

M60/M62/M66 Simister Island Interchange

TR010064

2.8 ENGINEERING SECTION DRAWINGS

APFP Regulation 5(2)(o)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

VOLUME 2

April 2024

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

M60/M62/M66 Simister Island Interchange
Development Consent Order 202[]

ENGINEERING SECTION DRAWINGS

Regulation Reference	Regulation 5(2)(o)
Planning Inspectorate Scheme Reference	TR010064
Application Document Reference	TR010064/APP/2.8
Author	M60/M62/M66 Simister Island Interchange Project Team

Version	Date	Status of Version
P01	April 2024	DCO APPLICATION ISSUE

CONTENTS

1	Introduction	1
1.1	Purpose of this document	1
2	Schedule of Plans included in this Application Document	1

1 Introduction

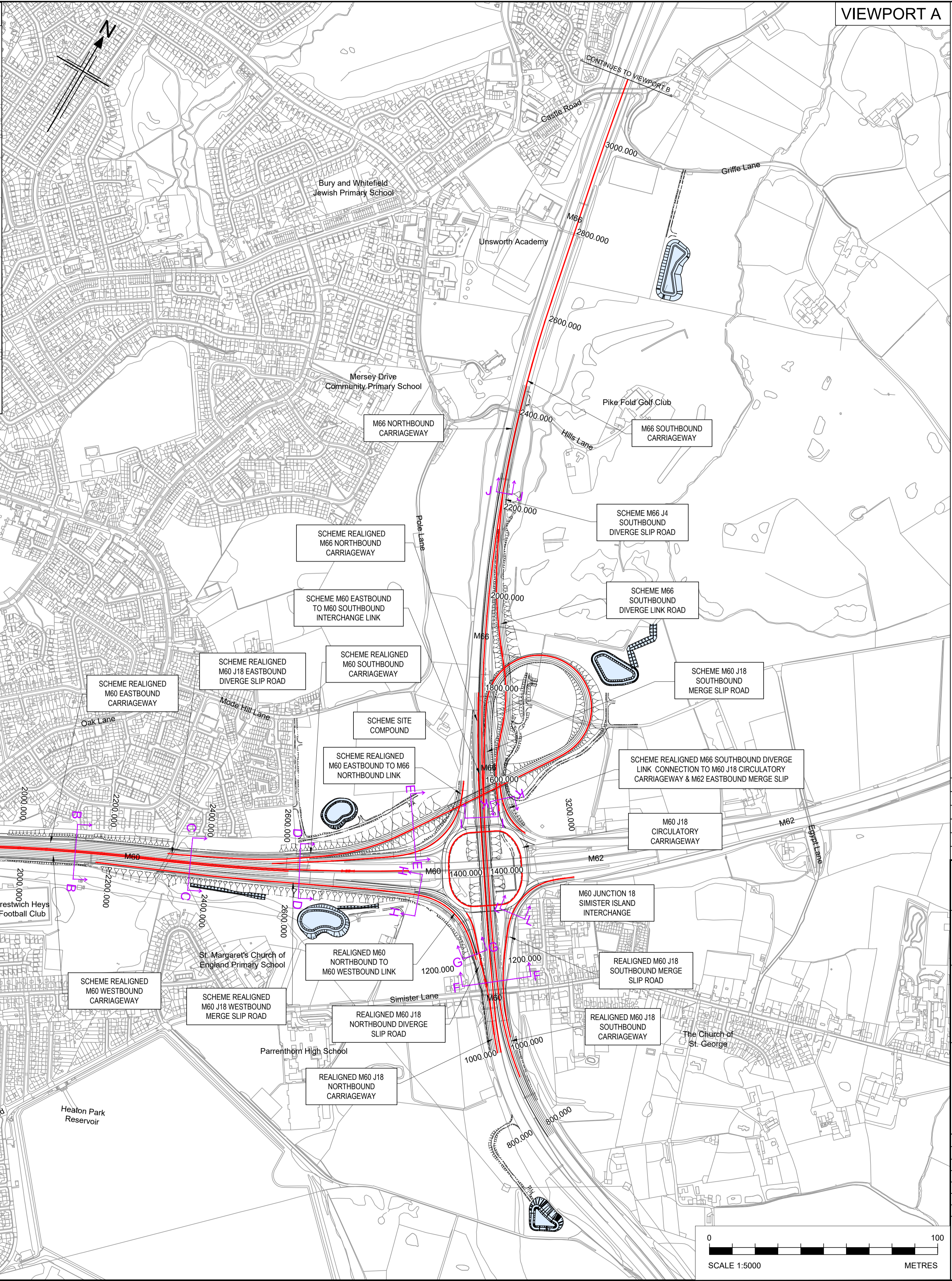
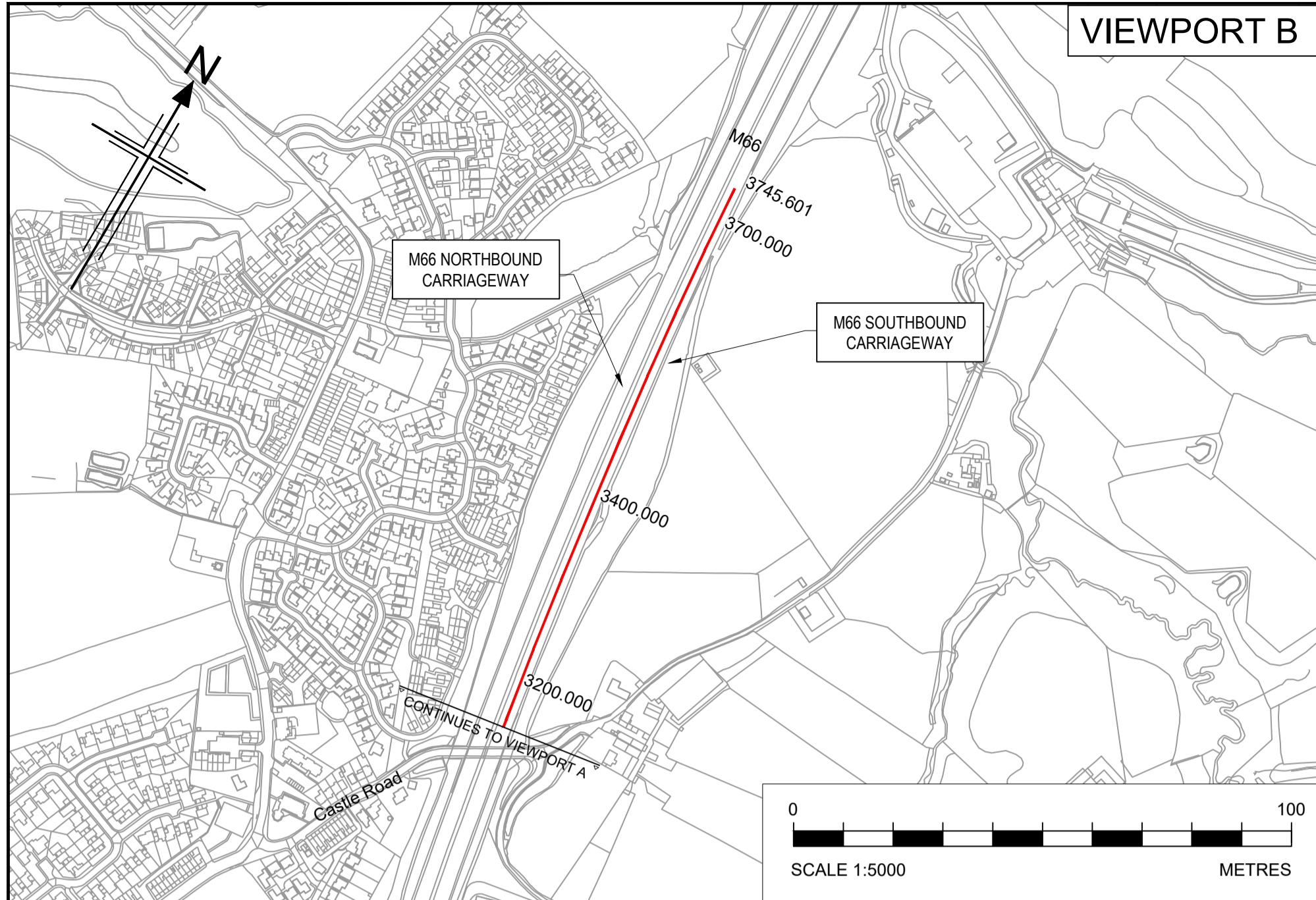
1.1 Purpose of this document

- 1.1.1 These Engineering Section Drawings (the “Plans”) relate to an application made by National Highways (the “Applicant”) to the Secretary of State for Transport via the Planning Inspectorate (the “Inspectorate”) under the Planning Act 2008 (the “2008 Act”) for a Development Consent Order (DCO). If made, the DCO would grant consent for the M60 J18 Simister Island Interchange (the “Scheme”). A detailed description of the Scheme can be found in Chapter 2, The Scheme of the Environmental Statement (ES) (TR010064/APP/6.1)
- 1.1.2 As these Plans are part of the application documentation, they should be read alongside and are informed by the Book of Reference (TR010064/APP/4.3) and the Statement of Reasons (TR010064/APP/4.1).

2 Schedule of Plans included in this Application Document

Drawing Number	Drawing Title	Revision
HE548642-JAC-LDC-SII_MLT-DR-Z-9000	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SECTION LOCATIONS	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9001	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 1 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9002	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 2 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9003	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 3 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9004	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 4 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9005	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 5 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9006	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 6 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9007	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 7 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9008	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 8 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9009	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 9 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9010	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 10 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9011	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 11 OF 23	P01

Drawing Number	Drawing Title	Revision
HE548642-JAC-LDC-SII_MLT-DR-Z-9012	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 12 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9013	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 13 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9014	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 14 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9015	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 15 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9016	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 16 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9017	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 17 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9018	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 18 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9019	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 19 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9020	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 20 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9021	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 21 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9022	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 22 OF 23	P01
HE548642-JAC-LDC-SII_MLT-DR-Z-9023	ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 23 OF 23	P01



- Notes**
1. All dimensions, chainages, levels and co-ordinates are in metres unless stated otherwise.
 2. Do not scale from this drawing, use only printed dimensions.
 3. This drawing is to be read in conjunction with all other relevant documentation.
 4. The scheme designs shown are illustrative only and will be subject to change as part of detailed design development.

- Key**
- New Design Alignment
 - The Scheme
 - Ponds
 - Swales
 - Cross-Section Cutlines

P01	07/02/24	DCO SUBMISSION	TA	AP	AP	RB
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010064			TR010064/APP/2.8			



Project
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing title
**ENGINEERING SECTIONS
REGULATION 5(2)(O)
SECTIONS LOCATIONS**

Regulation	Regulation 5(2)(O)	
Purpose of issue	DCO APPLICATION	
State Code	PRELIMINARY	
Project Stage	PCF STAGE 3	Drawing status
Scale at A1 (841x594mm)	1:5000@A1	S4
Jacobs No.	B36601F0	Rev
Client no.	HE548642	P01

Drawing number
HE548642 - JAC - LDC - SII_MLT

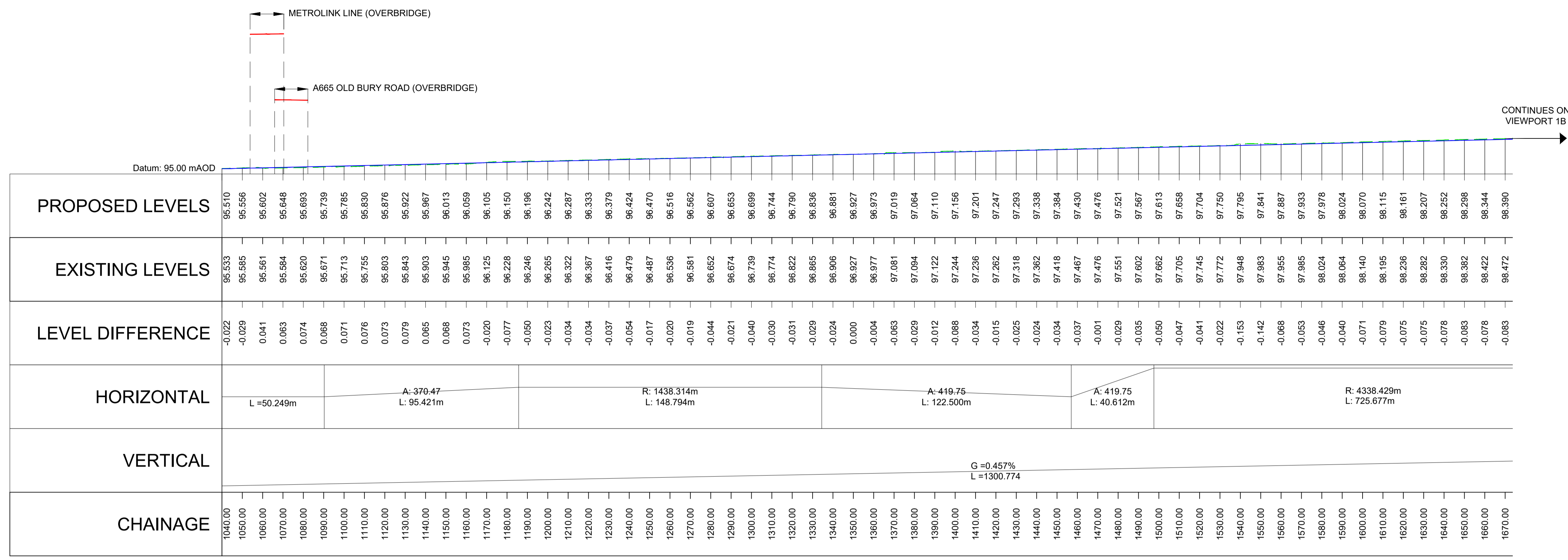
Originator
JAC

Volume
- DR - Z - 9000

C:\working\jacobs_uk_highways_ssa\legintl_hussaiad0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9000.dwg - 07/02/2024 15:13:55 - A1 Frame - HUSSAIAS

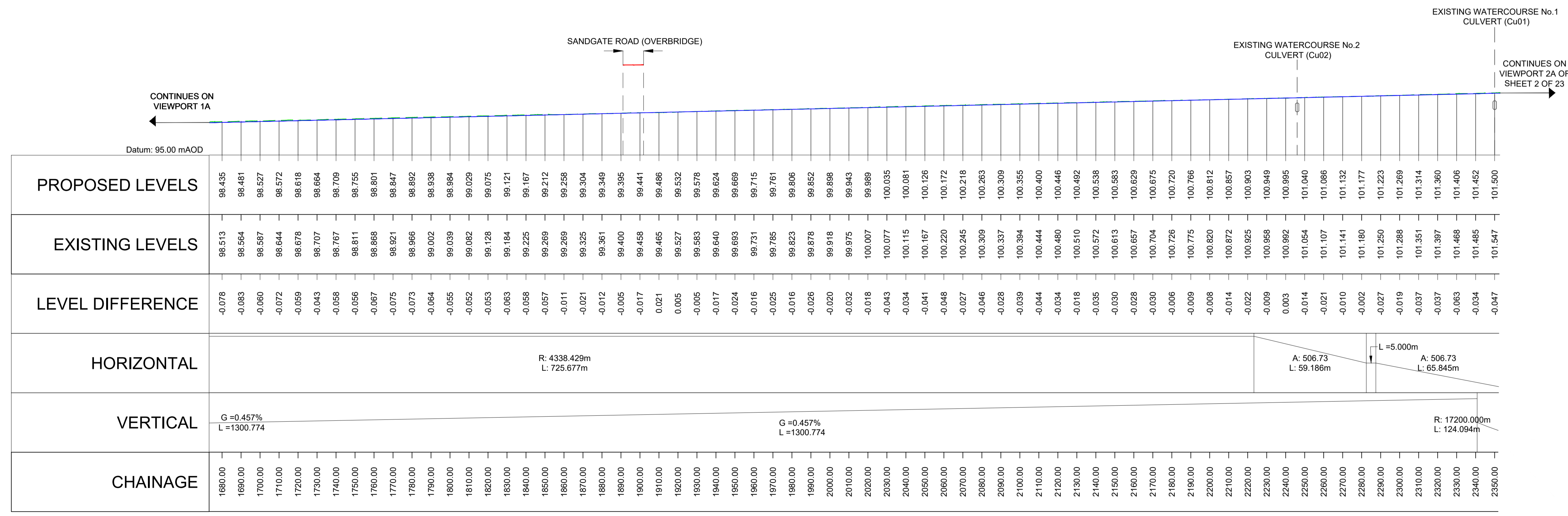
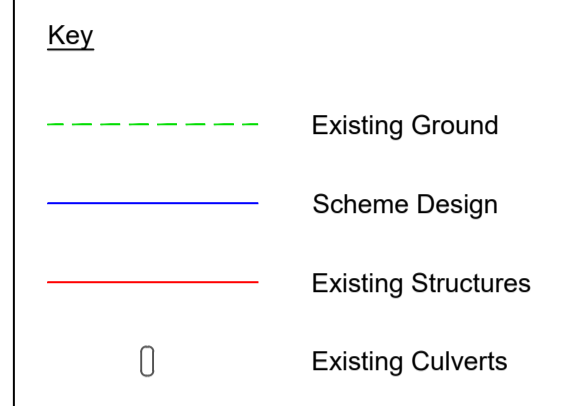
Reproduced by permission of Ordnance Survey on behalf of HMSO © Crown copyright and database right 2024. All rights reserved. Ordnance Survey Licence number 100030649.

C:\working\jacobs_uk_highways_ssa\legint_hussaiad0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9001.dwg - 07/02/2024 11:22:12 - A1 Frame - HUSSAIAS



VIEWPORT 1A
 M60 MAINLINE EASTBOUND-01 LONGITUDINAL SECTION
 CH 1040.000 TO CH 1670.000
 SCALE: H 1:1250, V 1:250. DATUM: 95.000

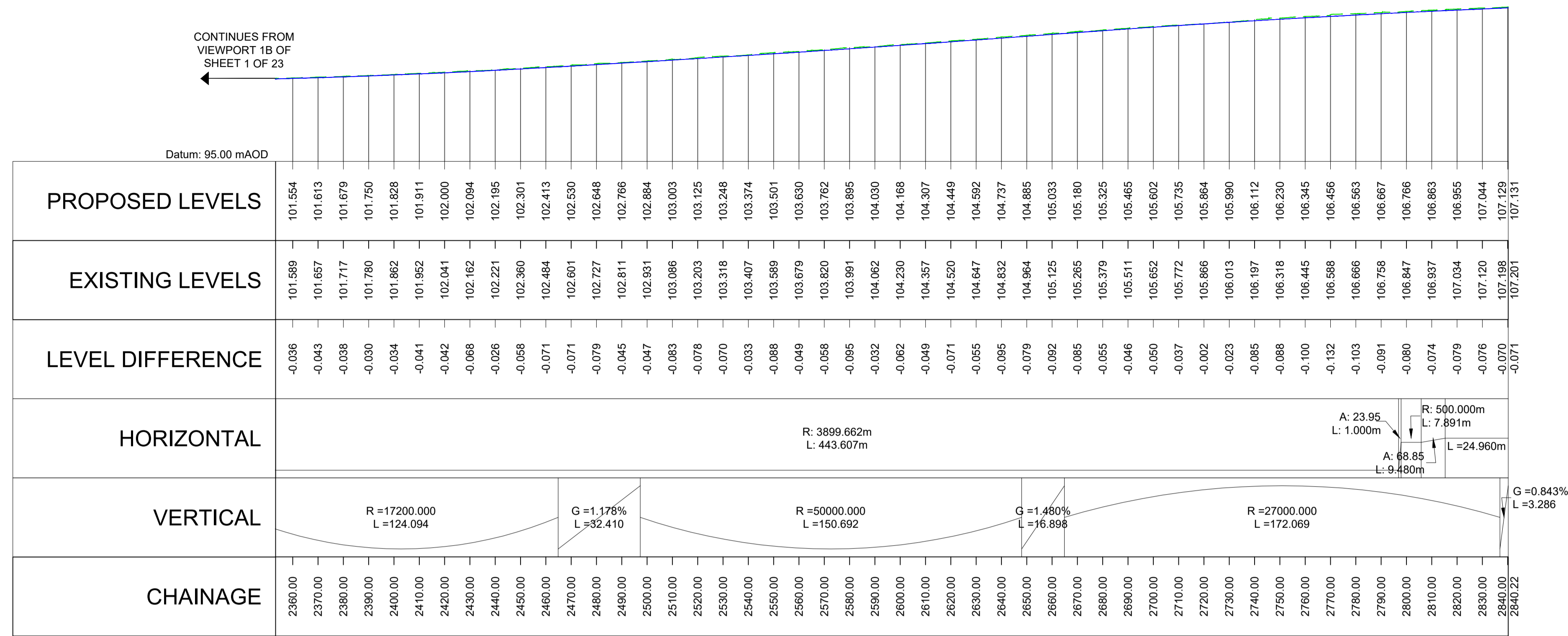
- Notes
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.



VIEWPORT 1B
 M60 MAINLINE EASTBOUND-01 LONGITUDINAL SECTION
 CH 1680.000 TO CH 2350.000
 SCALE H 1:1250, V 1:250. DATUM: 95.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Client:						
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 1 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status: S4	
Scale at A1 (841x594mm)		AS SHOWN@A1		Rev: P01		
Jacobs No.		B36601F0				
Client no.		HE548642				
Drawing number		HE548642 - JAC - LDC - SII_MLT		Volume: - DR - Z - 9001		

CONTINUES FROM
VIEWPORT 1B OF
SHEET 1 OF 23



VIEWPORT 2A
M60 MAINLINE EASTBOUND-01 LONGITUDINAL SECTION
CH 2360.00 TO CH 2840.220
SCALE: H 1:1250,V 1:250. DATUM: 95.000

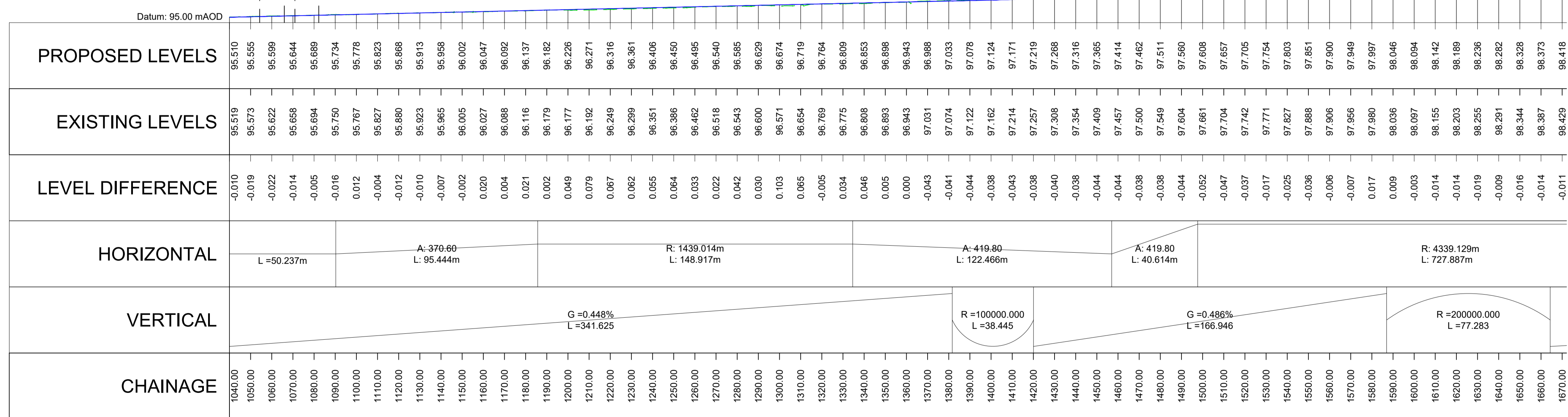
- Notes
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

Key

- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts

METROLINK LINE (OVERBRIDGE)
A665 OLD BURY ROAD (OVERBRIDGE)

CONTINUES ON
VIEWPORT 3A OF
SHEET 3 OF 23

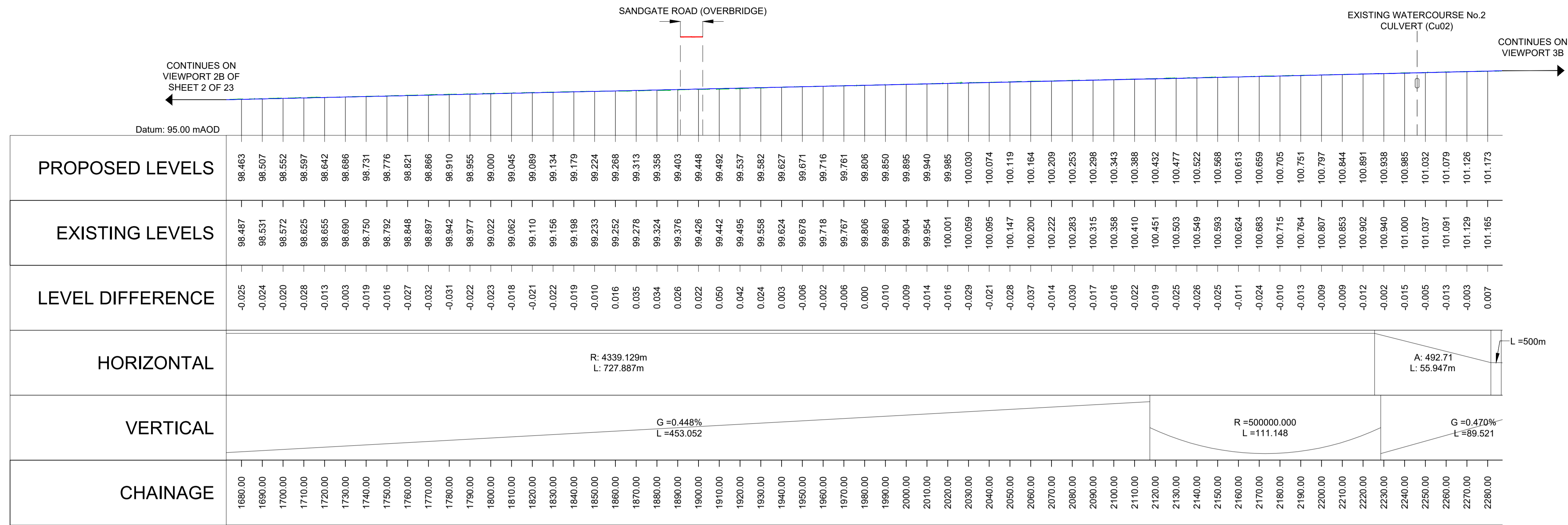


VIEWPORT 2B
M60 MAINLINE EASTBOUND-02 LONGITUDINAL SECTION
CH 1040.00 TO CH 1670.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000

