

M3 Junction 9 Improvement

Scheme Number: TR010055

2.6 Engineering Plans and Sections (Rev 1)

APFP Regulations 5(2)(o), 5(2)(p) & 6(2)

Planning Act 2008

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