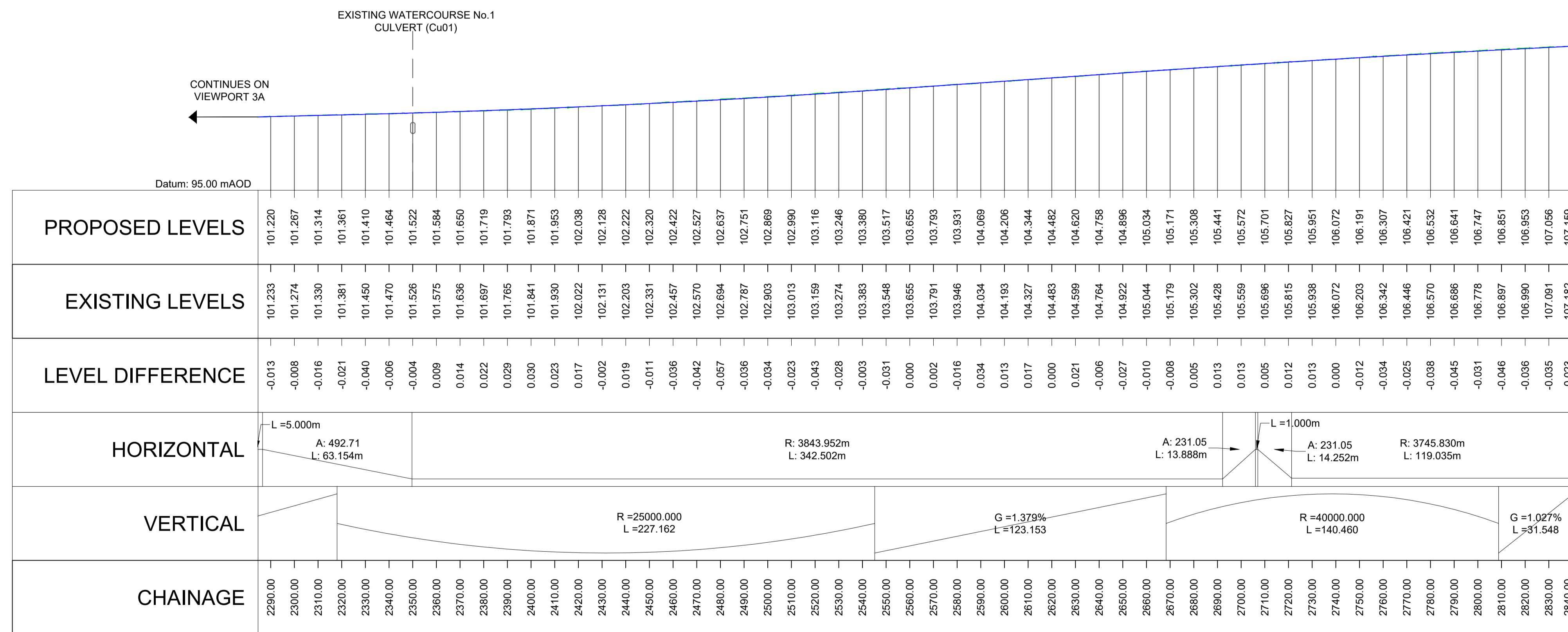
P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Client:						
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 2 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status: S4	
Scale at A1 (841x594mm)		AS SHOWN@A1			Rev: P01	
Jacobs No.		B36601F0				
Client no.		HE548642				
Drawing number: HE548642 - JAC - LDC - SII_MLT - DR - Z -9002						

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

- Key**
- Existing Ground
 - Scheme Design
 - Existing Structures
 - Existing Culverts

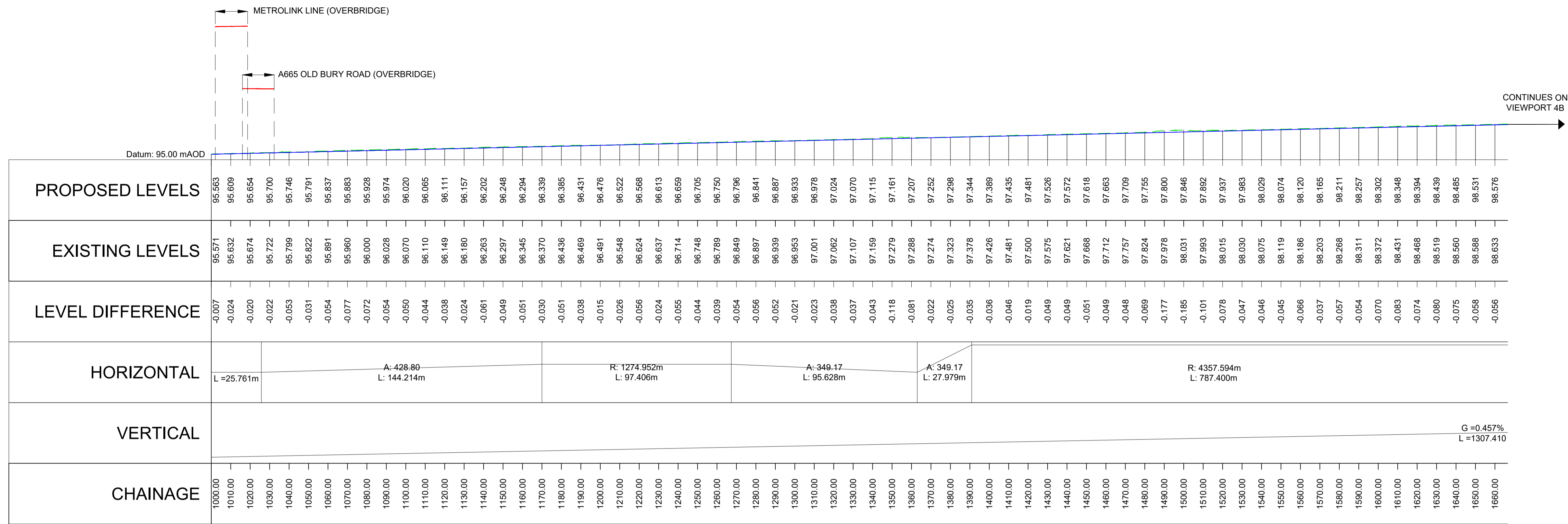


VIEWPORT 3A
M60 MAINLINE EASTBOUND-02 LONGITUDINAL SECTION
CH 1680.000 TO CH 2280.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000

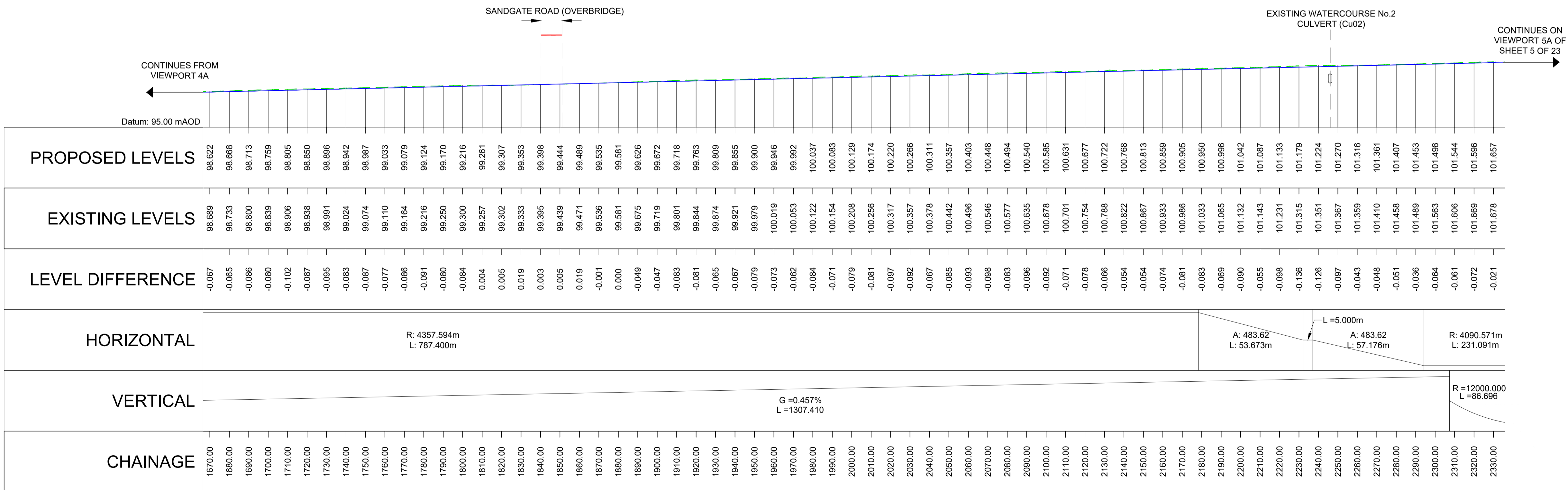


VIEWPORT 3B
M60 MAINLINE EASTBOUND-02 LONGITUDINAL SECTION
CH 2290.000 TO CH 2840.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP	
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd	
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8				
Client:							
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE							
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 3 OF 23							
Regulation		Regulation 5(2)(O)					
Purpose of issue		DCO APPLICATION					
State Code		PRELIMINARY					
Project Stage		PCF STAGE 3			Drawing status: S4		
Scale at A1 (841x594mm)		AS SHOWN@A1			Rev: P01		
Jacobs No.		B36601F0					
Client no.		HE548642					
Drawing number		PIN		Originator		Volume	
HE548642		JAC		- LDC -		-	
SII_MLT		Location		Type Role Number		-DR- Z -9003	



VIEWPORT 4A
M60 MAINLINE WESTBOUND-01 LONGITUDINAL SECTION
CH 1000.000 TO CH 1660.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000



VIEWPORT 4B
M60 MAINLINE WESTBOUND-01 LONGITUDINAL SECTION
CH 1670.000 TO CH 2330.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000

- Notes
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

Key

- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010064
Development Consent Order Drawing Number: TR010064/APP/2.8



Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 4 OF 24

Regulation	Regulation 5(2)(O)	
Purpose of issue	DCO APPLICATION	
State Code	PRELIMINARY	
Project Stage	PCF STAGE 3	Drawing status S4
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev
Jacobs No.	B36601F0	P01
Client no.	HE548642	

Drawing number: HE548642 - JAC - LDC - SII_MLT
Originator: JAC
Volume: - DR - Z - 9004

EXISTING WATERCOURSE No.1
CULVERT (Cu01)

CONTINUES ON
VIEWPORT 4B OF
SHEET 4 OF 23

	Chainage	Proposed Level	Existing Level	Level Difference
	2340.00	101.725	101.758	-0.033
	2350.00	101.802	101.843	-0.041
	2360.00	101.887	101.966	-0.078
	2370.00	101.981	102.030	-0.049
	2380.00	102.083	102.124	-0.040
	2390.00	102.193	102.190	0.004
	2400.00	102.311	102.352	-0.041
	2410.00	102.429	102.435	-0.007
	2420.00	102.546	102.574	-0.028
	2430.00	102.664	102.660	0.004
	2440.00	102.782	102.813	-0.031
	2450.00	102.900	102.903	-0.003
	2460.00	103.018	103.000	0.018
	2470.00	103.136	103.090	0.046
	2480.00	103.254	103.225	0.029
	2490.00	103.372	103.347	0.025
	2500.00	103.490	103.477	0.012
	2510.00	103.608	103.620	-0.012
	2520.00	103.725	103.758	-0.032
	2525.33	103.788	103.833	-0.045

Horizontal	Vertical
R: 4090.571m L: 231.091m	R = 12000.000 L = 86.696
	G = 1.179% L = 131.223

VIEWPORT 5A
M60 MAINLINE WESTBOUND-01 LONGITUDINAL SECTION
CH 2340.000 TO CH 2525.330
SCALE: H 1:1250,V 1:250. DATUM: 95.000

Notes

1. This drawing is to be read in conjunction with all other relevant documentation.
2. Do not scale from this drawing, use only printed dimensions.
3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

Key

- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts

METROLINK LINE (OVERBRIDGE)

A665 OLD BURY ROAD (OVERBRIDGE)

CONTINUES ON
VIEWPORT 6A OF
SHEET 6 OF 23

	Chainage	Proposed Level	Existing Level	Level Difference
	1050.00	95.567	95.531	0.036
	1060.00	95.612	95.591	0.021
	1070.00	95.657	95.644	0.012
	1080.00	95.702	95.707	-0.005
	1090.00	95.747	95.750	-0.003
	1100.00	95.792	95.782	0.010
	1110.00	95.837	95.826	0.010
	1120.00	95.882	95.876	0.006
	1130.00	95.927	95.922	0.005
	1140.00	95.972	95.956	0.016
	1150.00	96.017	96.031	-0.014
	1160.00	96.062	96.067	-0.005
	1170.00	96.107	96.101	0.006
	1180.00	96.152	96.146	0.007
	1190.00	96.197	96.195	0.003
	1200.00	96.242	96.236	0.007
	1210.00	96.287	96.279	0.008
	1220.00	96.333	96.320	0.013
	1230.00	96.378	96.373	0.005
	1240.00	96.423	96.417	0.006
	1250.00	96.468	96.452	0.016
	1260.00	96.513	96.502	0.011
	1270.00	96.558	96.561	-0.003
	1280.00	96.603	96.596	0.007
	1290.00	96.648	96.645	0.003
	1300.00	96.694	96.688	0.006
	1310.00	96.740	96.736	0.004
	1320.00	96.788	96.785	0.004
	1330.00	96.836	96.843	-0.007
	1340.00	96.884	96.877	0.007
	1350.00	96.932	96.920	0.013
	1360.00	96.980	96.960	0.021
	1370.00	97.029	97.013	0.015
	1380.00	97.077	97.068	0.009
	1390.00	97.125	97.115	0.009
	1400.00	97.173	97.176	-0.003
	1410.00	97.221	97.222	-0.001
	1420.00	97.269	97.285	-0.016
	1430.00	97.317	97.307	0.010
	1440.00	97.365	97.364	0.001
	1450.00	97.413	97.413	0.000
	1460.00	97.461	97.475	-0.014
	1470.00	97.509	97.500	0.009
	1480.00	97.557	97.564	-0.007
	1490.00	97.604	97.607	-0.003
	1500.00	97.652	97.655	-0.004
	1510.00	97.699	97.700	-0.001
	1520.00	97.746	97.747	-0.001
	1530.00	97.793	97.793	0.000
	1540.00	97.839	97.845	-0.006
	1550.00	97.885	97.961	-0.076
	1560.00	97.932	97.930	0.002
	1570.00	97.976	97.976	0.000
	1580.00	98.023	97.998	0.025
	1590.00	98.069	98.057	0.012
	1600.00	98.114	98.106	0.008
	1610.00	98.159	98.166	-0.007
	1620.00	98.204	98.189	0.015
	1630.00	98.249	98.245	0.004
	1640.00	98.294	98.294	0.000
	1650.00	98.339	98.354	-0.015
	1660.00	98.383	98.404	-0.020
	1670.00	98.428	98.431	-0.003
	1680.00	98.473	98.480	-0.007
	1690.00	98.518	98.533	-0.015
	1700.00	98.562	98.570	-0.008
	1710.00	98.607	98.613	-0.006

Horizontal	Vertical
L = 21.410m	G = 0.451% L = 238.177
A: 432.63 L: 146.888m	R = 100000.000 L = 30.201
R: 1274.252m L: 98.950m	G = 0.481% L = 139.385
A: 349.15 L: 95.669m	R = 500000.000 L = 164.136
A: 349.15 L: 27.980m	G = 0.488% L = 721.540
R: 4356.894m L: 787.233m	

VIEWPORT 5B
M60 MAINLINE WESTBOUND-02 LONGITUDINAL SECTION
CH 1050.000 TO CH 1710.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010064	TR010064/APP/2.8

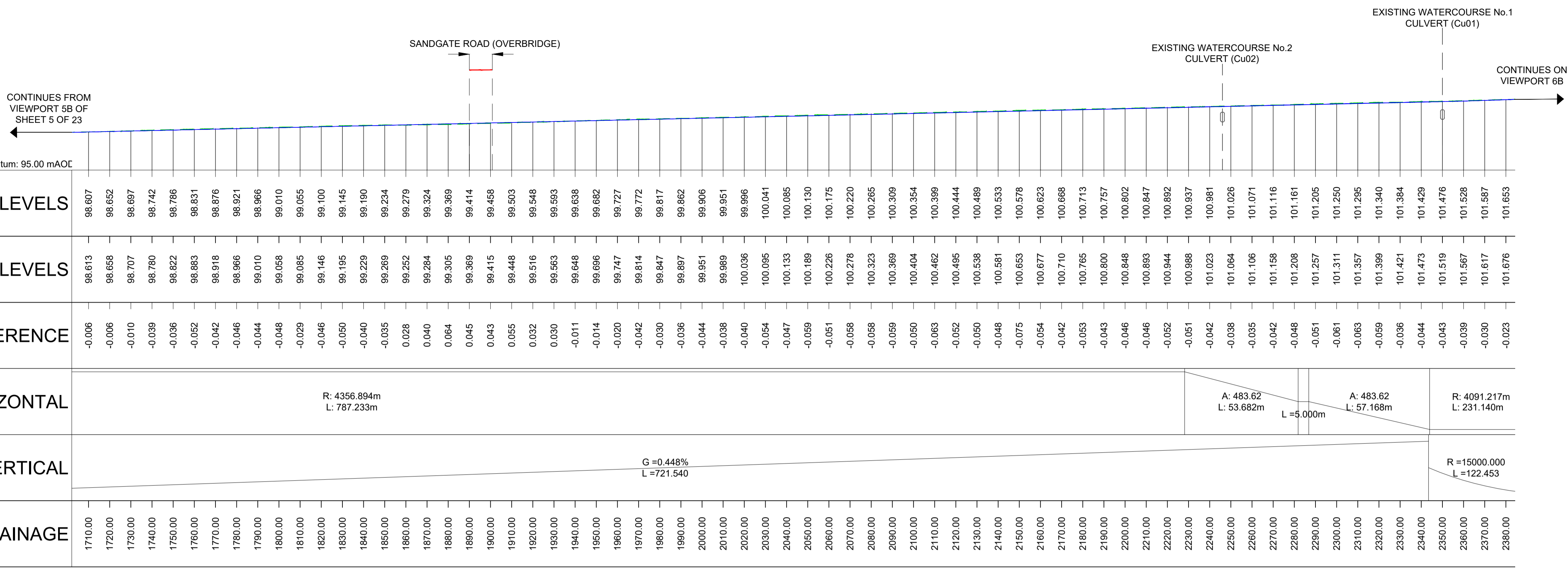


Project
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

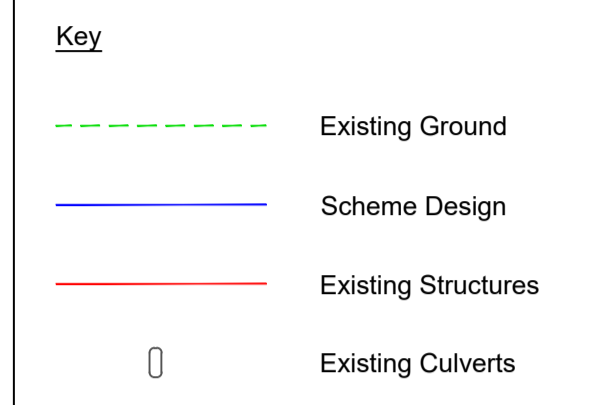
Drawing title
**ENGINEERING
SECTION DRAWINGS
REGULATION 5(2)(O)
SHEET 5 OF 14**

Regulation	Regulation 5(2)(O)				
Purpose of issue	DCO APPLICATION				
State Code	PRELIMINARY				
Project Stage	PCF STAGE 3	Drawing status	S4		
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev	P01		
Jacobs No.	B36601F0				
Client no.	HE548642				

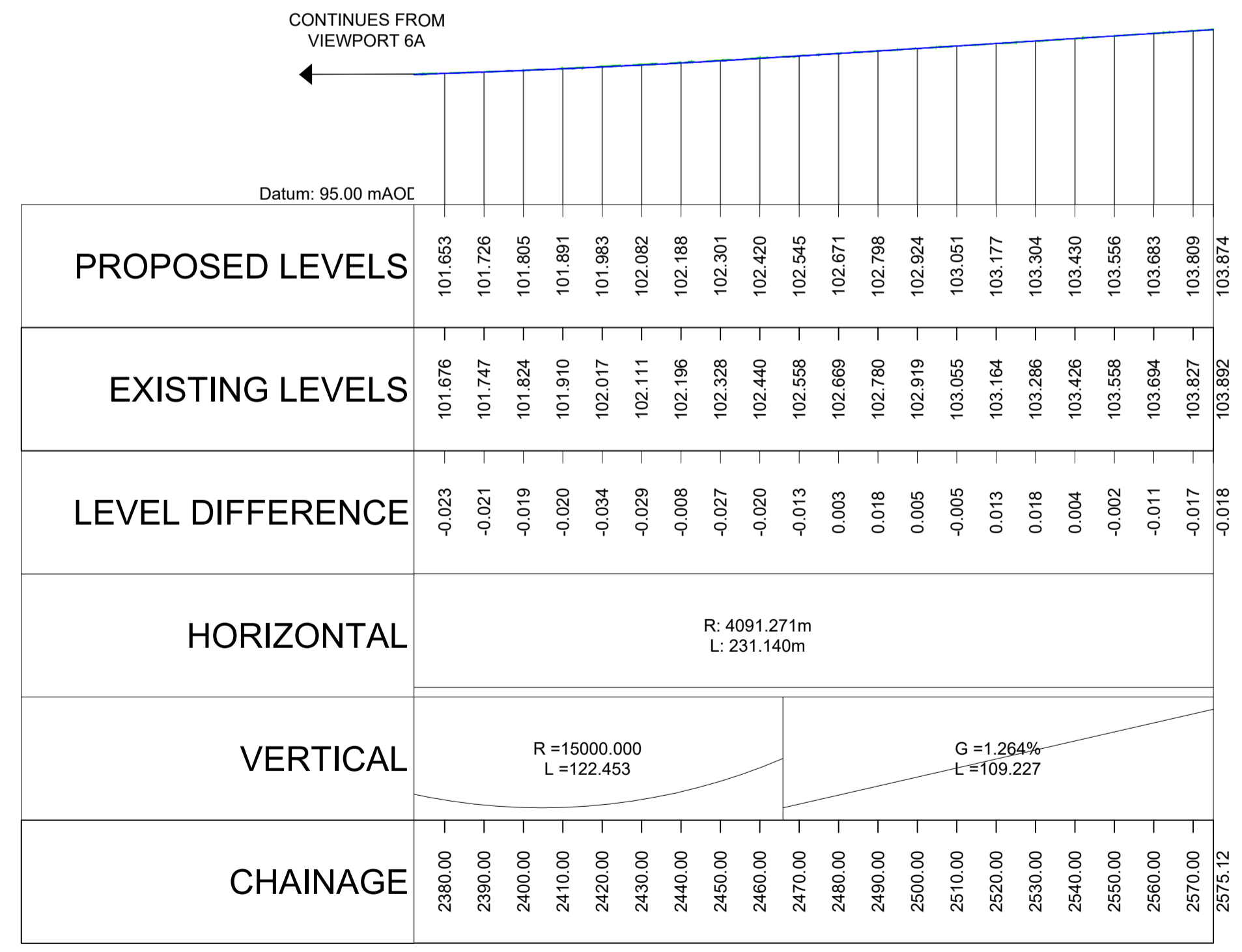
Drawing number	PIN	Originator	Volume
HE548642	-	JAC	- LDC -
Location	Type	Role	Number
SII_MLT	-	-	-DR- Z -9005



- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.



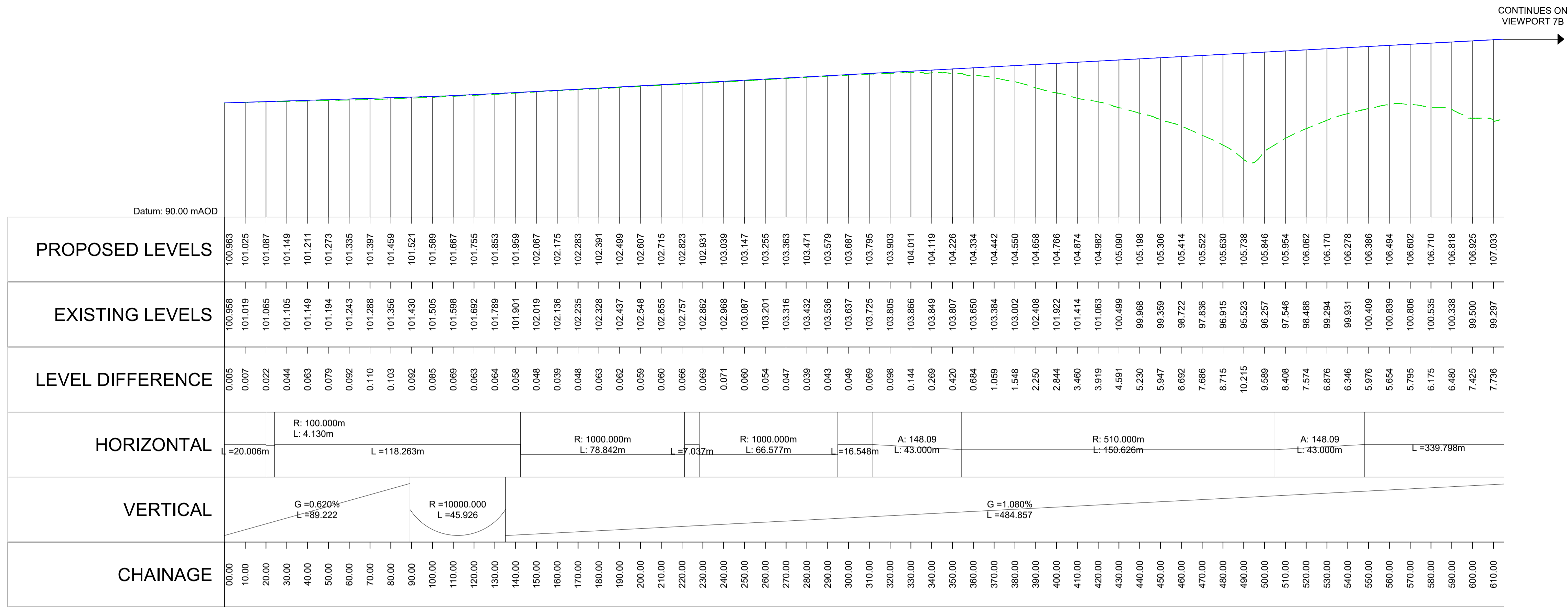
VIEWPORT 6A
M60 MAINLINE WESTBOUND-02 LONGITUDINAL SECTION
CH 1710.000 TO CH 2380.000
SCALE: H 1:1250,V 1:250. DATUM: 95.000



VIEWPORT 6B
M60 MAINLINE WESTBOUND-02 LONGITUDINAL SECTION
CH 2380.000 TO CH 2575.120
SCALE: H 1:1250,V 1:250. DATUM: 95.000

P01		07/02/24		DCO SUBMISSION		AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision			Drawn	Checked	Rev'd	Appr'd	
Development Consent Order Number:				Development Consent Order Drawing Number:					
TR010064				TR010064/APP/2.8					
Client									
Project									
M60/M62/M66 SIMISTER ISLAND INTERCHANGE									
Drawing title									
ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 6 OF 23									
Regulation		Regulation 5(2)(O)							
Purpose of issue		DCO APPLICATION							
State Code		PRELIMINARY							
Project Stage		PCF STAGE 3					Drawing status		
Scale at A1 (841x594mm)		AS SHOWN@A1					S4		
Jacobs No.		B36601F0			Rev		P01		
Client no.		HE548642							
Drawing number									
PIN		Originator		Volume					
HE548642		JAC		- LDC -					
Location		SII_MLT		Type		Role		Number	
								-DR- Z -9006	

C:\working\jacobs_uk_highways_ssa\legintl_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9007.dwg - 07/02/2024 11:51:49 - A1 Frame - HUSSAIAS

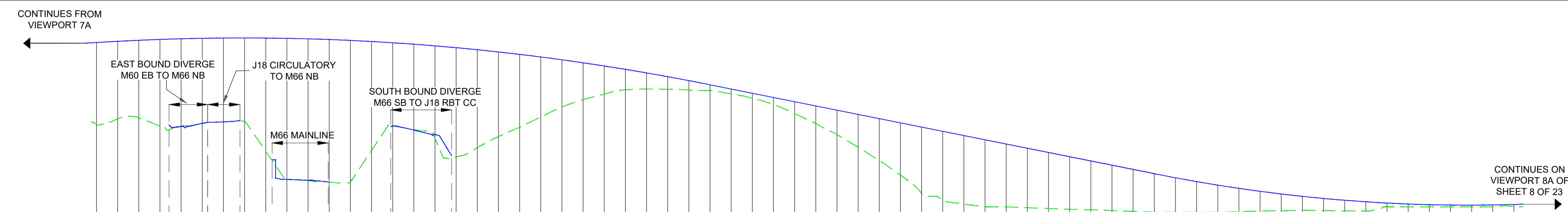


VIEWPORT 7A
NORTHERN LOOP MAINLINE LONGITUDINAL SECTION
CH 0.000 TO CH 610.000
SCALE: H 1:1250,V 1:250, DATUM: 90.000

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

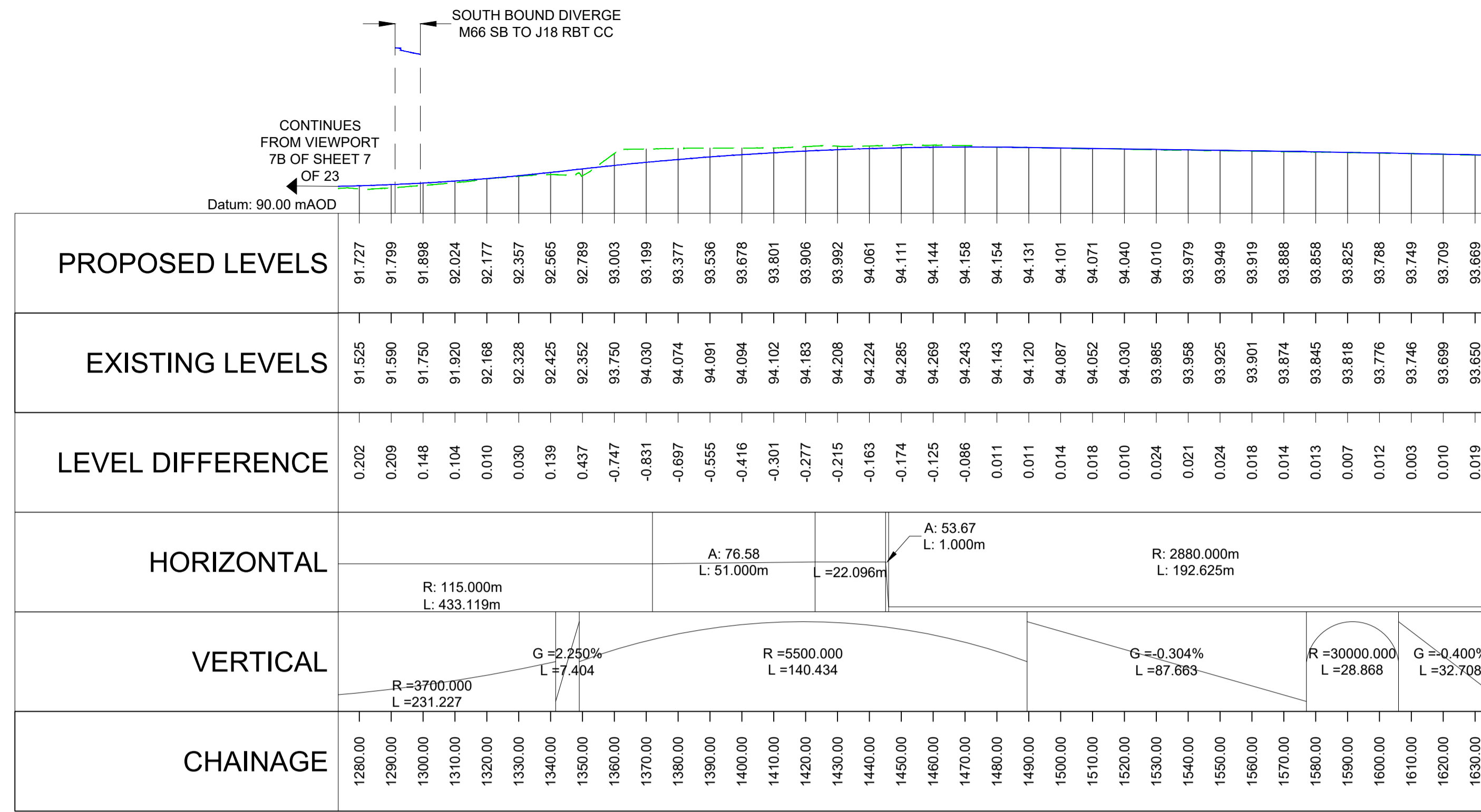
Key

- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts



VIEWPORT 7B
NORTHERN LOOP MAINLINE LONGITUDINAL SECTION
CH 610.000 TO CH 1280.000
SCALE: H 1:1250,V 1:250, DATUM: 90.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Client:						
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 7 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status: S4	
Scale at A1 (841x594mm)		AS SHOWN@A1			Rev: P01	
Jacobs No.		B36601F0			Client no. HE548642	
Drawing number		PIN: HE548642 - JAC - LDC - SII_MLT		Volume: -DR- Z -9007		

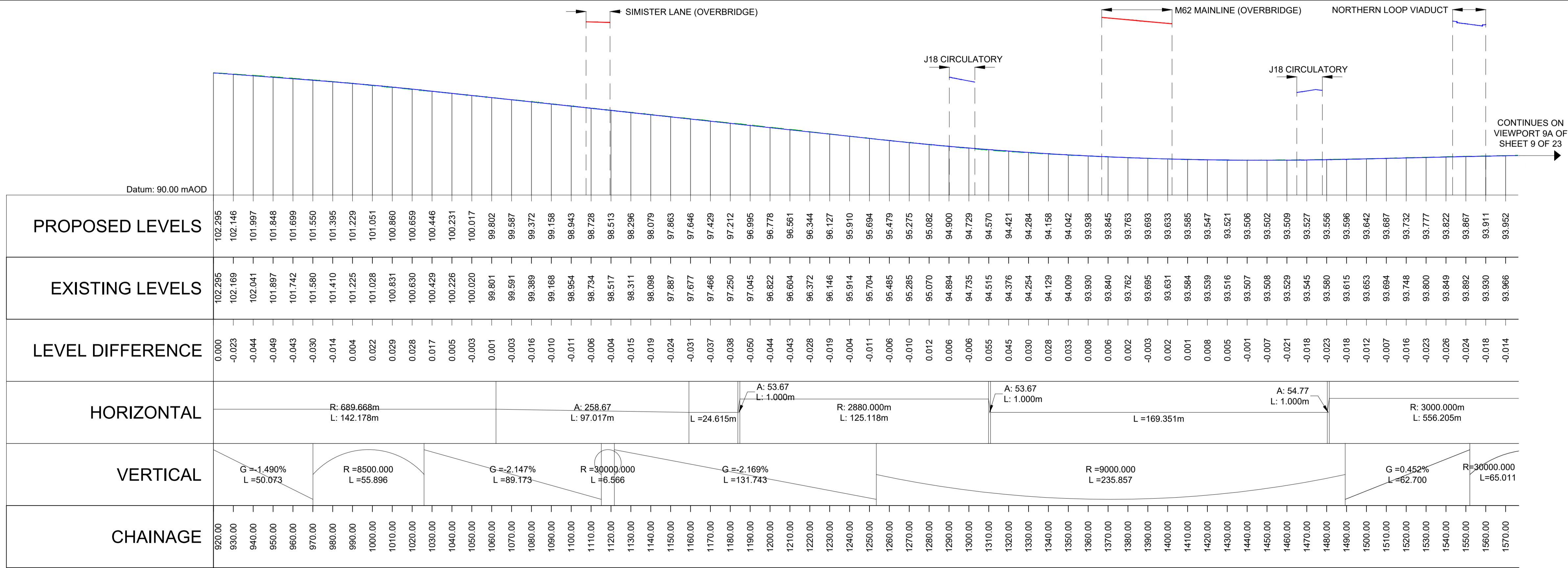


VIEWPORT 8A
NORTHERN LOOP MAINLINE LONGITUDINAL SECTION
CH 1280.000 TO CH 1638.670
SCALE: H 1:1250, V 1:250. DATUM: 90.000

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

Key

- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts



VIEWPORT 8B
M66 MAINLINE SOUTHBOUND LONGITUDINAL SECTION
CH 920.000 TO CH 1570.000
SCALE: H 1:1250, V 1:250. DATUM: 90.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Client:						
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 8 OF 23						
Regulation: Regulation 5(2)(O)		Purpose of issue: DCO APPLICATION				
State Code: PRELIMINARY		Project Stage: PCF STAGE 3				
Scale at A1 (841x594mm): AS SHOWN@A1		Drawing status: S4				Rev: P01
Jacobs No.: B36601F0		Client no.: HE548642				
Drawing number: HE548642 - JAC - LDC - SII_MLT		Originator: PIN				
Volume: -DR- Z -9008		Type: Role Number				

C:\working\jacobs_uk_highways_ssa\legint_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9008.dwg - 07/02/2024 11:53:20 - A1 Frame - HUSSAIAS

C:\working\jacobs_uk_highways_ssa\regmit_hussaia\dd0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9009.dwg - 07/02/2024 11:54:45 - A1 Frame - HUSSAIA5

CONTINUES FROM VIEWPORT 8B ON SHEET 8 OF 23

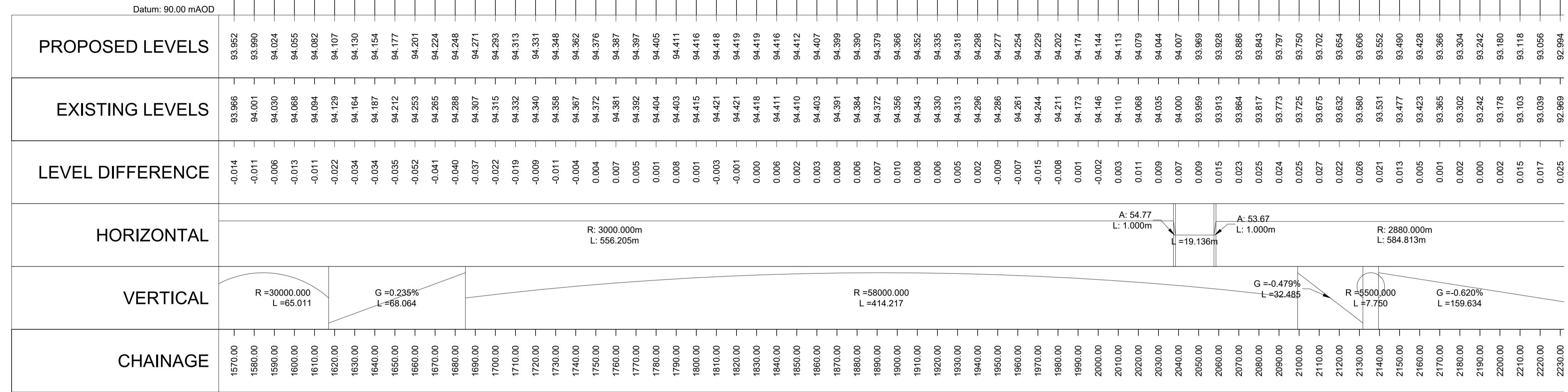
CONTINUES ON VIEWPORT 9B

Notes

1. This drawing is to be read in conjunction with all other relevant documentation.
2. Do not scale from this drawing, use only printed dimensions.
3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

Key

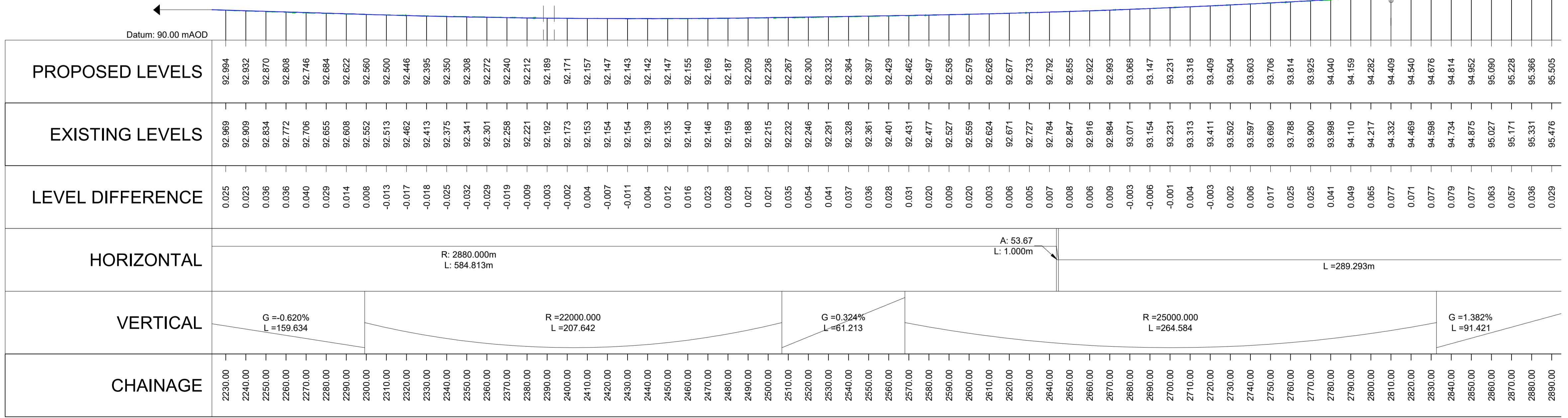
- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts



VIEWPORT 9A
M66 MAINLINE SOUTHBOUND LONGITUDINAL SECTION
CH 1570.000 TO CH 2230.000
SCALE: H 1:1250,V 1:250. DATUM: 90.000

CONTINUES FROM VIEWPORT 9A

CONTINUES ON VIEWPORT 10A OF SHEET 10 OF 23



VIEWPORT 9B
M66 MAINLINE SOUTHBOUND LONGITUDINAL SECTION
CH 2230.000 TO CH 2890.000
SCALE: H 1:1250,V 1:250. DATUM: 90.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:		Development Consent Order Drawing Number:				
TR010064		TR010064/APP/2.8				

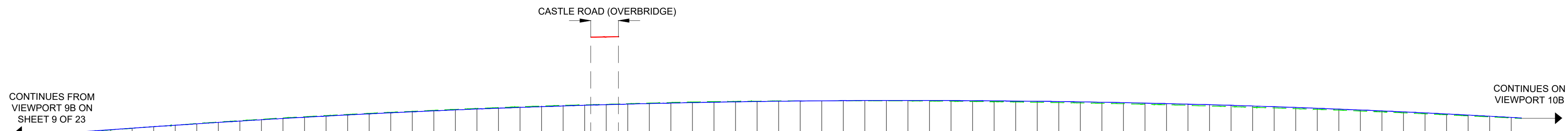
Client:

Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing title: **ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 9 OF 23**

Regulation	Regulation 5(2)(O)				
Purpose of issue	DCO APPLICATION				
State Code	PRELIMINARY				
Project Stage	PCF STAGE 3	Drawing status S4			
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev			
Jacobs No.	B36601F0	P01			
Client no.	HE548642				

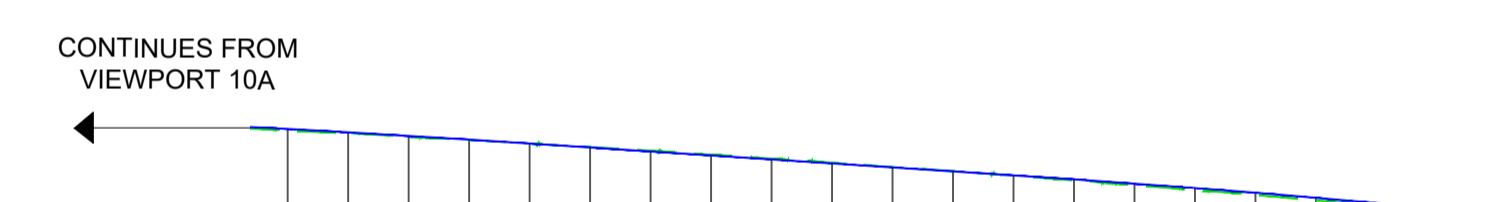
Drawing number	PIN	Originator	Volume
HE548642	-	JAC	- LDC -
	Location	Type	Role
	SII_MLT	-DR-	Z -9009



Datum: 90.00 mAOD	
PROPOSED LEVELS	95.505 95.643 95.781 95.919 96.057 96.191 96.320 96.446 96.568 96.686 96.800 96.909 97.015 97.117 97.215 97.309 97.398 97.484 97.566 97.644 97.718 97.787 97.853 97.915 98.000 98.027 98.077 98.122 98.164 98.202 98.236 98.266 98.291 98.313 98.331 98.345 98.355 98.360 98.362 98.360 98.354 98.344 98.329 98.311 98.289 98.263 98.233 98.199 98.160 98.118 98.072 98.022 97.968 97.909 97.847 97.781 97.711 97.637 97.558 97.476 97.390 97.306 97.206 97.107 97.005 96.899 96.789
EXISTING LEVELS	95.476 95.627 95.773 95.921 96.057 96.205 96.349 96.477 96.610 96.737 96.851 96.957 97.067 97.164 97.259 97.352 97.446 97.532 97.620 97.698 97.773 97.844 97.904 97.958 98.000 98.065 98.121 98.176 98.220 98.252 98.278 98.295 98.326 98.328 98.329 98.337 98.337 98.328 98.323 98.309 98.297 98.275 98.250 98.224 98.196 98.165 98.138 98.099 98.061 98.014 97.967 97.911 97.851 97.791 97.730 97.669 97.601 97.538 97.466 97.378 97.301 97.213 97.124 97.029 96.929 96.838 96.740
LEVEL DIFFERENCE	0.029 0.016 0.008 -0.001 -0.001 -0.015 -0.029 -0.031 -0.042 -0.051 -0.051 -0.047 -0.051 -0.047 -0.044 -0.044 -0.048 -0.048 -0.054 -0.054 -0.055 -0.056 -0.042 -0.038 -0.044 -0.054 -0.056 -0.050 -0.042 -0.028 -0.029 -0.035 -0.015 0.002 0.008 0.018 0.032 0.039 0.051 0.057 0.068 0.080 0.087 0.093 0.098 0.095 0.099 0.099 0.104 0.105 0.111 0.117 0.119 0.117 0.112 0.109 0.099 0.093 0.099 0.089 0.087 0.082 0.079 0.076 0.061 0.049
HORIZONTAL	L = 289.293m R: 6000.000m L: 457.831m L = 77.485m R: 5000.000m L: 276.558m
VERTICAL	G = 1.382% L = 91.421 R = 25000.000 L = 676.988
CHAINAGE	2890.00 2900.00 2910.00 2920.00 2930.00 2940.00 2950.00 2960.00 2970.00 2980.00 2990.00 3000.00 3010.00 3020.00 3030.00 3040.00 3050.00 3060.00 3070.00 3080.00 3090.00 3100.00 3110.00 3120.00 3130.00 3140.00 3150.00 3160.00 3170.00 3180.00 3190.00 3200.00 3210.00 3220.00 3230.00 3240.00 3250.00 3260.00 3270.00 3280.00 3290.00 3300.00 3310.00 3320.00 3330.00 3340.00 3350.00 3360.00 3370.00 3380.00 3390.00 3400.00 3410.00 3420.00 3430.00 3440.00 3450.00 3460.00 3470.00 3480.00 3490.00 3500.00 3510.00 3520.00 3530.00 3540.00 3550.00

VIEWPORT 10A
M66 MAINLINE SOUTHBOUND LONGITUDINAL SECTION
CH 2890.000 TO CH 3550.000
SCALE: H 1:1250,V 1:250. DATUM: 90.000

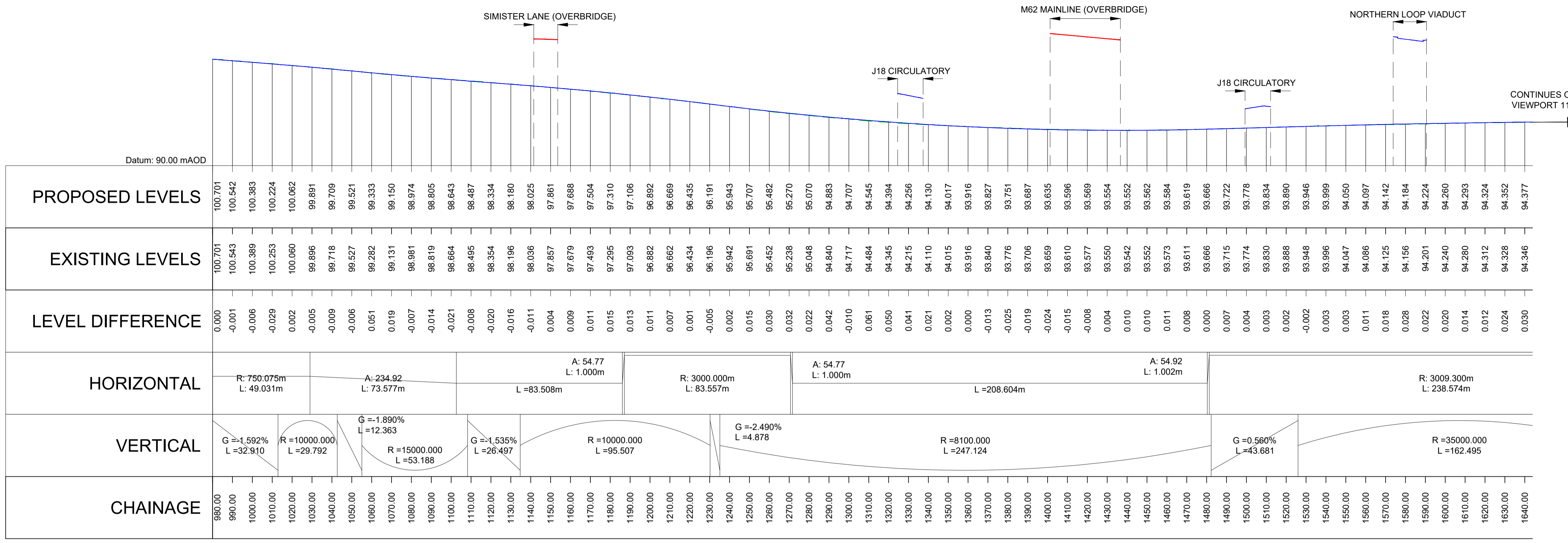
- Notes
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.



Datum: 90.00 mAOD	
PROPOSED LEVELS	96.789 96.675 96.556 96.434 96.308 96.178 96.045 95.913 95.780 95.648 95.515 95.382 95.250 95.117 94.981 94.836 94.680 94.515 94.339 94.153
EXISTING LEVELS	96.740 96.646 96.524 96.424 96.307 96.185 96.069 95.937 95.811 95.676 95.530 95.394 95.241 95.089 94.931 94.770 94.655 94.607 94.469 94.318
LEVEL DIFFERENCE	0.049 0.029 0.033 0.011 0.001 -0.007 -0.023 -0.025 -0.031 -0.028 -0.015 -0.011 0.009 0.028 0.051 0.065 0.025 -0.092 -0.130 -0.165
HORIZONTAL	R: 5000.000m L: 276.558m
VERTICAL	R = 25000.000 L = 676.988 G = -1.326% L = 81.000 R = 10000.000 L = 63.584
CHAINAGE	3550.00 3560.00 3570.00 3580.00 3590.00 3600.00 3610.00 3620.00 3630.00 3640.00 3650.00 3660.00 3670.00 3680.00 3690.00 3700.00 3710.00 3720.00 3730.00 3740.00 3745.60

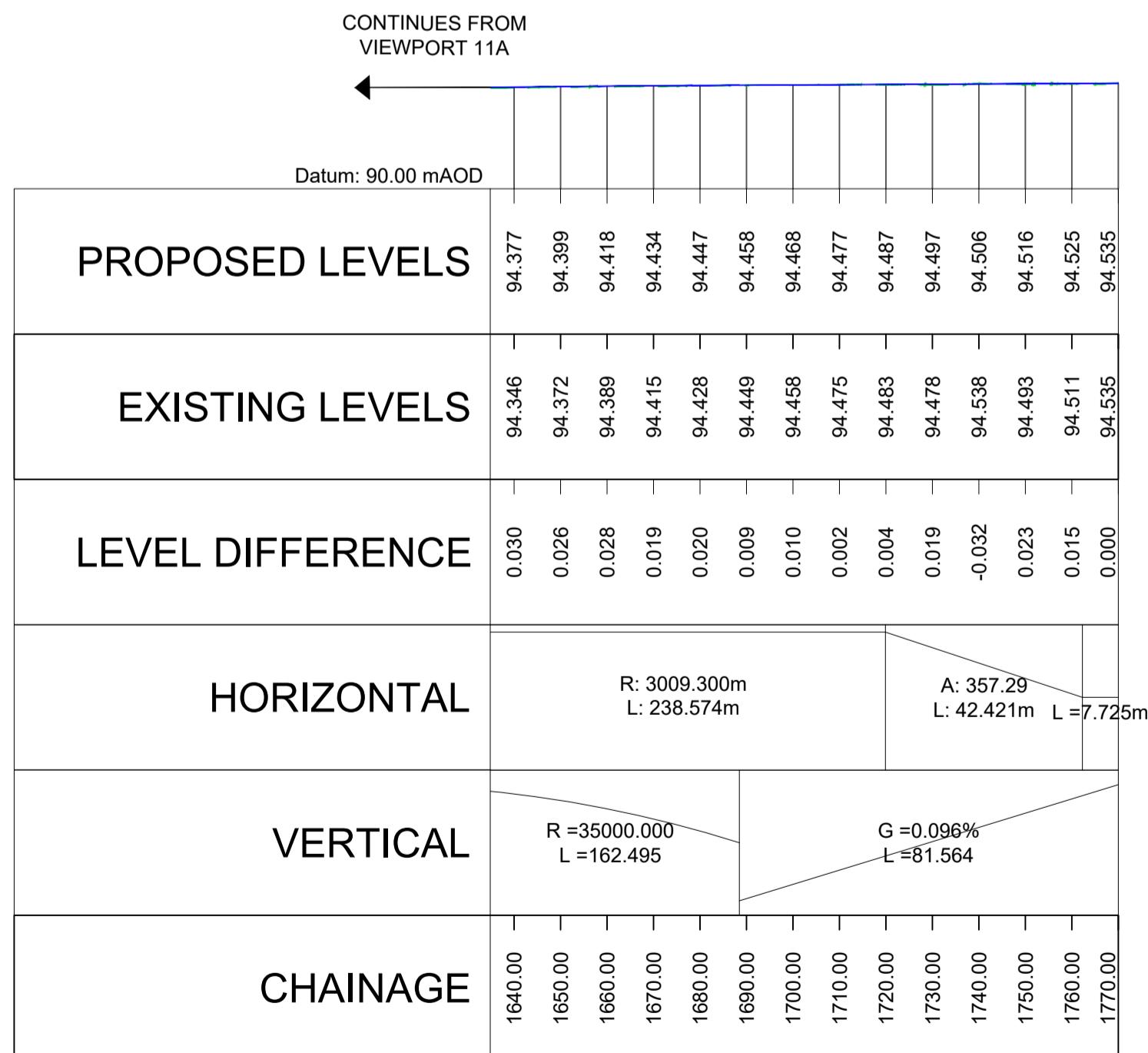
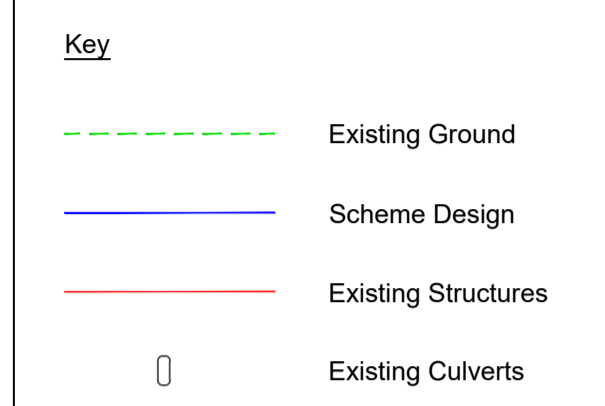
VIEWPORT 10B
M66 MAINLINE SOUTHBOUND LONGITUDINAL SECTION
CH 3550.000 TO CH 3745.600
SCALE: H 1:1250,V 1:250. DATUM: 90.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP	
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd	
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8				
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE							
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 10 OF 23							
Regulation		Regulation 5(2)(O)					
Purpose of issue		DCO APPLICATION					
State Code		PRELIMINARY					
Project Stage		PCF STAGE 3			Drawing status: S4		
Scale at A1 (841x594mm)		AS SHOWN@A1			Rev: P01		
Jacobs No.		B36601F0			Client no. HE548642		
Drawing number		PIN		Originator		Volume	
HE548642 - JAC - LDC -		SII_MLT		-DR- Z -9010			



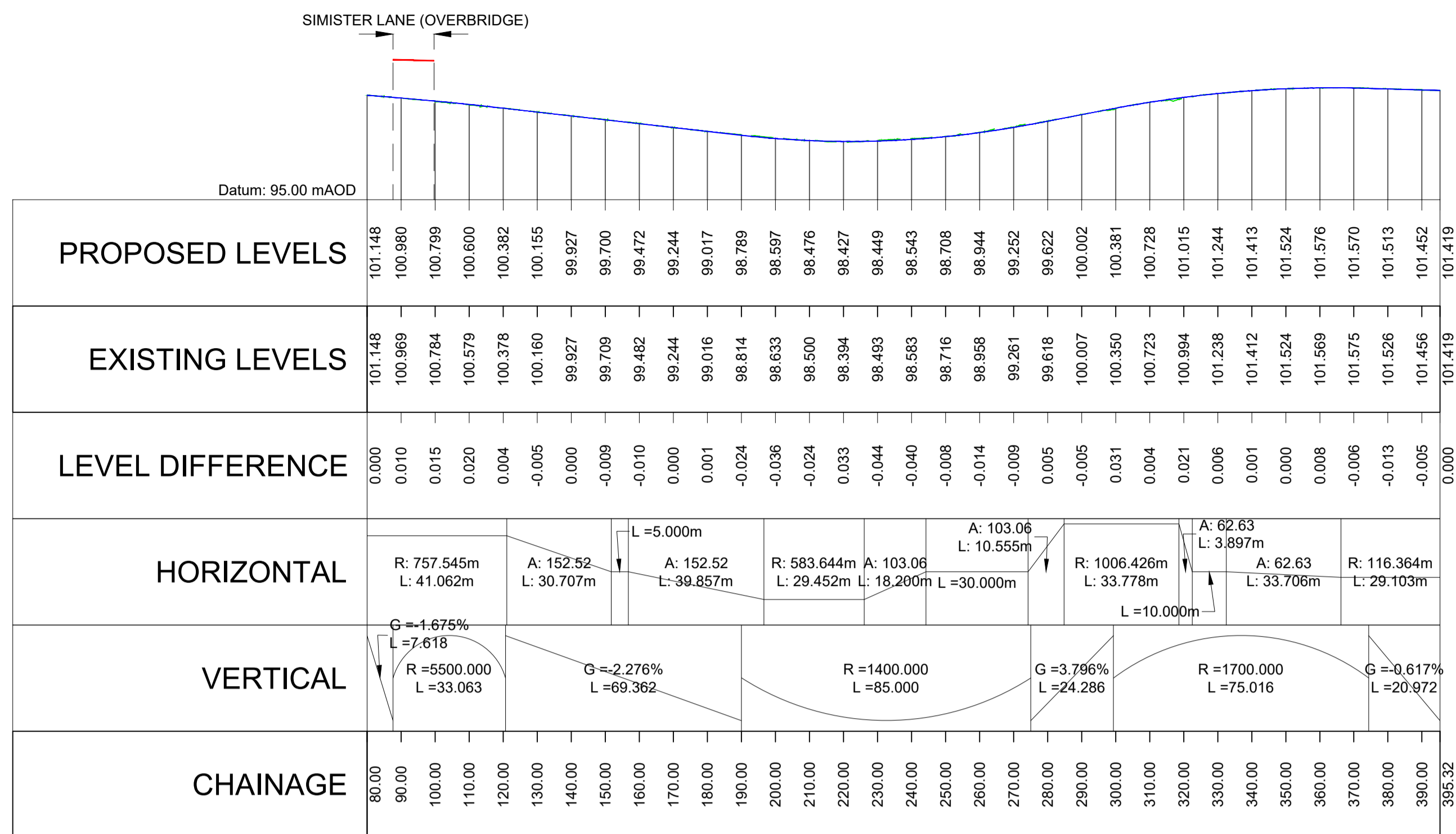
VIEWPORT 11A
M66 MAINLINE NORTHBOUND 01 LONGITUDINAL SECTION
CH 980.000 TO CH 1640.000
SCALE: H 1:1250, V 1:250. DATUM: 90.000

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

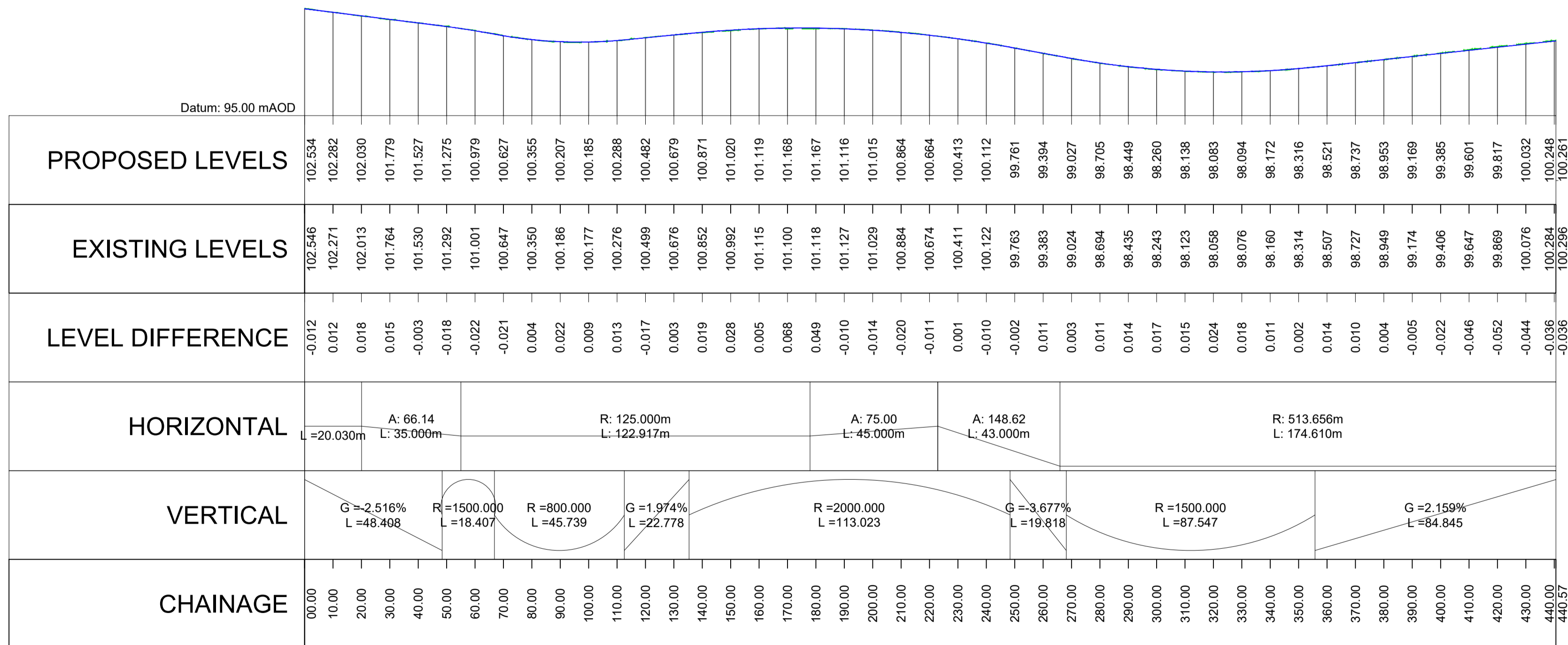


VIEWPORT 11B
M66 MAINLINE NORTHBOUND 01 LONGITUDINAL SECTION
CH 1640.000 TO CH 1770.000
SCALE: H 1:1250, V 1:250. DATUM: 90.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Client:						
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 11 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status: S4	
Scale at A1 (841x594mm)		AS SHOWN@A1			Rev: P01	
Jacobs No.		B36601F0				
Client no.		HE548642				
Drawing number: HE548642 - JAC - LDC - SII_MLT - DR- Z -9011						



VIEWPOINT 12A
M66 MAINLINE NORTHBOUND 02 LONGITUDINAL SECTION
CH 80.00 TO CH 395.320
SCALE: H 1:1250,V 1:250. DATUM: 95.000



VIEWPOINT 12B
JUNCTION 18 SOUTHBOUND MERGE LONGITUDINAL SECTION
CH 0.00 TO CH 440.570
SCALE: H 1:1250,V 1:250. DATUM: 95.000

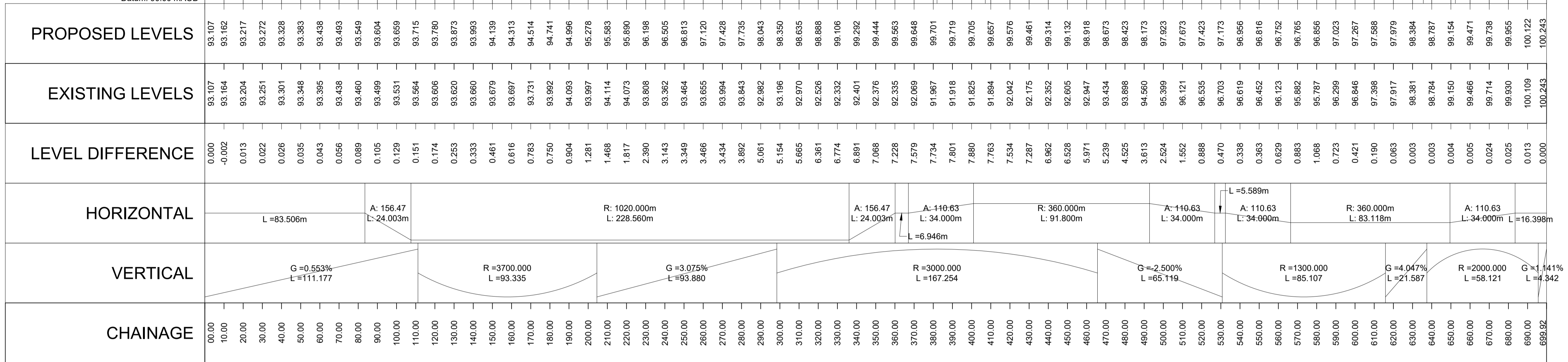
- Notes**
1. This drawing is to be read in conjunction with all other relevant documentation.
 2. Do not scale from this drawing, use only printed dimensions.
 3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

Key

- Existing Ground
- Scheme Design
- Existing Structures
- Existing Culverts

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Client:						
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 12 OF 23						
Regulation			Regulation 5(2)(O)			
Purpose of issue			DCO APPLICATION			
State Code			PRELIMINARY			
Project Stage			PCF STAGE 3		Drawing status S4	
Scale at A1 (841x594mm)			AS SHOWN@A1		Rev P01	
Jacobs No.			B36601F0		Client no. HE548642	
Drawing number			HE548642 - JAC - LDC - SII_MLT			
PIN			Originator		Volume	
Location			Type Role Number		-DR- Z -9012	

Datum: 90.00 mAOD

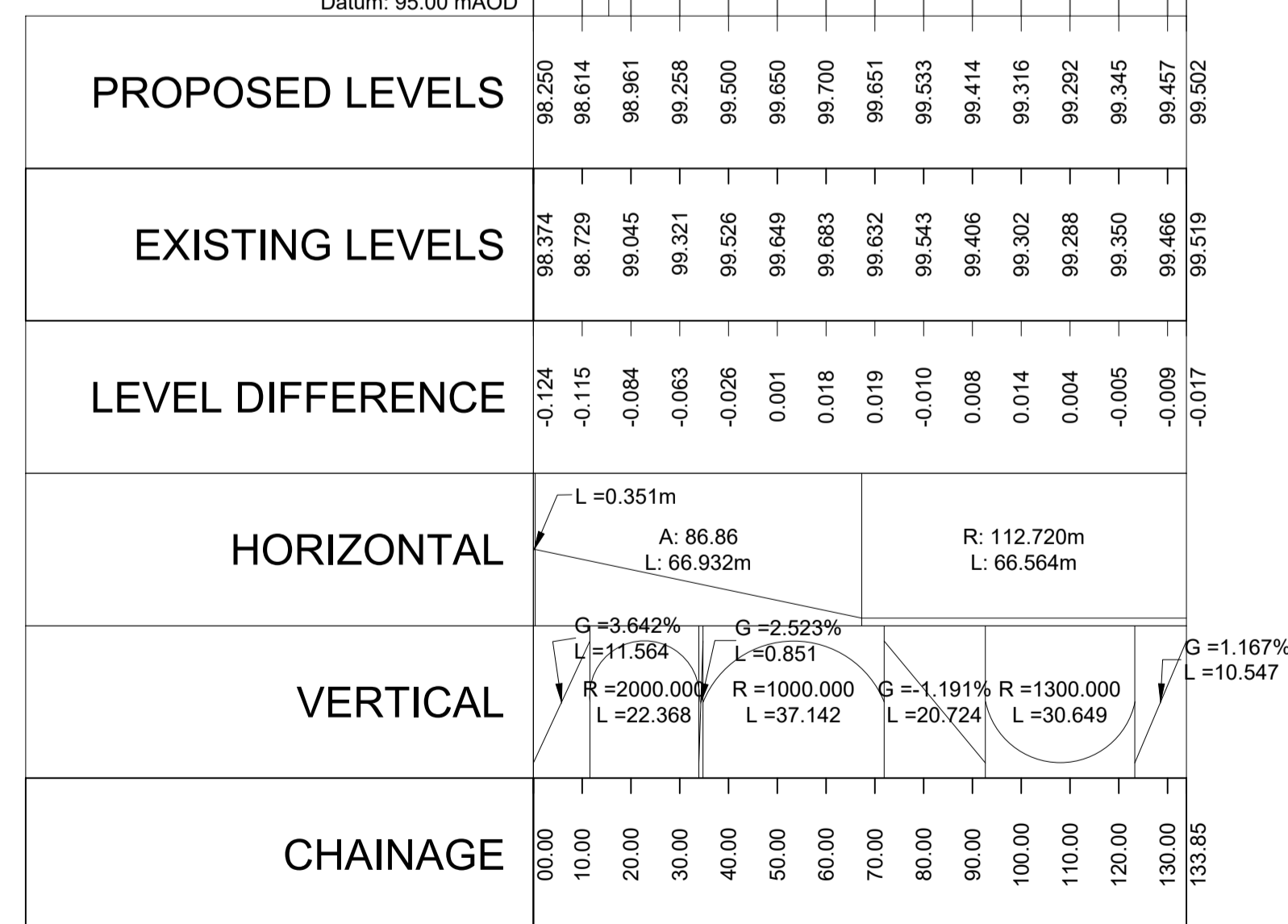


VIEWPORT 13A
 JUNCTION 18 SOUTH BOUND DIVERGE-01 LONGITUDINAL SECTION
 CH 00.000 - 699.920
 SCALE: H 1:1250,V 1:250. DATUM: 90.000

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

- Key**
- Existing Ground
 - Scheme Design
 - Existing Structures
 - Existing Culverts

Datum: 95.00 mAOD



VIEWPORT 13B
 JUNCTION 18 SOUTH BOUND DIVERGE-02 LONGITUDINAL SECTION
 CH 00.000 - 133.850
 SCALE: H 1:1250,V 1:250. DATUM: 95.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
-----	----------	----------------	----	----	----	----

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			



Project
 M60/M62/M66 SIMISTER ISLAND INTERCHANGE

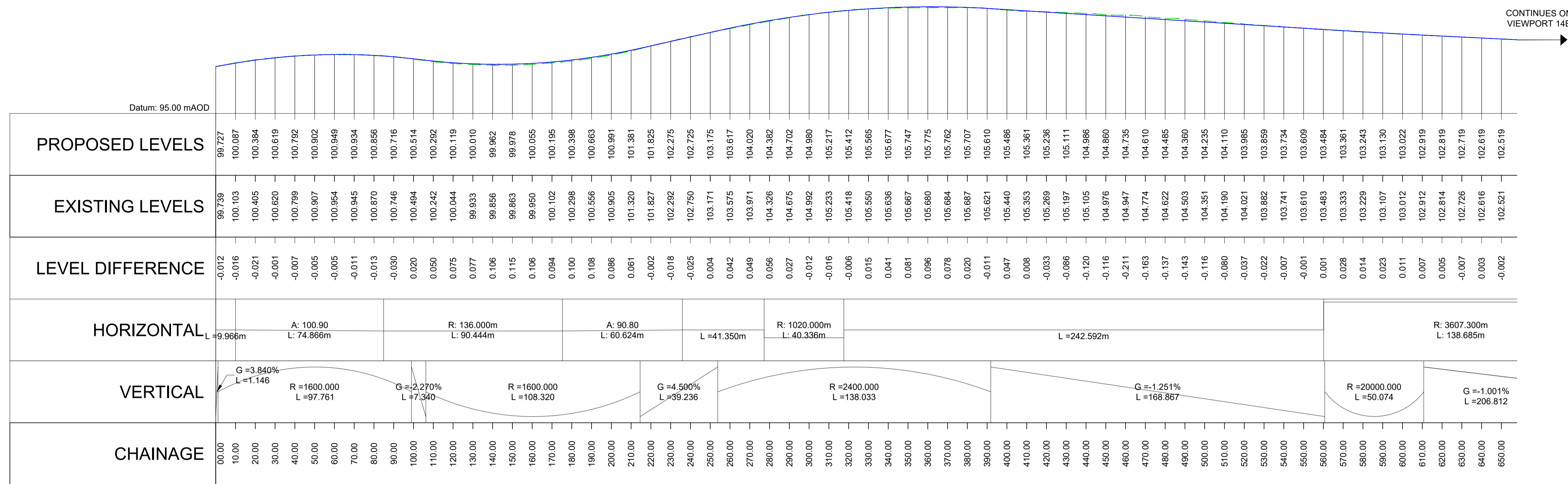
Drawing title
**ENGINEERING SECTION DRAWINGS
 REGULATION 5(2)(O)
 SHEET 13 OF 23**

Regulation	Regulation 5(2)(O)				
Purpose of issue	DCO APPLICATION				
State Code	PRELIMINARY				
Project Stage	PCF STAGE 3	Drawing status	S4		
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev	P01		
Jacobs No.	B36601F0				
Client no.	HE548642				

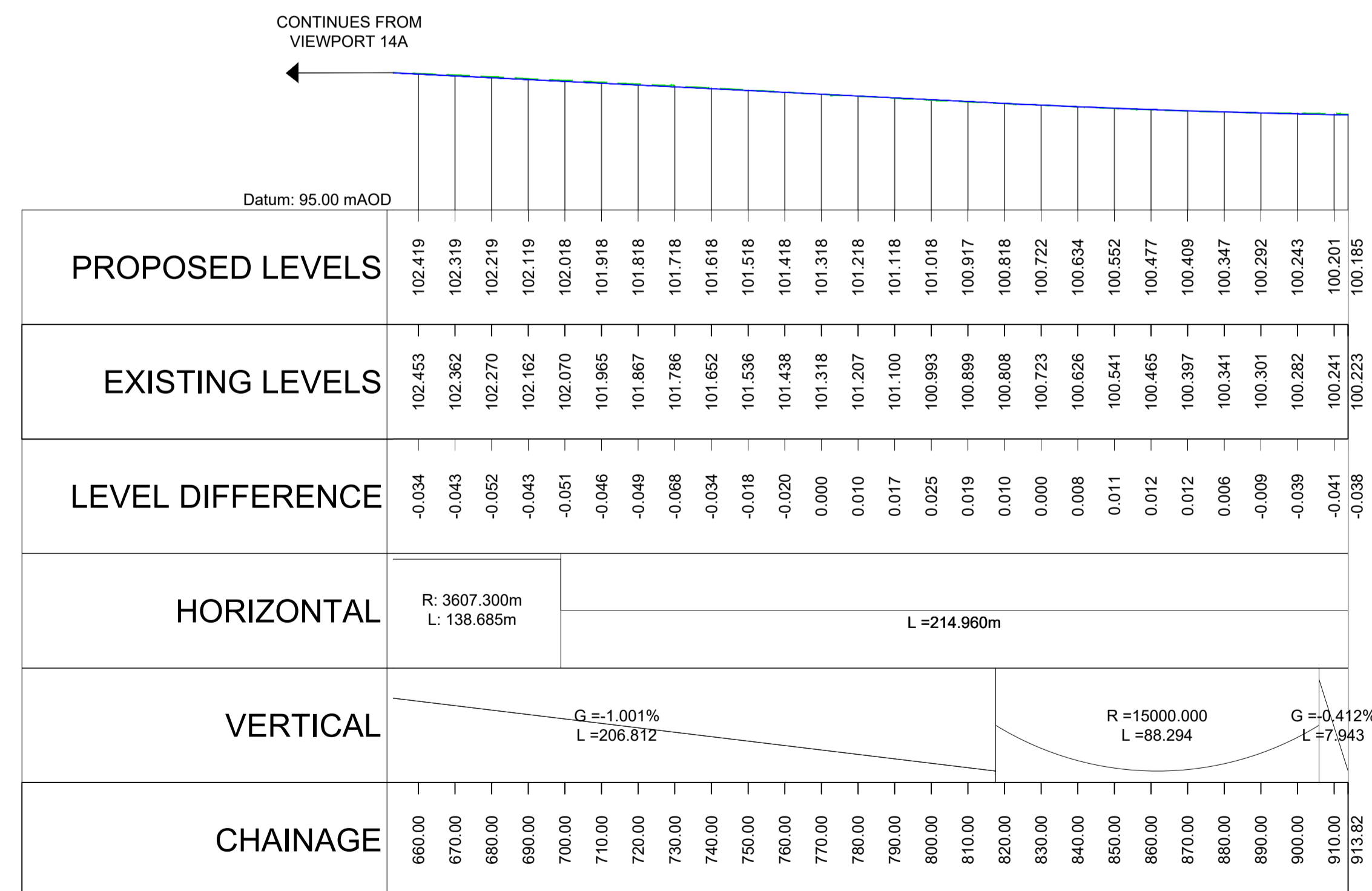
Drawing number	PIN	Originator	Volume
HE548642	-	JAC	- LDC -
SII_MLT			-DR- Z -9013

- Notes
1. This drawing is to be read in conjunction with all other relevant documentation.
 2. Do not scale from this drawing, use only printed dimensions.
 3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

- Key
- Existing Ground
 - Scheme Design
 - Existing Structures
 - Existing Culverts



VIEWPORT 14A
 JUNCTION 18 WESTBOUND MERGE-01 LONGITUDINAL SECTION
 CH 00.000 - 660.000
 SCALE: H 1:1250, V 1:250. DATUM: 95.000

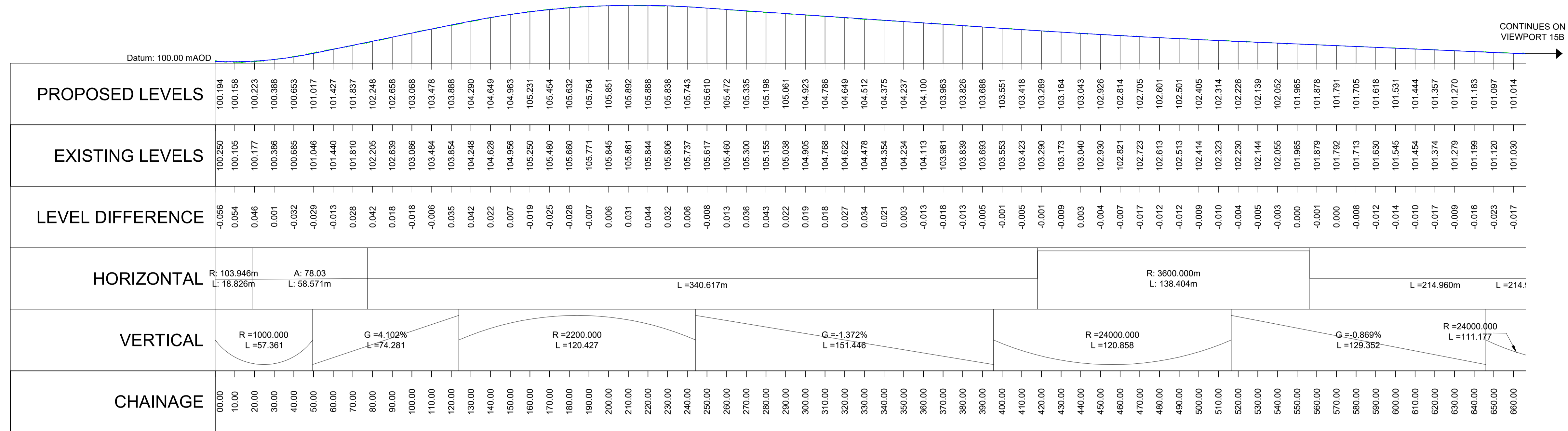


VIEWPORT 14B
 JUNCTION 18 WESTBOUND MERGE-01 LONGITUDINAL SECTION
 CH 660.000 - 913.820
 SCALE: H 1:1250, V 1:250. DATUM: 95.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:		Development Consent Order Drawing Number:				
TR010064		TR010064/APP/2.8				
Client						
Project						
M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title						
<p style="text-align: center;">ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 14 OF 23</p>						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status	
Scale at A1 (841x594mm)		AS SHOWN@A1			S4	
Jacobs No.		B36601F0		Rev		
Client no.		HE548642				
Drawing number		PIN		Originator		
HE548642		JAC		Volume		
SII_MLT		LDC		Location		
				Type Role Number		
				-DR- Z -9014		

C:\working\jacobs_uk_highways_ssa\legint_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9014.dwg - 07/02/2024 13:44:25 - A1 Frame - HUSSAIAS

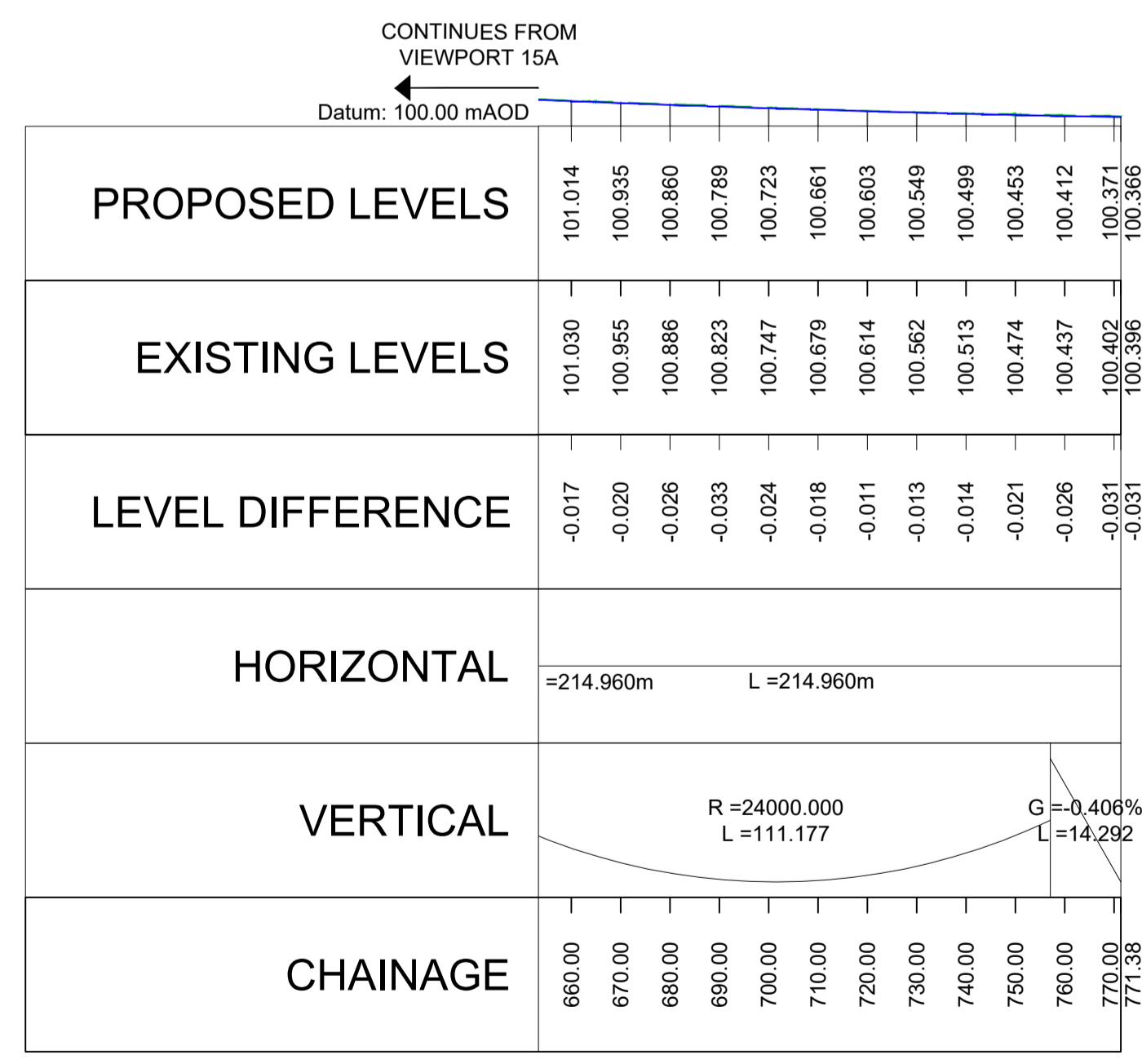
Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2020. All rights reserved. Ordnance Survey Licence number 100030649.



- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.



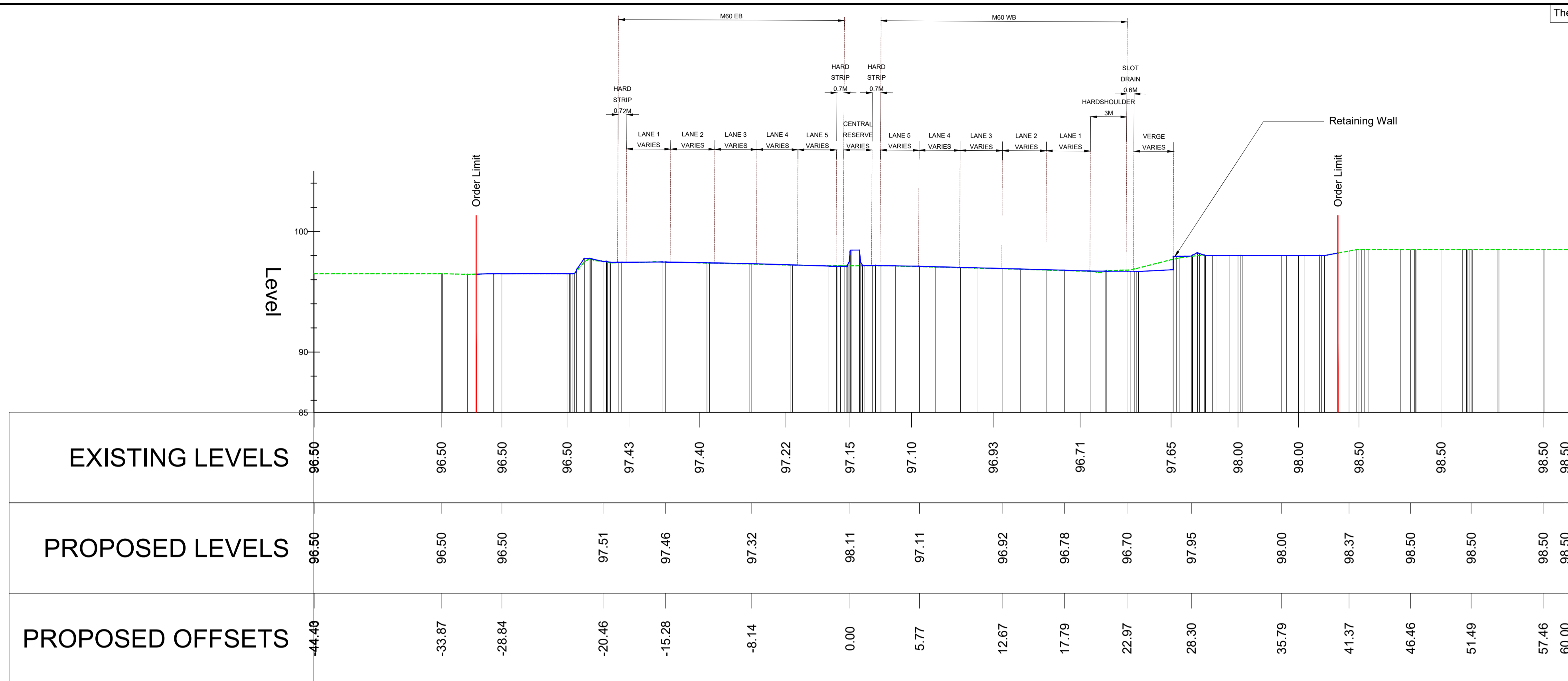
VIEWPORT 15A
 JUNCTION 18 WESTBOUND MERGE-02 LONGITUDINAL SECTION
 CH 00.000 - 660.000
 SCALE: H 1:1250, V 1:250. DATUM: 100.000



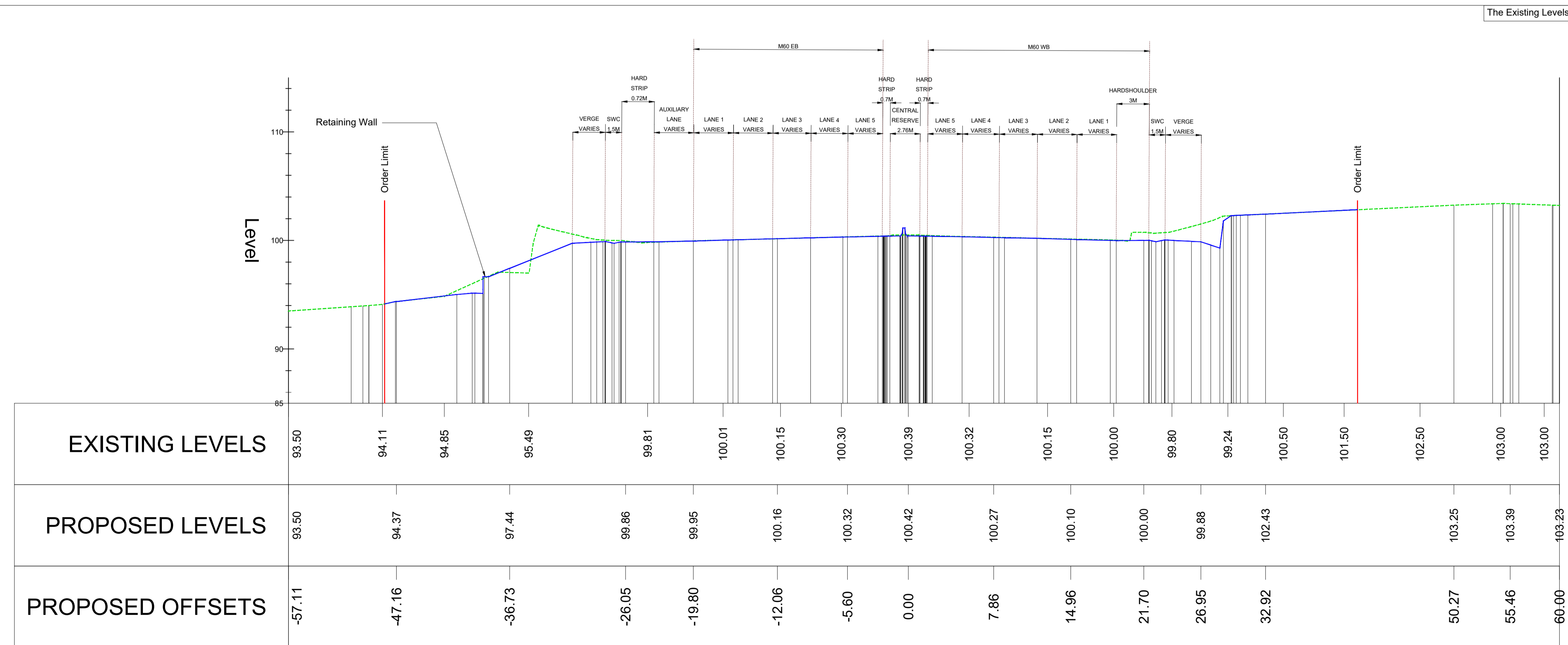
VIEWPORT 15B
 JUNCTION 18 WESTBOUND MERGE-02 LONGITUDINAL SECTION
 CH 660.000 - 771.380
 SCALE: H 1:1250, V 1:250. DATUM: 100.000

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: TR010064/APP/2.8			
Project: M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title: ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 15 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status: S4	
Scale at A1 (841x594mm)		AS SHOWN@A1			Rev: P01	
Jacobs No.		B36601F0				
Client no.		HE548642				
Drawing number		PIN		Originator		
HE548642		JAC		Volume		
SII_MLT		- LDC -		Location		
				Type Role Number		
				-DR- Z -9015		

C:\working\jacobs_uk_highways_ssa\legint_hussiaid0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9016.dwg - 07/02/2024 14:05:53 - A1 Frame - HUSSIAI5



Section : A-A
M60 MAINLINE
CHAINAGE- 1400.000
V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
H SCALE - 1:500



Section : B-B
M60 MAINLINE
CHAINAGE- 2110.000
V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
H SCALE - 1:500

The Existing Levels are taken from Topological Survey.

The Existing Levels are taken from Topological Survey.

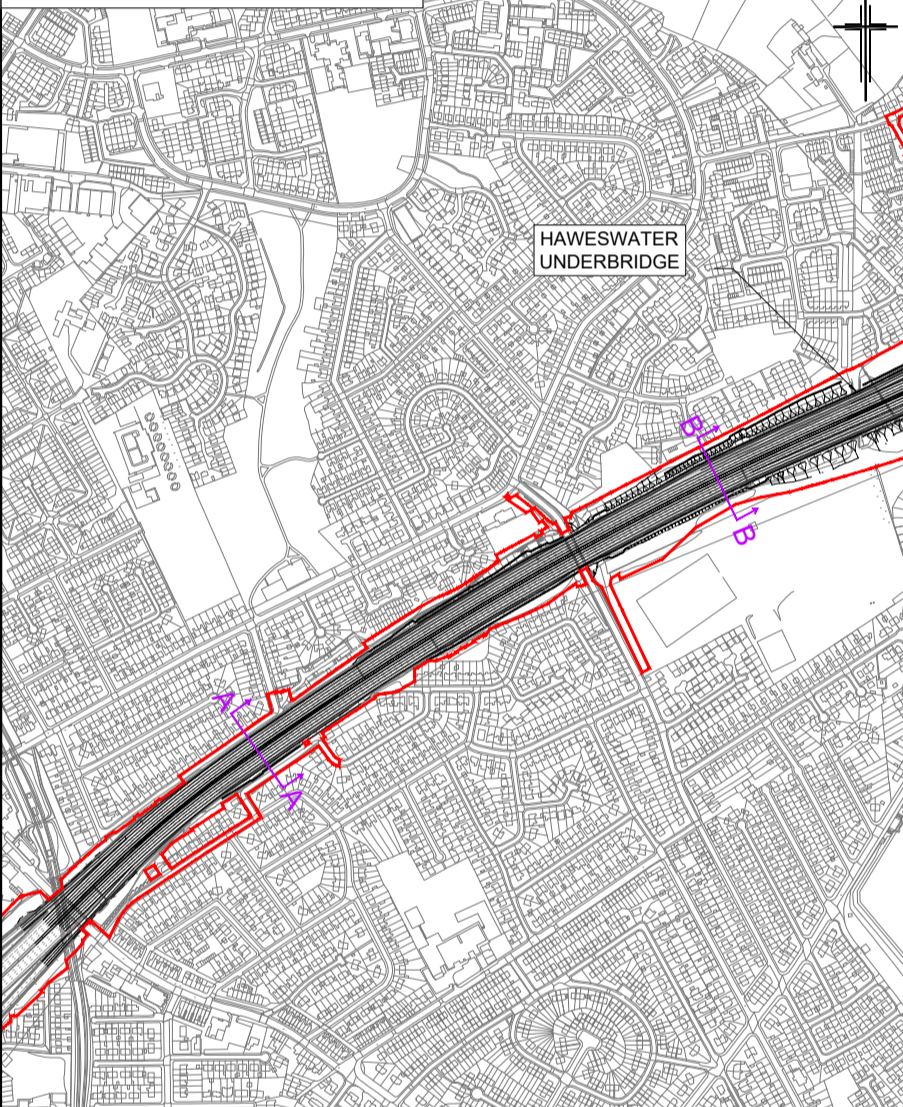
Notes

1. This drawing is to be read in conjunction with all other relevant documentation.
2. Do not scale from this drawing, use only printed dimensions.
3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.
5. The lane widths vary between 3.2m to 4m.

Key

- Existing Ground (dashed green line)
- Scheme Design (solid blue line)
- The Order Limits (red vertical line)
- The Scheme (hatched area)

SECTION LOCATION PLAN



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP

Development Consent Order Number:	TR010064	Development Consent Order Drawing Number:	TR010064/APP/2.8
-----------------------------------	----------	-------------------------------------------	------------------



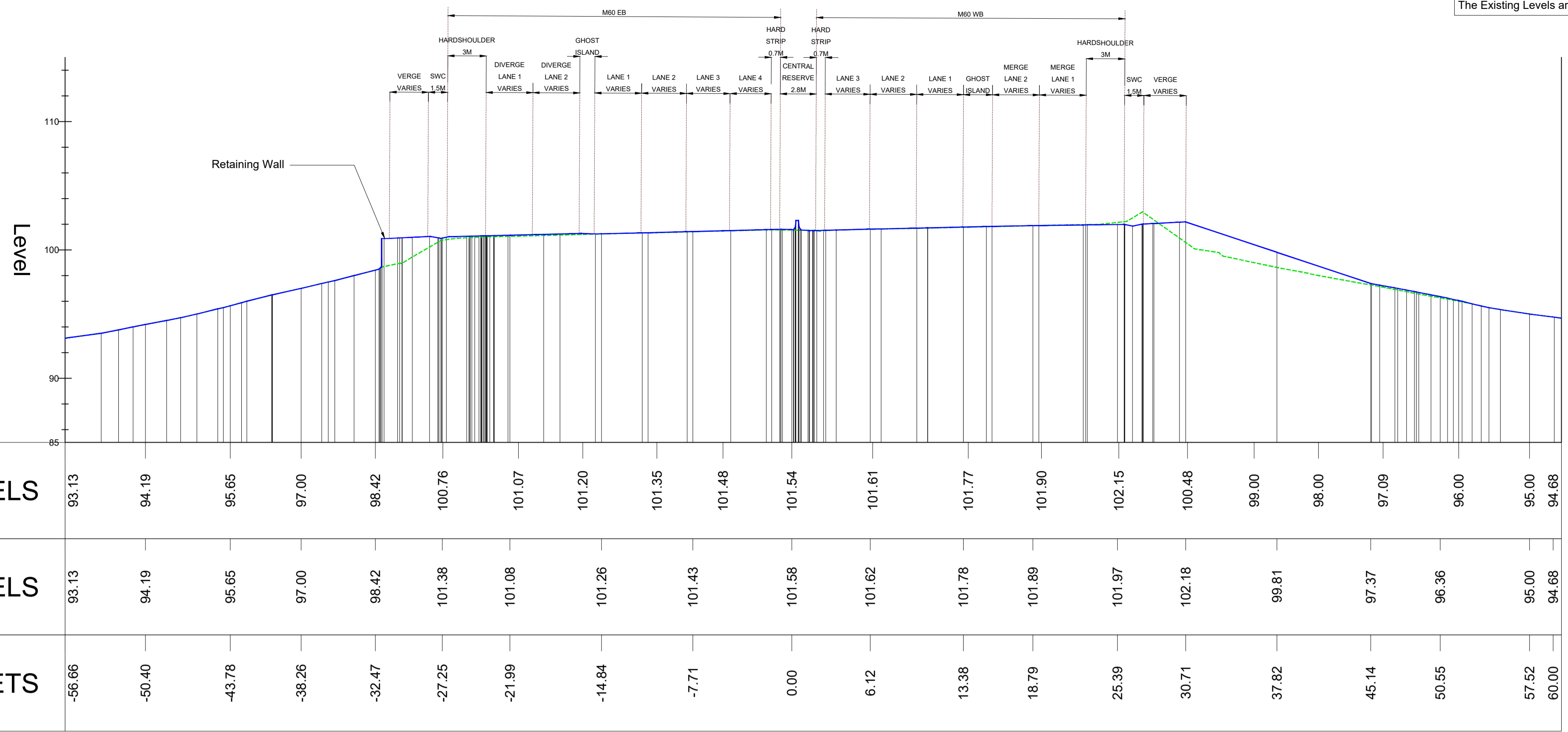
Project
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing title
**ENGINEERING
SECTION DRAWINGS
REGULATION 5(2)(O)
SHEET 16 OF 23**

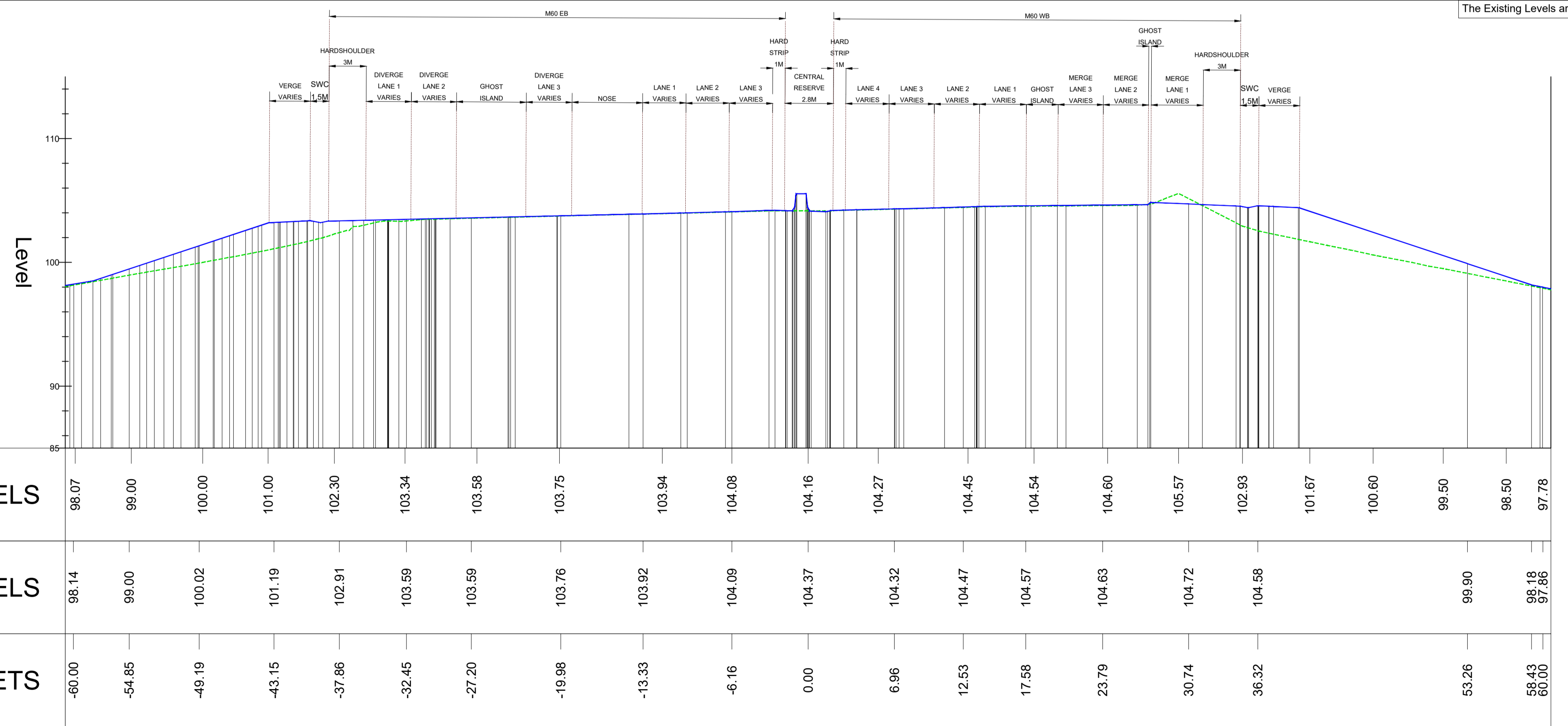
Regulation	Regulation 5(2)(O)		
Purpose of issue	DCO APPLICATION		
State Code	PRELIMINARY		
Project Stage	PCF STAGE 3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev	P01
Jacobs No.	B36601F0		
Client no.	HE548642		

Drawing number	HE548642 - JAC - LDC -	Originator	JAC	Volume	-
PIN	SII_MLT	Location	-DR- Z	Role	-9016

C:\working\jacobs_uk_highways_ssa\legint_hussaiad0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9017.dwg - 07/02/2024 14:13:10 - A1 Frame - HUSSAIAS



Section : C-C
M60 MAINLINE
CHAINAGE- 2360.000
V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
H SCALE - 1:500



Section : D-D
M60 MAINLINE
CHAINAGE- 2600.000
V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
H SCALE - 1:500

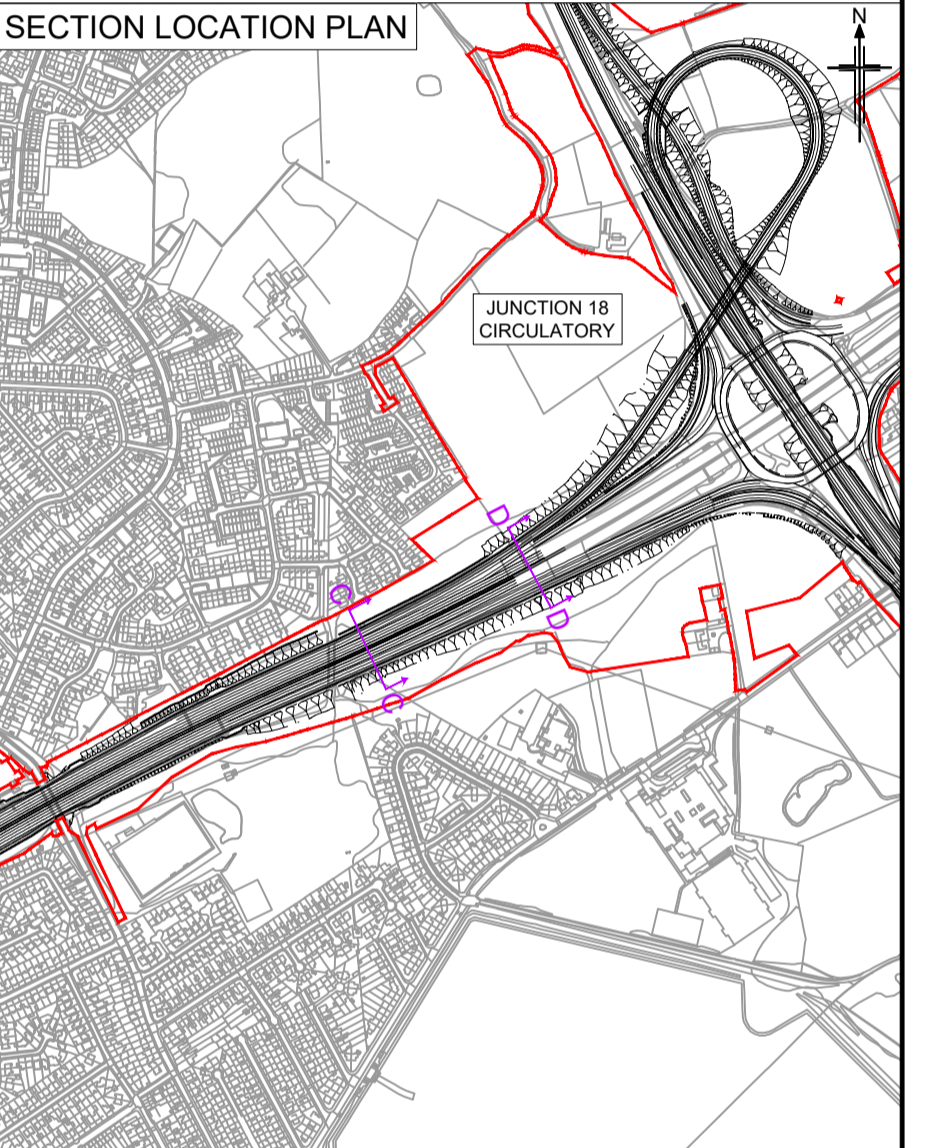
The Existing Levels are taken from Topological Survey.

The Existing Levels are taken from Topological Survey.

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.
 - The lane widths vary between 3.2m to 4m.

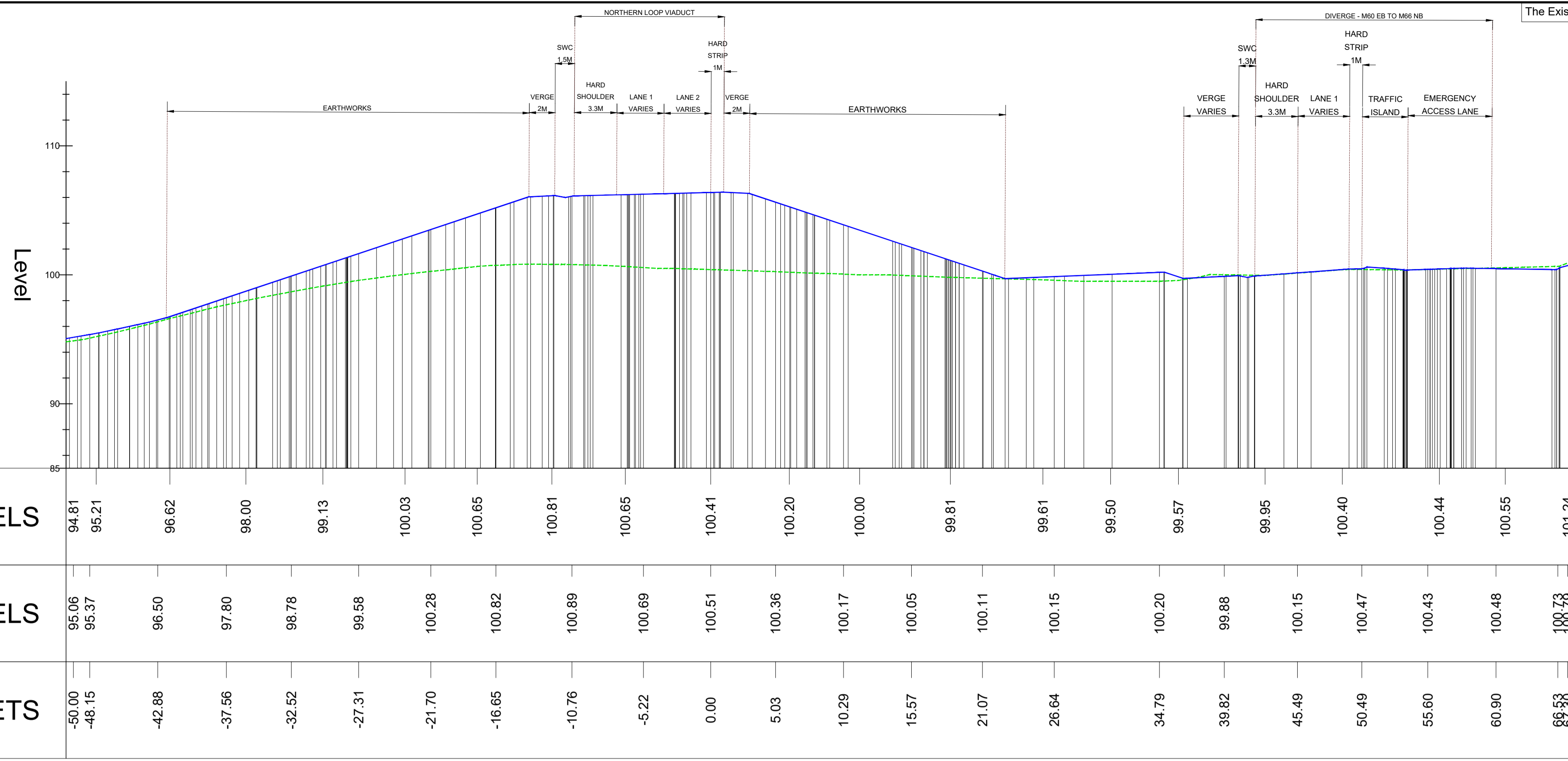
Key

- Existing Ground
- Scheme Design
- The Order Limits
- The Scheme



P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010064			TR010064/APP/2.8			
Project M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 17 OF 23						
Regulation			Regulation 5(2)(O)			
Purpose of issue			DCO APPLICATION			
State Code			PRELIMINARY			
Project Stage			PCF STAGE 3		Drawing status	
Scale at A1 (841x594mm)			AS SHOWN@A1		S4	
Jacobs No.			B36601F0		Rev	
Client no.			HE548642		P01	
Drawing number			PIN		Originator	
HE548642			JAC		Volume	
Location			SII_MLT		Type	
					Role	
					Number	
					-DR- Z -9017	

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2024. All rights reserved. Ordnance Survey Licence number 100030649.

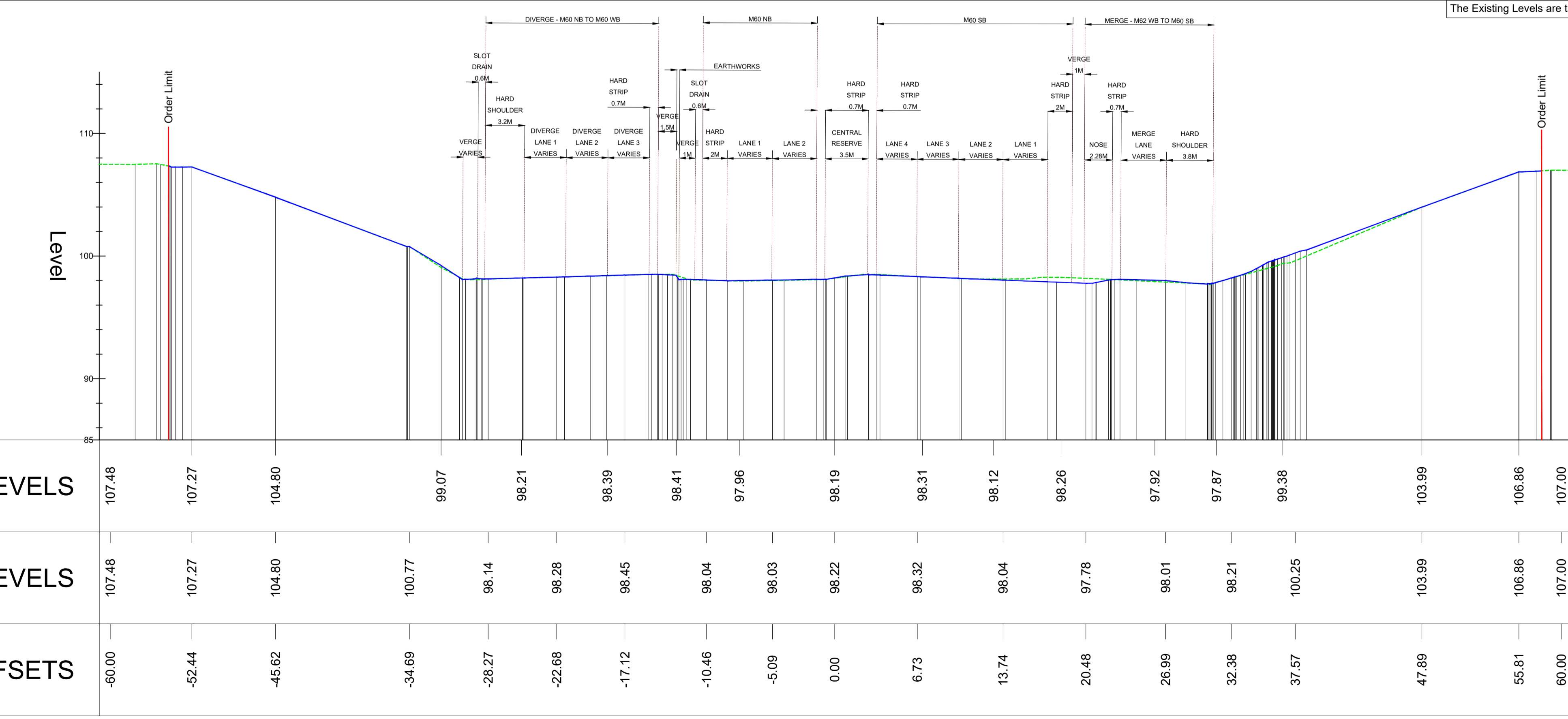
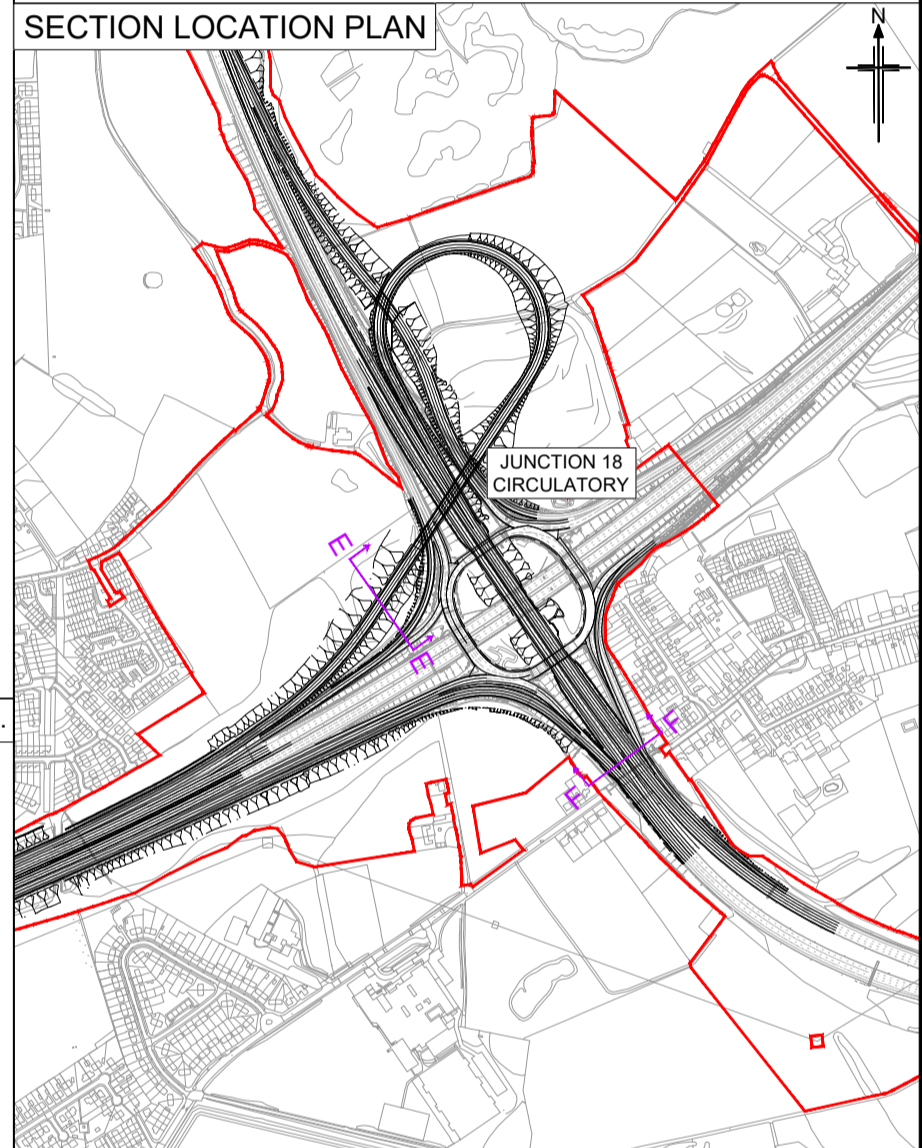


Section : E-E
 NORTHERN LOOP
 CHAINAGE- 550.000
 V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
 H SCALE - 1:500

- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.
 - The lane widths vary between 3.2m to 4m.

Key

- Existing Ground
- Scheme Design
- The Order Limits
- The Scheme



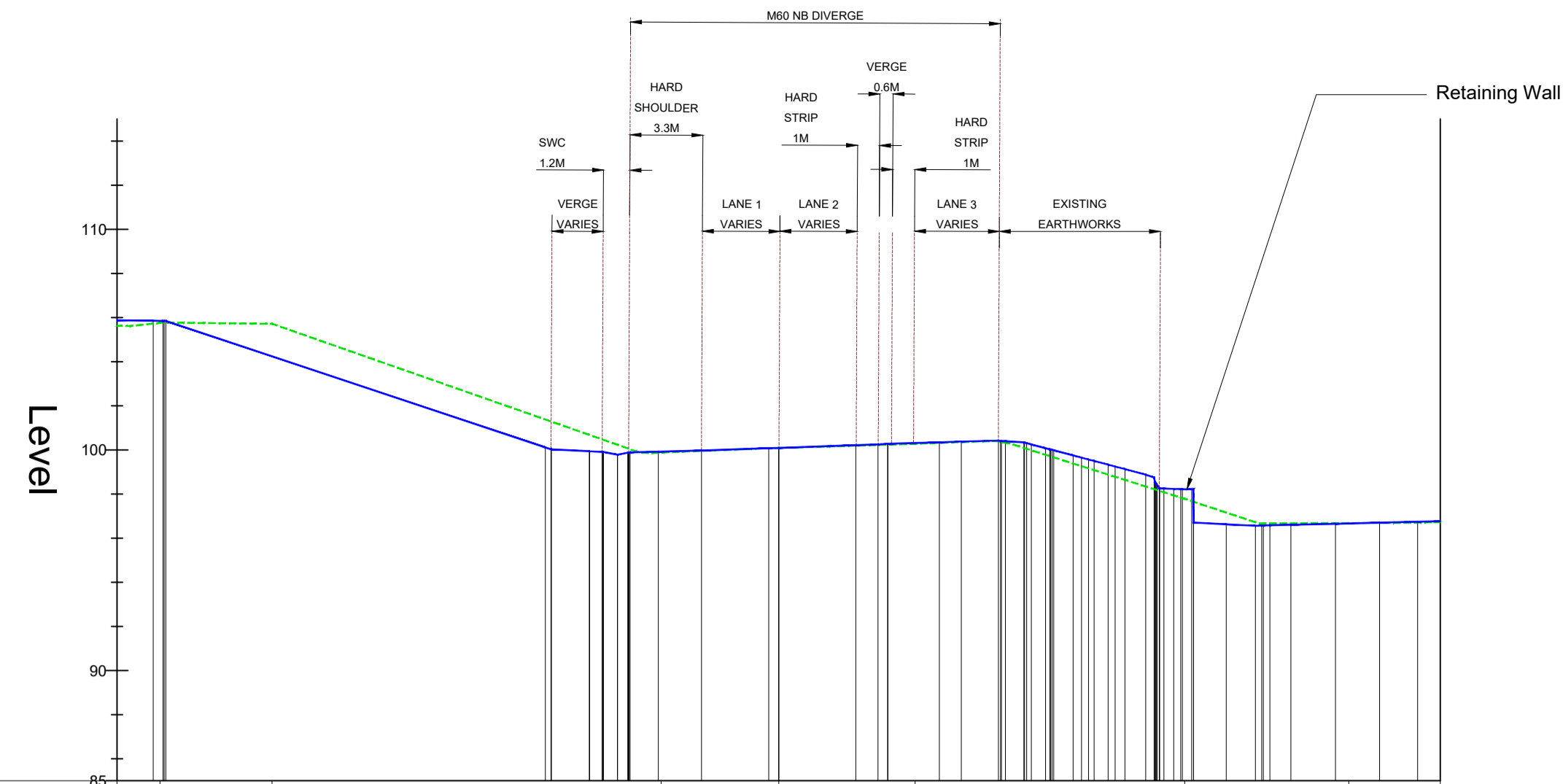
Section : F-F
 M66 MAINLINE
 CHAINAGE- 1135.000
 V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
 H SCALE - 1:500

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Number:			
TR010064			TR010064/APP/2.8			
Client						
Project						
M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title						
ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 18 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status	
Scale at A1 (841x594mm)		AS SHOWN@N/A			S4	
Jacobs No.		B36601F0			Rev	
Client no.		HE548642			P01	
Drawing number						
PIN		Originator		Volume		
HE548642		JAC		- LDC -		
Location		Type		Role		
SII_MLT		-DR-		Z -9018		

C:\working\jacobs_uk_highways_ssa\legint_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9018.dwg - 07/02/2024 14:14:46 - A1 Frame - HUSSAIAS

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2024. All rights reserved. Ordnance Survey Licence number 100030649.

The Existing Levels are taken from Topological Survey.



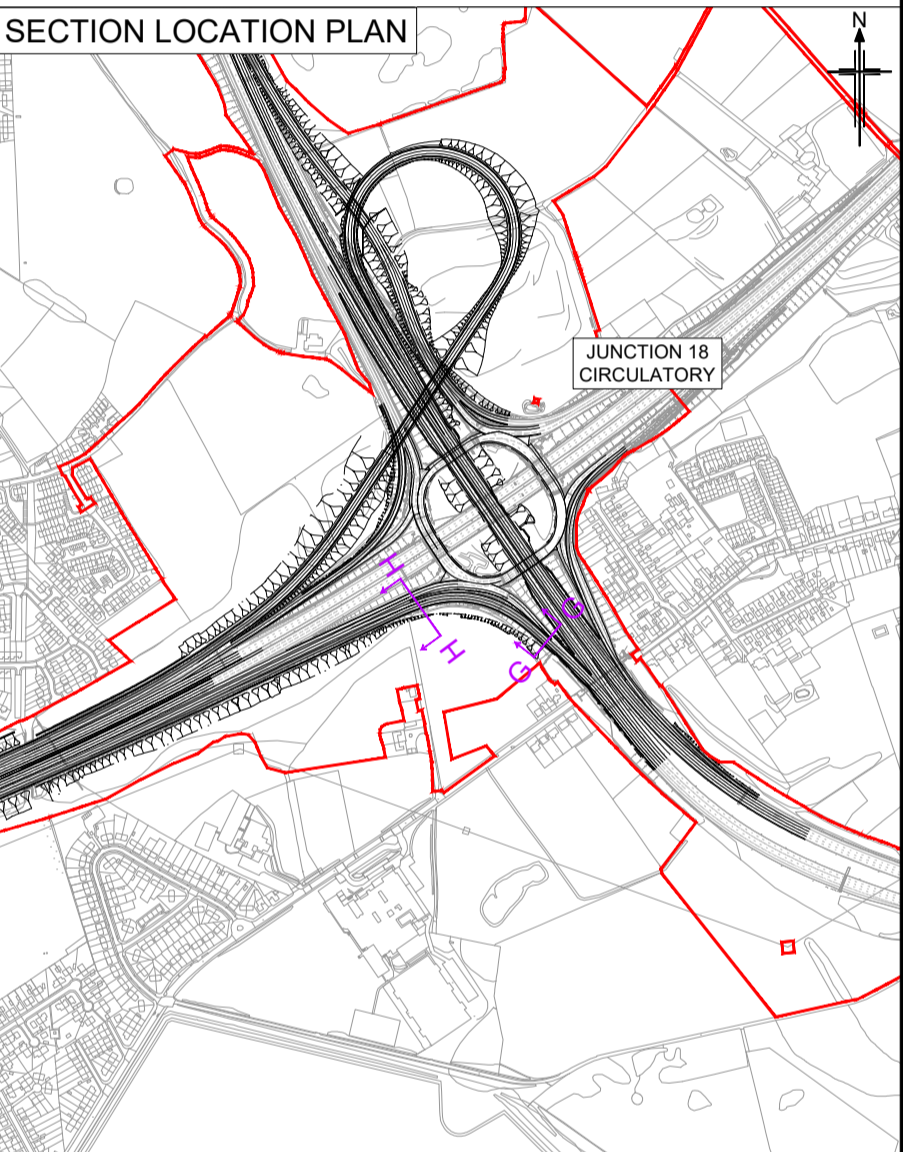
EXISTING LEVELS	105.63 105.76	105.72		99.87	100.09	100.27		97.78	96.69	96.73
PROPOSED LEVELS	105.87 105.85		100.11	99.92	100.09	100.35	100.03	98.25	96.61	96.74
PROPOSED OFFSETS	-30.00 -27.79		-10.58	-5.46	0.00	7.28	12.29	17.47	23.23	28.96

Section : G-G
 JUNCTION 18 WEST BOUND MERGE
 CHAINAGE- 10.000
 V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
 H SCALE - 1:500

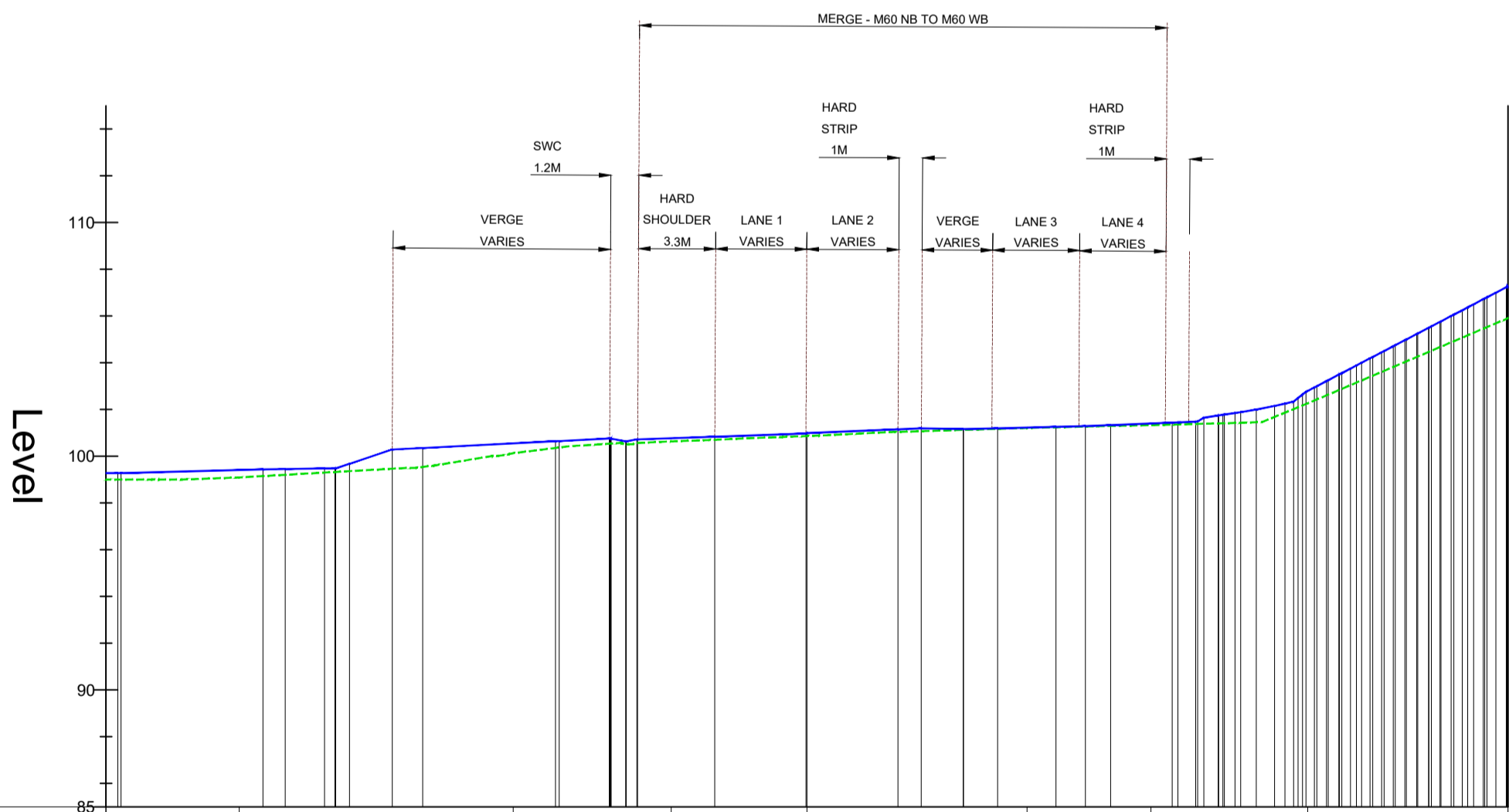
- Notes**
1. This drawing is to be read in conjunction with all other relevant documentation.
 2. Do not scale from this drawing, use only printed dimensions.
 3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.
 5. The lane widths vary between 3.2m to 4m.

Key

- Existing Ground (dashed green line)
- Scheme Design (solid blue line)
- The Order Limits (red line)
- The Scheme (hatched area)



The Existing Levels are taken from Topological Survey.



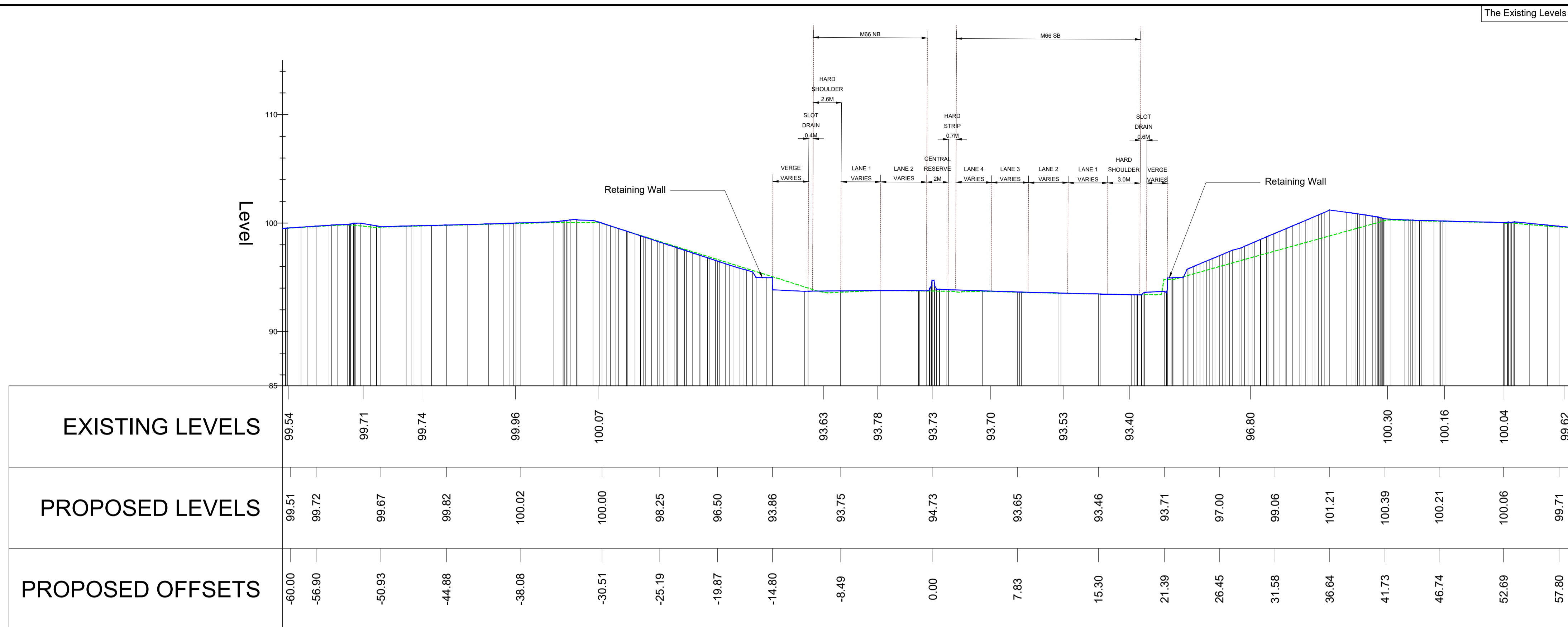
EXISTING LEVELS	99.00	99.09	100.13	100.64	100.86	101.21	101.33	102.26	105.91
PROPOSED LEVELS	99.28	99.45	100.35	100.72	100.99	101.16	101.29	101.65	106.00 107.27
PROPOSED OFFSETS	-29.36	-22.33	-16.45	-7.25	0.00	6.69	11.91	16.98	27.57 30.00

Section : H-H
 JUNCTION 18 WEST BOUND MERGE
 CHAINAGE- 200.000
 V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
 H SCALE - 1:500

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010064			TR010064/APP/2.8			
Client 						
Project M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 19 OF 23						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status	
Scale at A1 (841x594mm)		@N/A			S4	
Jacobs No.		B36601F0			Rev	
Client no.		HE548642			P01	
Drawing number PIN Originator Volume HE548642 - JAC - LDC - Location Type Role Number SII_MLT DR- Z -9019						

C:\working\jacobs_uk_highways_ssa\legintl_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9019.dwg - 07/02/2024 14:16:55 - A1 Frame - HUSSAIAS

C:\working\jacobs_uk_highways_ssa\legint_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9020.dwg - 07/02/2024 14:19:17 - A1 Frame - HUSSAIAS



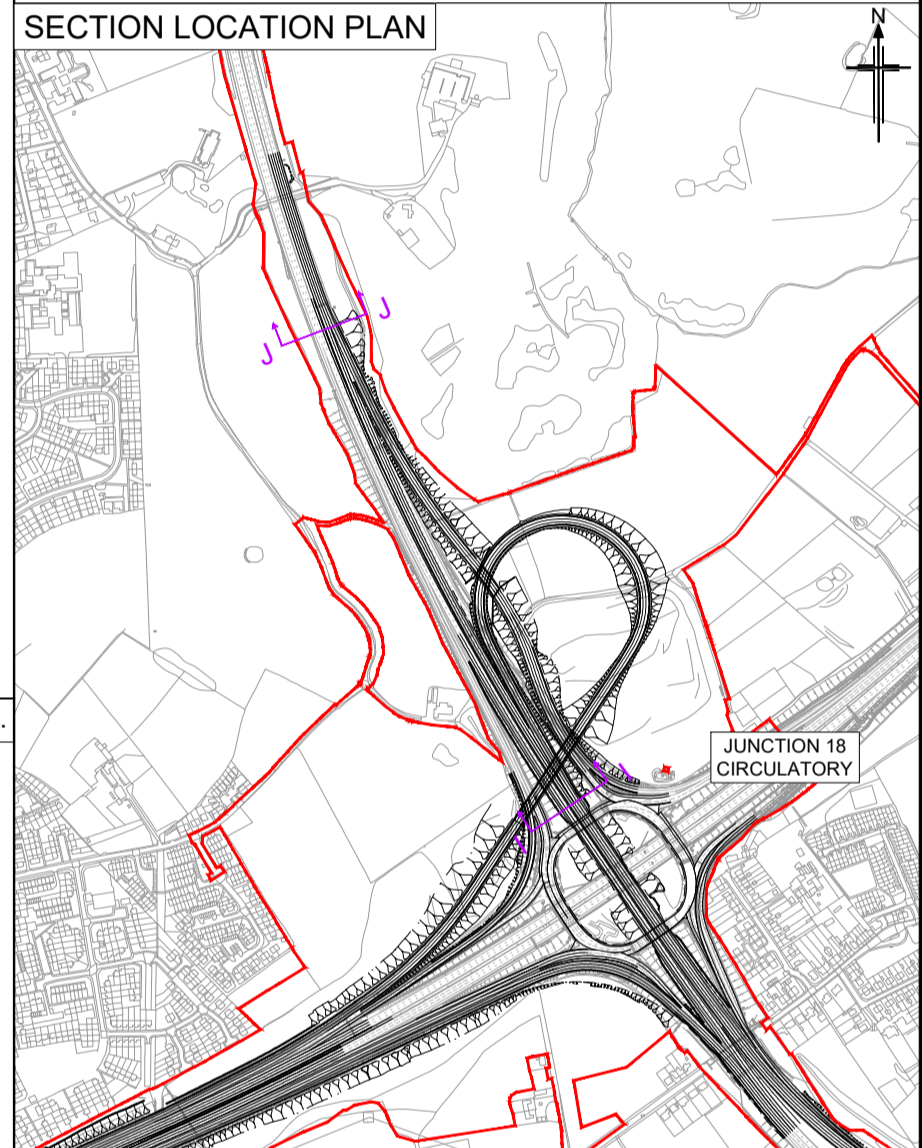
Section : I-I
M66 MAINLINE
CHAINAGE- 1500.000
V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
H SCALE - 1:500

The Existing Levels are taken from Topological Survey.

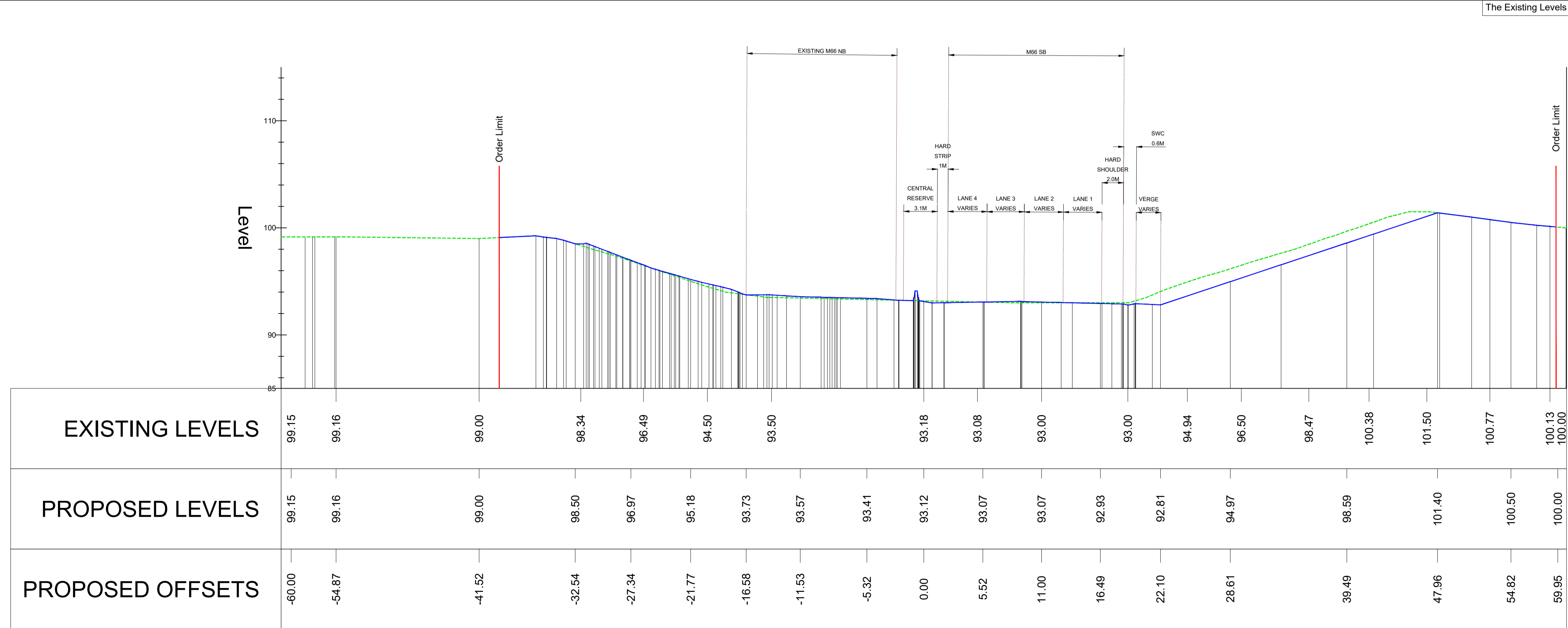
- Notes**
- This drawing is to be read in conjunction with all other relevant documentation.
 - Do not scale from this drawing, use only printed dimensions.
 - All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
 - This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.
 - The lane widths vary between 3.2m to 4m.

Key

- Existing Ground (dashed green line)
- Scheme Design (solid blue line)
- The Order Limits (solid red line)
- The Scheme (hatched area)



The Existing Levels are taken from Topological Survey.

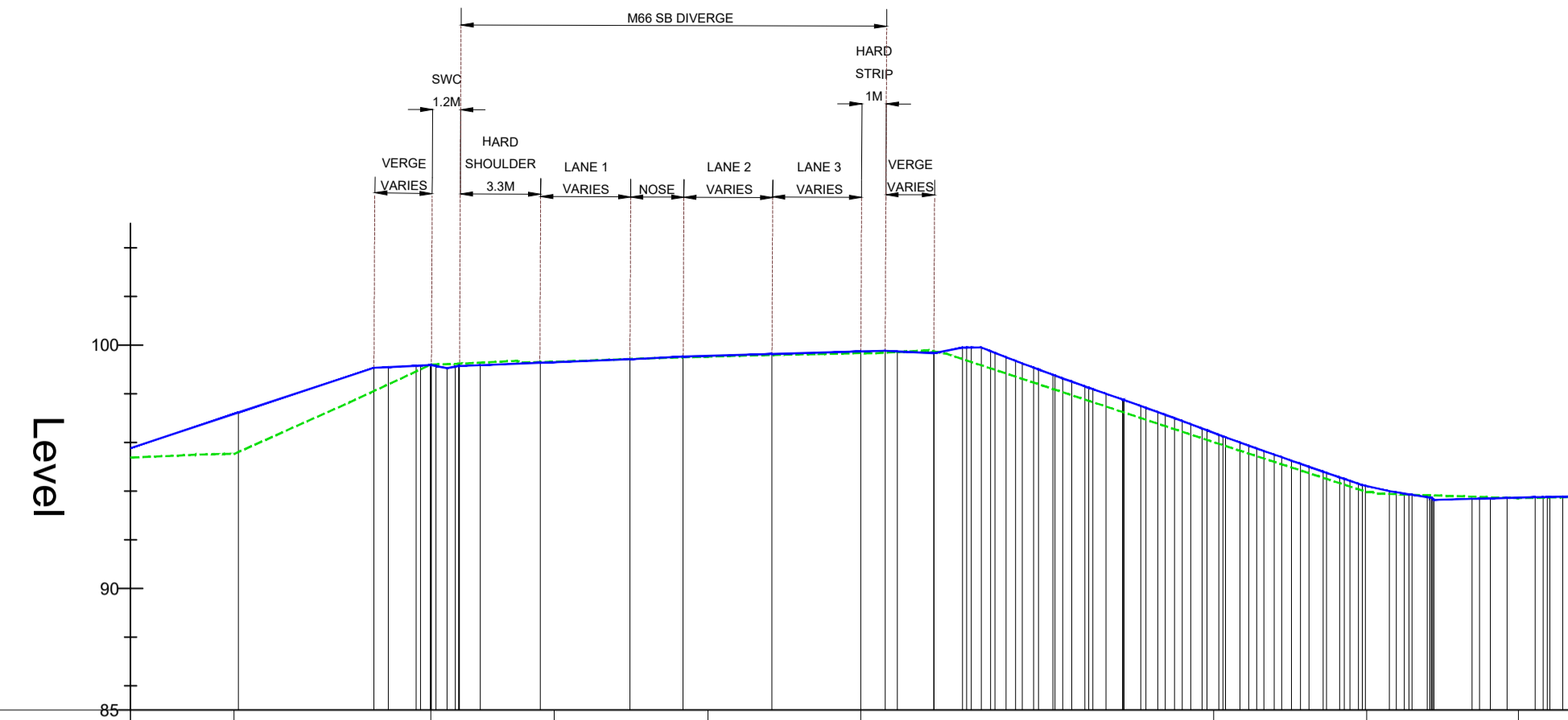


Section : J-J
M66 MAINLINE
CHAINAGE- 2210.000
V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
H SCALE - 1:500

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Number:			
TR010064			TR010064/APP/2.8			
Client						
Project						
M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing title						
<p align="center">ENGINEERING SECTION DRAWINGS REGULATION 5(2)(O) SHEET 20 OF 23</p>						
Regulation		Regulation 5(2)(O)				
Purpose of issue		DCO APPLICATION				
State Code		PRELIMINARY				
Project Stage		PCF STAGE 3			Drawing status	
Scale at A1 (841x594mm)		AS SHOWN@A1			S4	
Jacobs No.		B36601F0			Rev	
Client no.		HE548642			P01	
Drawing number						
PIN		Originator		Volume		
HE548642		JAC		- LDC -		
Location		Type		Role		
SII_MLT		-DR-		Z -9020		

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2024. All rights reserved. Ordnance Survey Licence number 100030649.

The Existing Levels are taken from Topological Survey.



EXISTING LEVELS	95.38	95.52	99.20	99.32	99.52	99.67	96.01	93.97	93.71	93.77
PROPOSED LEVELS	95.77	97.23	99.15	99.27	99.53	99.74	99.75	97.76	95.87	94.00
PROPOSED OFFSETS	-30.00	-25.57	-18.27	-13.17	-7.30	0.00	5.33	10.75	15.94	21.71

Section : K-K
 JUNCTION 18 SOUTH BOUND DIVERGE
 CHAINAGE- 670.000
 V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
 H SCALE - 1:500

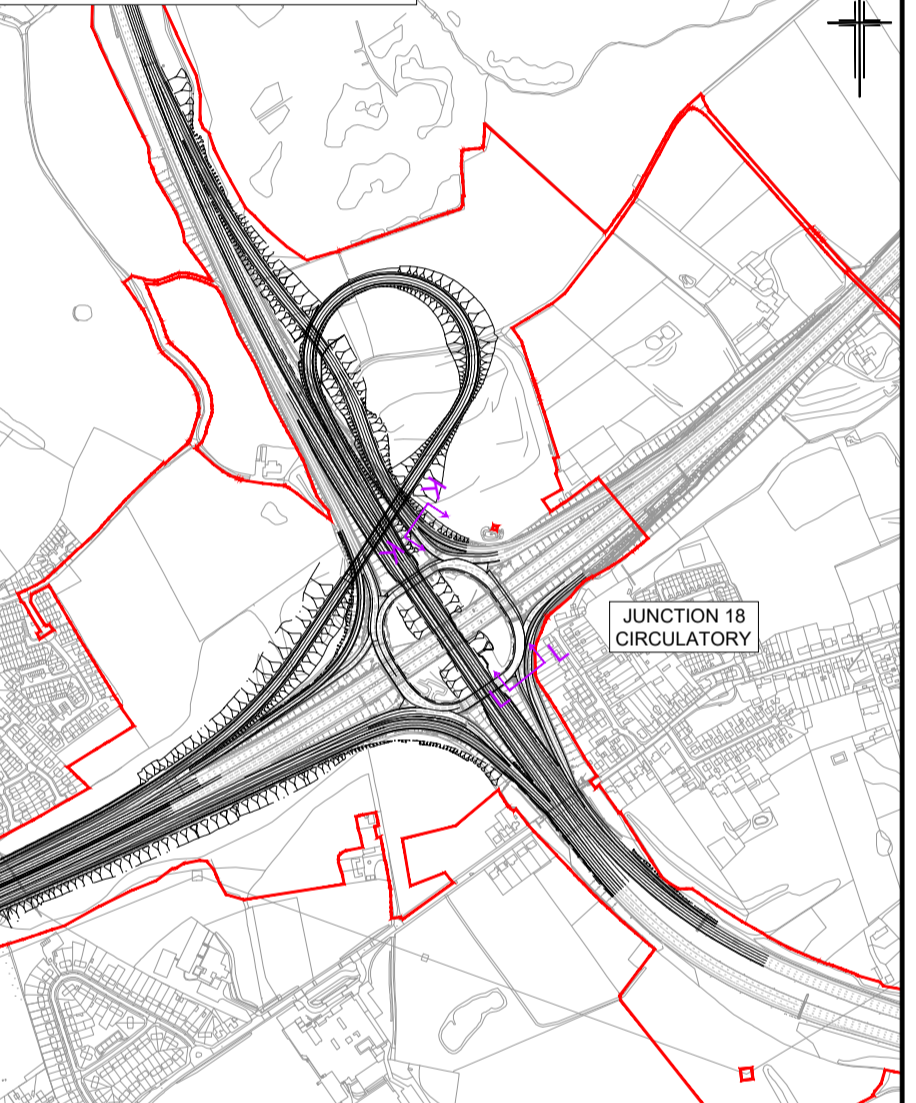
Notes

1. This drawing is to be read in conjunction with all other relevant documentation.
2. Do not scale from this drawing, use only printed dimensions.
3. All dimensions in millimetres, all chainages, levels and coordinates are in metres unless defined otherwise.
4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.
5. The lane widths vary between 3.2m to 4m.

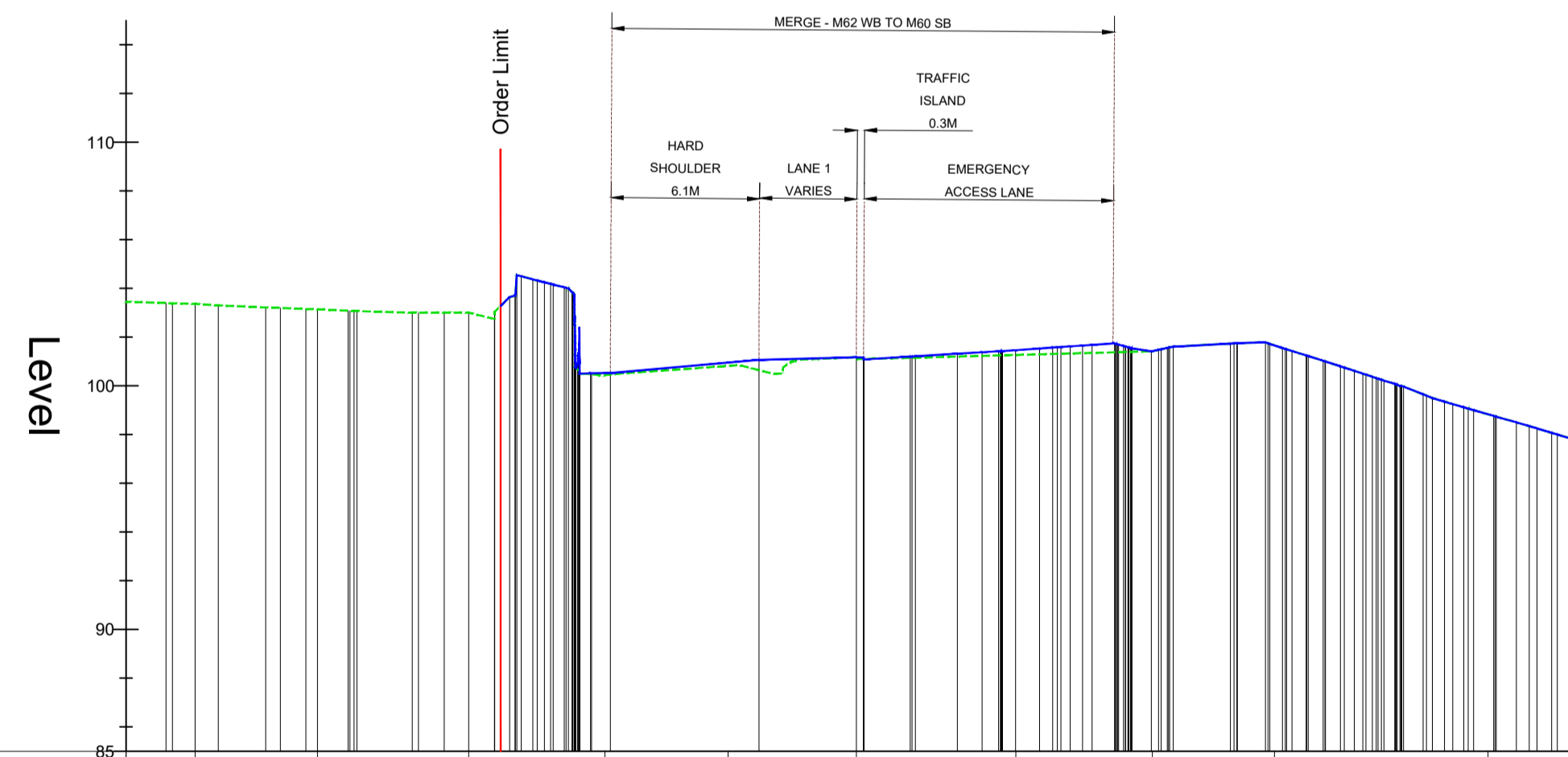
Key

- Existing Ground
- Scheme Design
- The Order Limits
- The Scheme

SECTION LOCATION PLAN



The Existing Levels are taken from Topological Survey.



EXISTING LEVELS	103.45	103.36	103.14	103.00	100.45	100.80	101.05	101.23	101.39	101.45	99.79	97.63
PROPOSED LEVELS	103.45	103.36	103.14	103.00	100.53	101.17	101.38	101.74	101.75	100.50	98.76	97.64
PROPOSED OFFSETS	-30.00	-27.16	-22.13	-15.92	-10.11	0.00	5.16	10.60	15.64	20.81	26.19	30.00

Section : L-L
 JUNCTION 18 SOUTH BOUND MERGE
 CHAINAGE- 170.000
 V SCALE - 1:500 (VERTICAL EXAGGERATION X1)
 H SCALE - 1:500

P01	07/02/24	DCO SUBMISSION	AM	TA	AP	AP
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number:	TR010064	Development Consent Order Drawing Number:	TR010064/APP/2.8
-----------------------------------	----------	-------------------------------------------	------------------



Project
 M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing title
ENGINEERING
SECTION DRAWINGS
REGULATION 5(2)(O)
SHEET 21 OF 23





Regulation	Regulation 5(2)(O)		
Purpose of issue	DCO APPLICATION		
State Code	PRELIMINARY		
Project Stage	PCF STAGE 3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev	P01
Jacobs No.	B36601F0		
Client no.	HE548642		

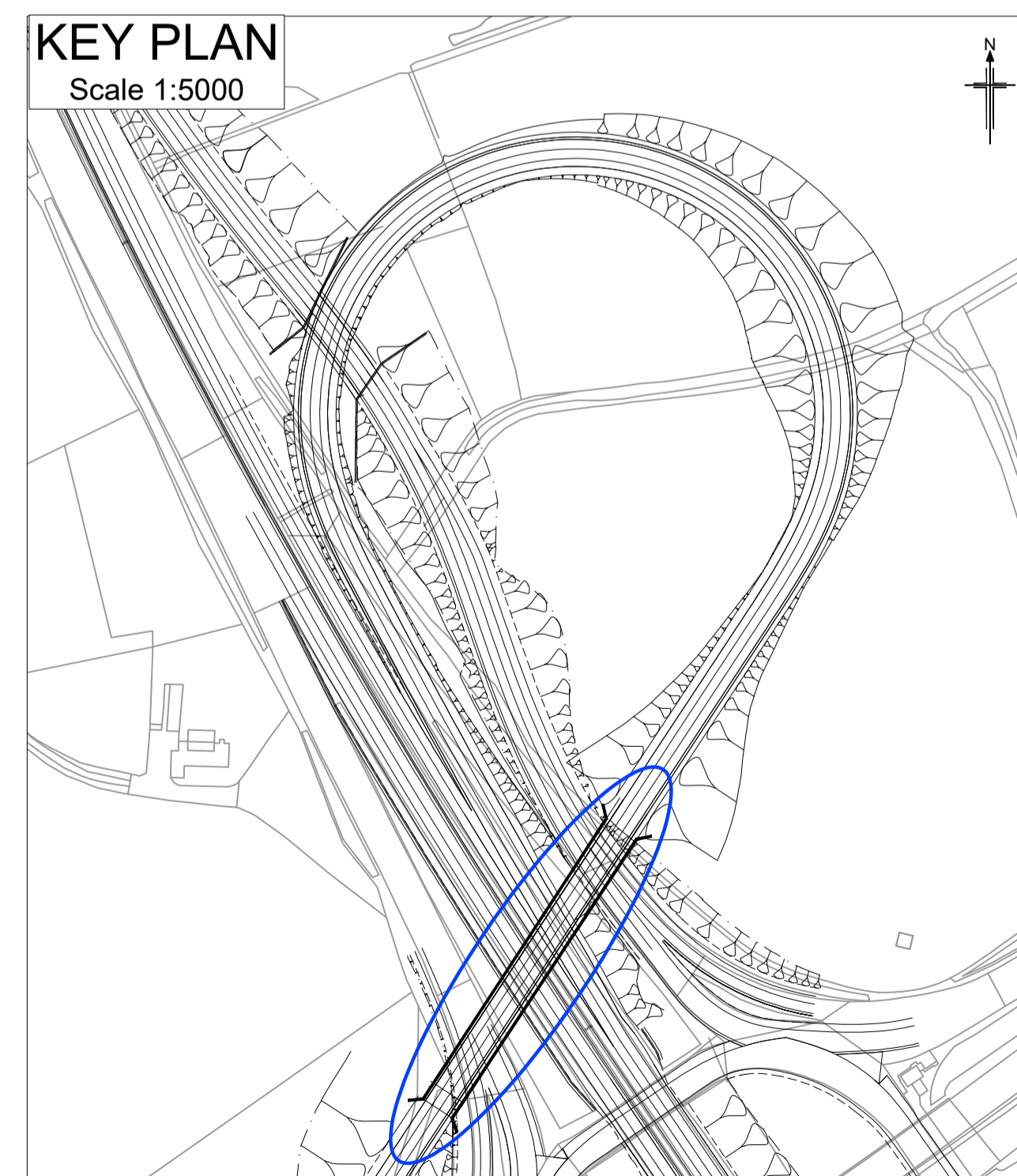
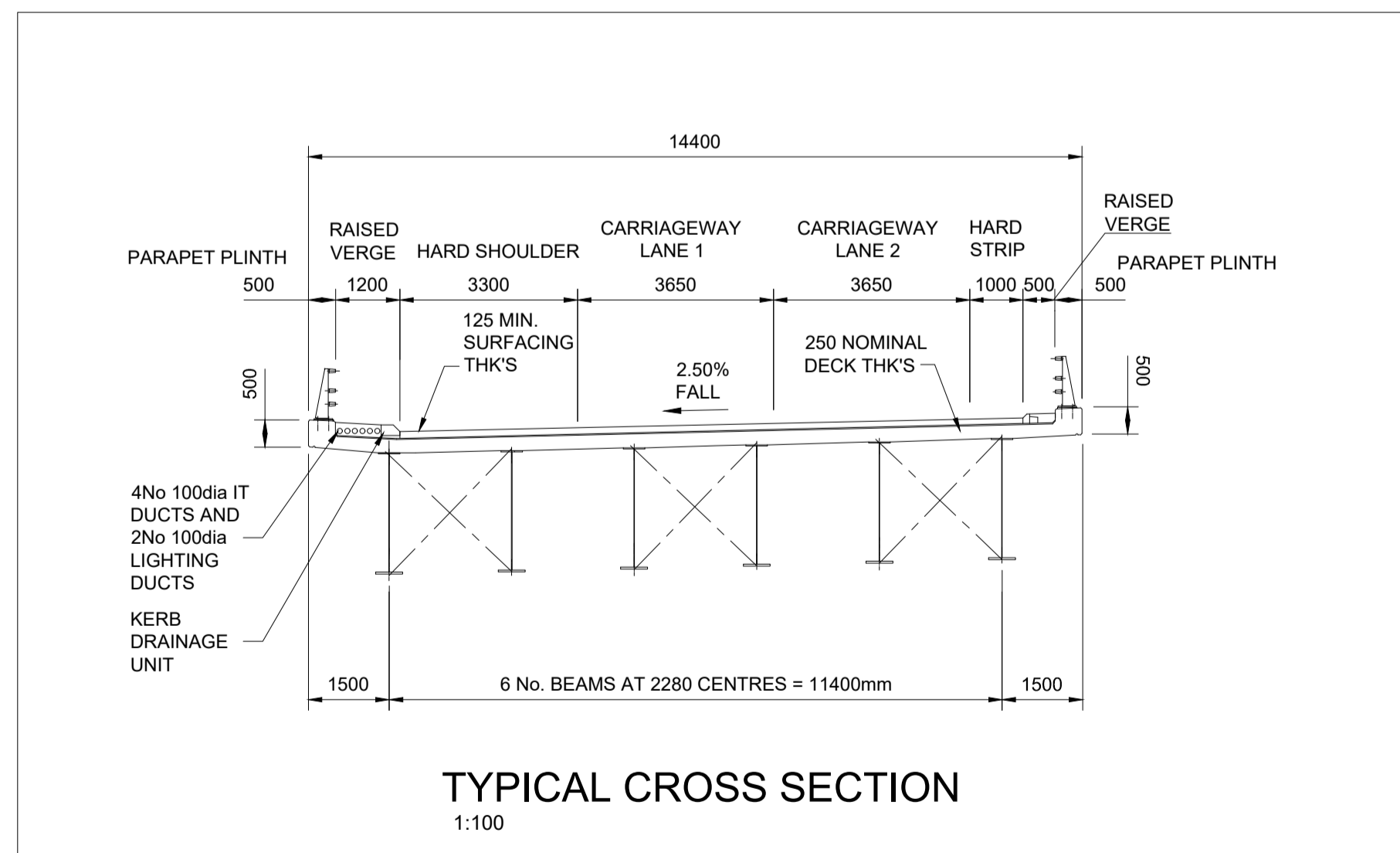
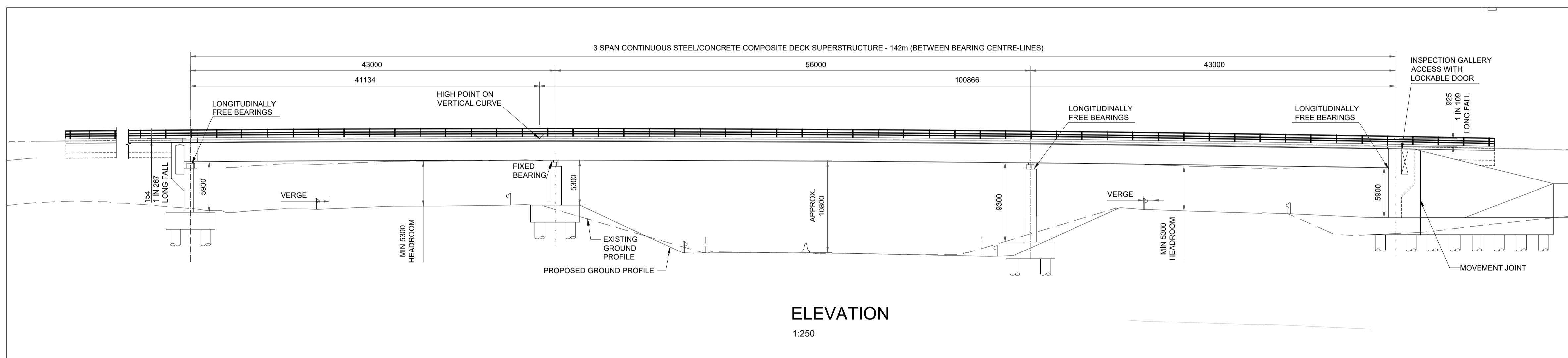
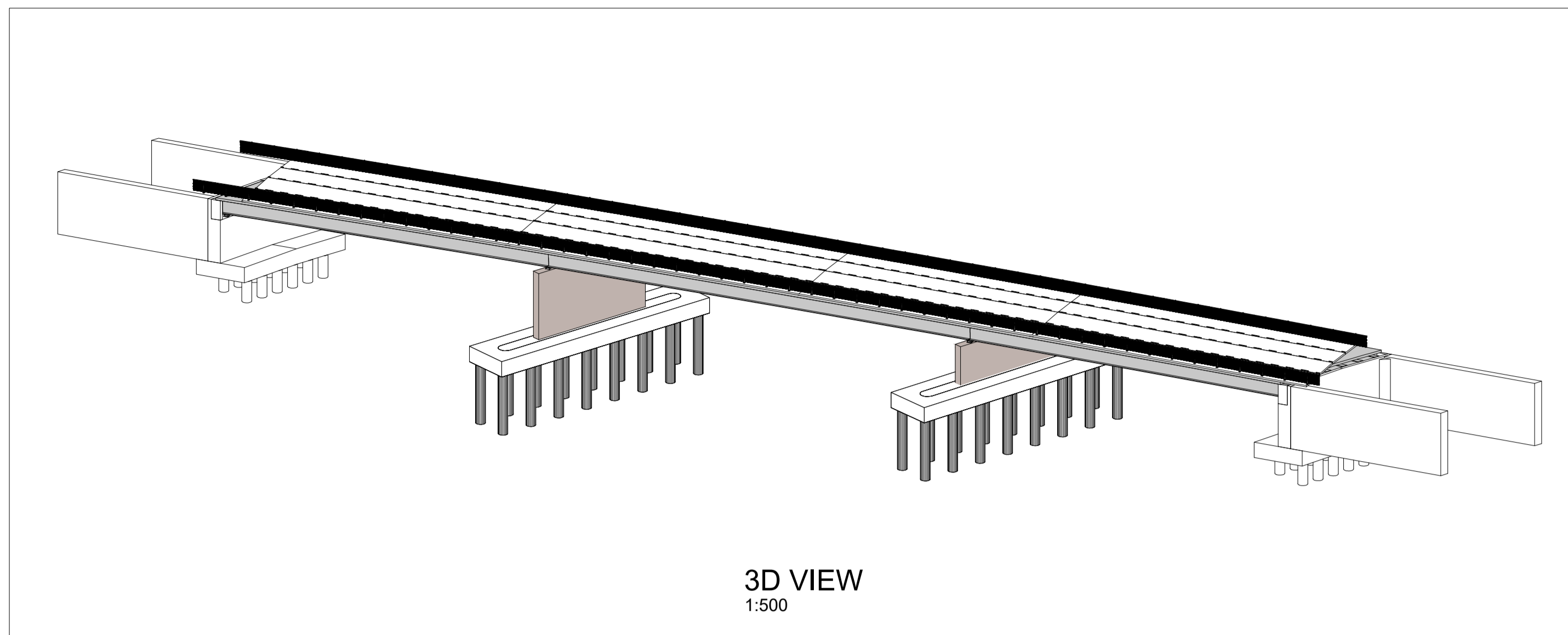
Drawing number	PIN	Originator	Volume
HE548642	-	JAC	- LDC -
Location	Type	Role	Number
SII_MLT	-	-	-DR- Z -9021

Notes

1. This drawing is to be read in conjunction with all other relevant documentation.
2. Do not scale from this drawing, use only printed dimensions.
3. All dimensions in millimeters, all chainages, levels and coordinates are in meters unless defined otherwise.
4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

KEY

-  The Order Limits
-  Scheme Structure Location
-  The Scheme
-  Scheme Structure



P01	07/02/24	DCO SUBMISSION	TA	AP	AP	RB
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010064			TR010064/APP/2.8			

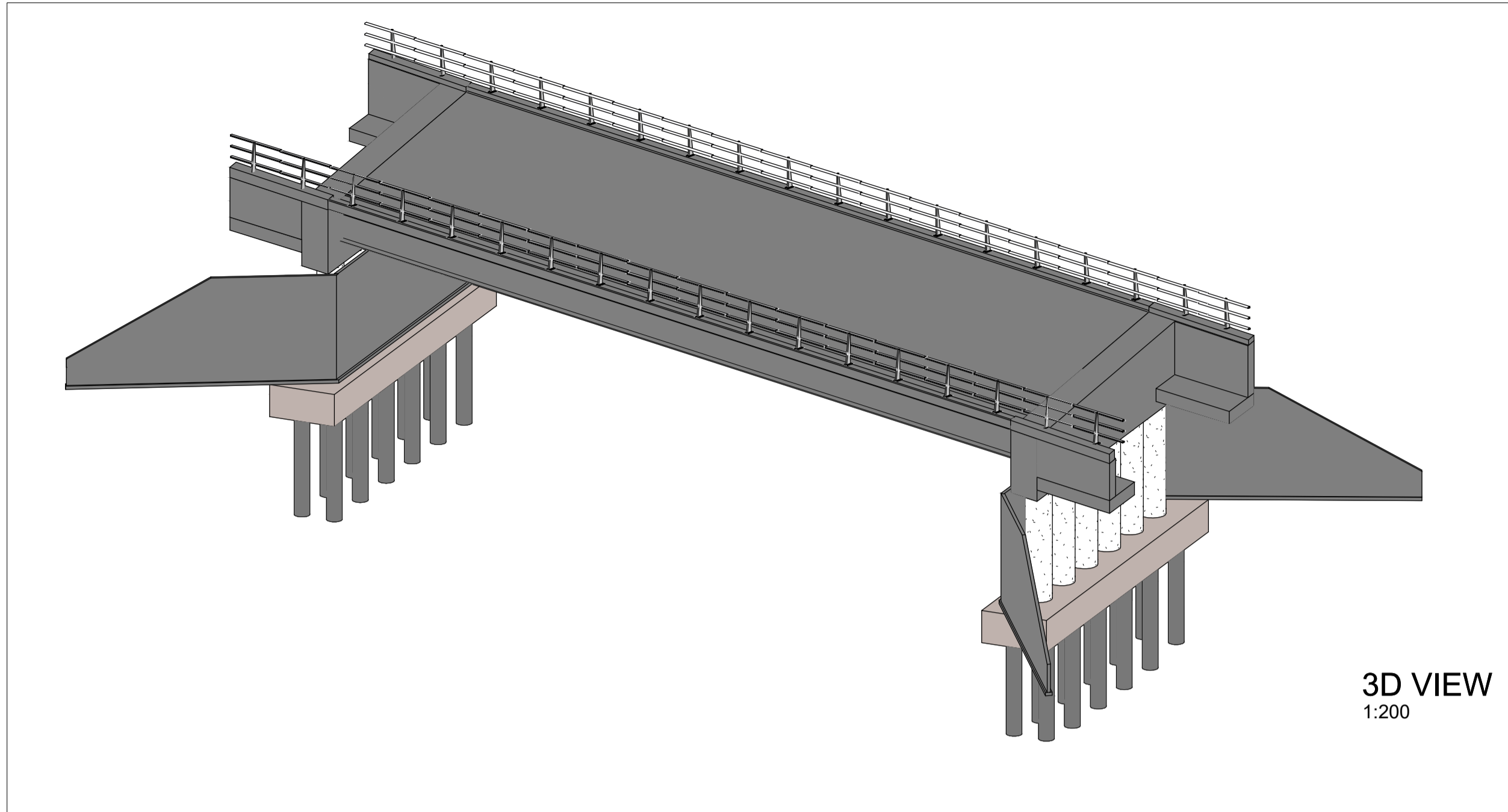


Project
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

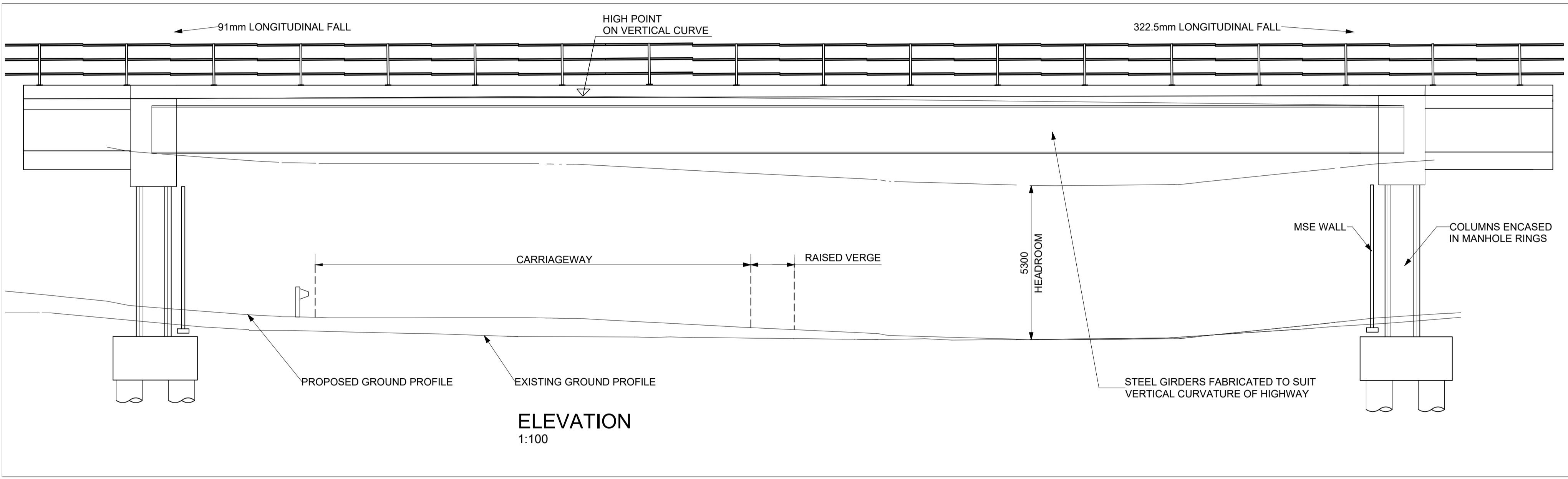
Drawing title
DCO ENGINEERING
SECTION DRAWINGS
PIKE FOLD VIADUCT
SHEET 22 OF 23

Regulation	Regulation 5(2)(O)				
Purpose of issue	DCO APPLICATION				
State Code	PRELIMINARY				
Project Stage	PCF STAGE 3	Drawing status			S4
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev			P01
Jacobs No.	B36601F0				
Client no.	HE548642				

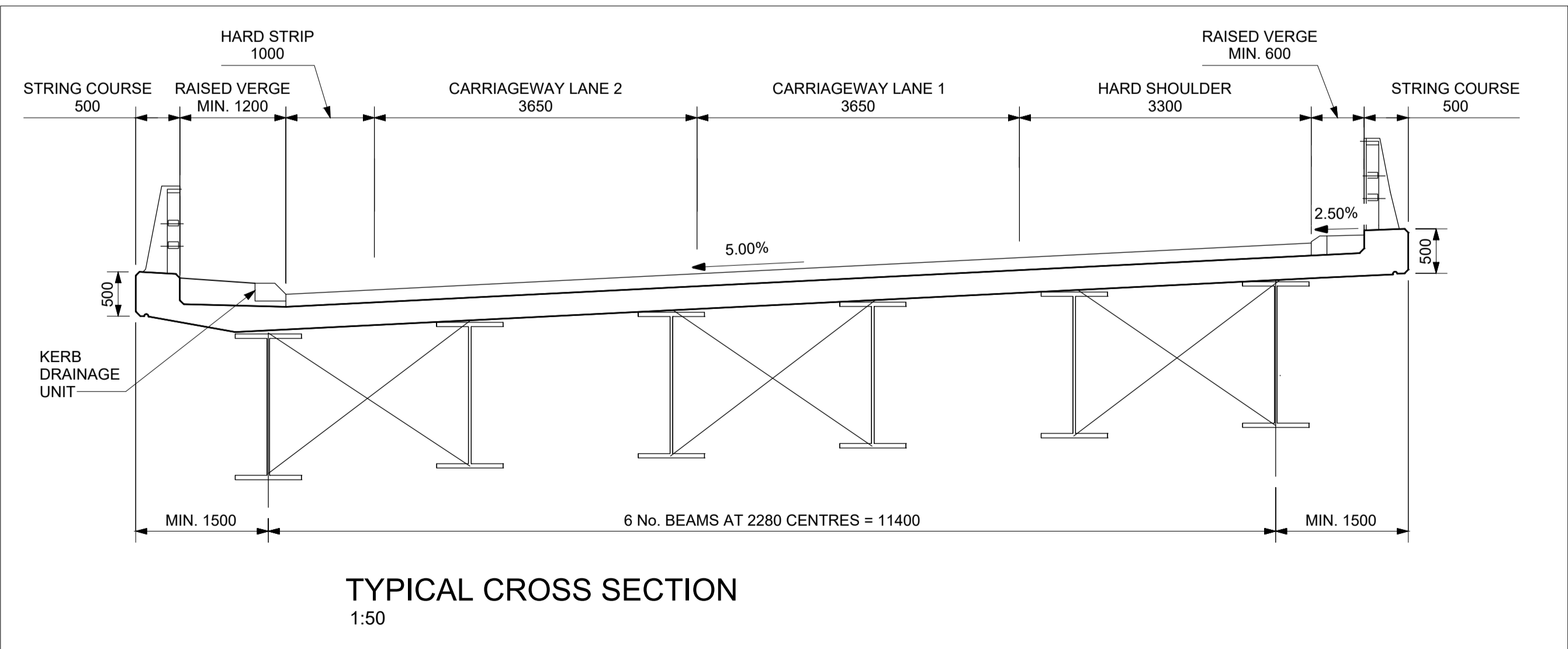
Drawing number	PIN	Originator	Volume
HE548642 -	JAC	- LDC -	
SII_MLT		-DR- Z	-9022



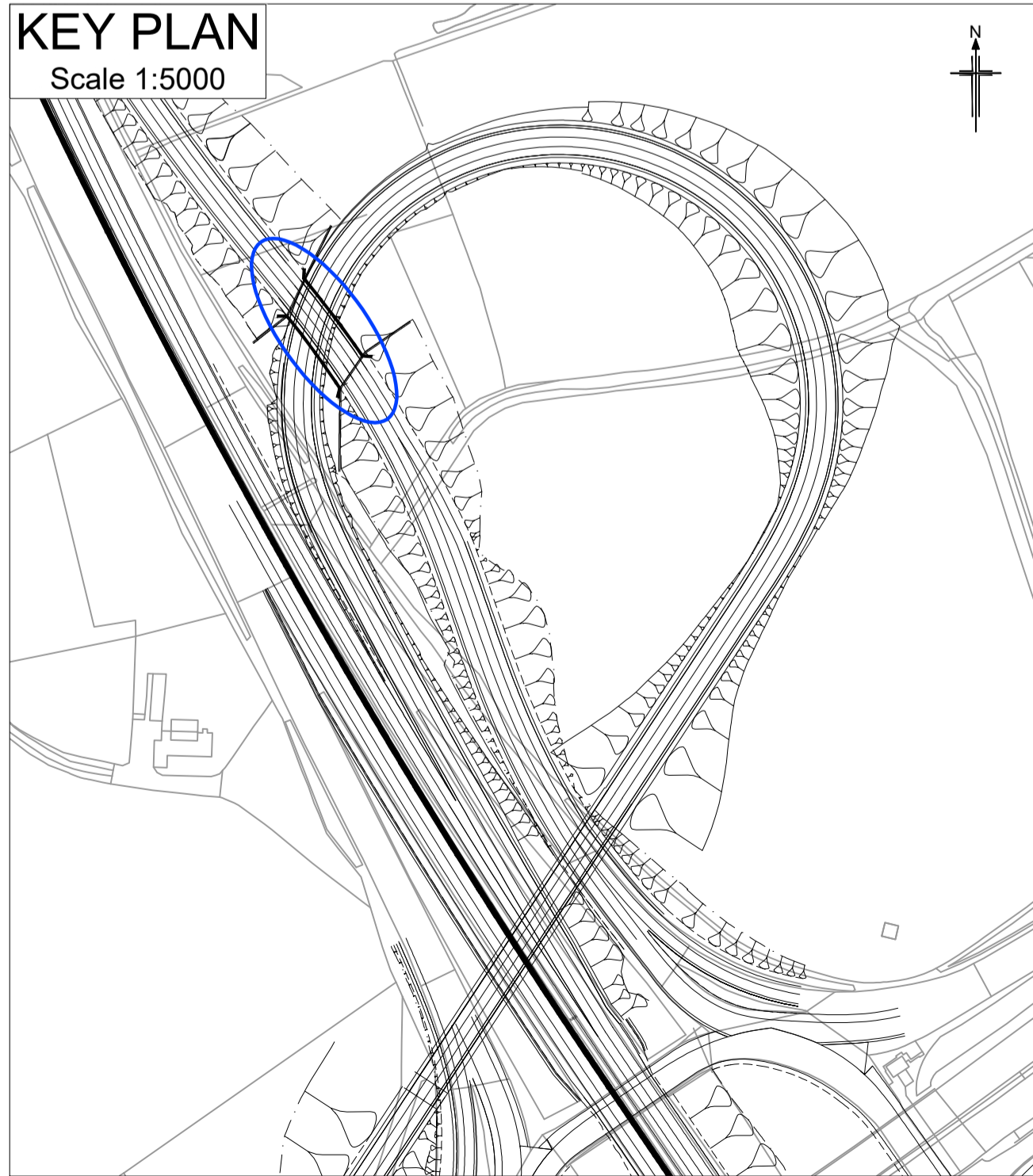
3D VIEW
1:200



ELEVATION
1:100



TYPICAL CROSS SECTION
1:50



KEY PLAN
Scale 1:5000

- Notes**
1. This drawing is to be read in conjunction with all other relevant documentation.
 2. Do not scale from this drawing, use only printed dimensions.
 3. All dimensions in millimeters, all chainages, levels and coordinates are in meters unless defined otherwise.
 4. This drawing is to be read in conjunction with the project health & safety file for any identified potential risks.

- KEY**
- The Order Limits
 - Scheme Structure Location
 - The Scheme
 - Scheme Structure

P01	07/02/24	DCO SUBMISSION	TA	AP	AP	RB
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number:	TR010064	Development Consent Order Drawing Number:	TR010064/APP/2.8
-----------------------------------	----------	-------------------------------------------	------------------



Project
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing title
**DCO ENGINEERING SECTION DRAWINGS
PIKE FOLD BRIDGE
SHEET 23 OF 23**

Regulation	Regulation 5(2)(O)		
Purpose of issue	DCO APPLICATION		
State Code	PRELIMINARY		Drawing status
Project Stage	PCF STAGE 3	S4	
Scale at A1 (841x594mm)	AS SHOWN@A1	Rev	P01
Jacobs No.	B36601F0		
Client no.	HE548642		

Drawing number	PIN	Originator	Volume
HE548642	-	JAC	- LDC -
Location	SII_MLT	Type	Role
		DR-	Number
			-9023

C:\working\jacobs_uk_highways_ssa\legintl_hussaiad\0327613\HE548642-JAC-LDC-SII_MLT-DR-Z-9023.dwg - 07/02/2024 17:08:11 - A1 Frame - HUSSAIAS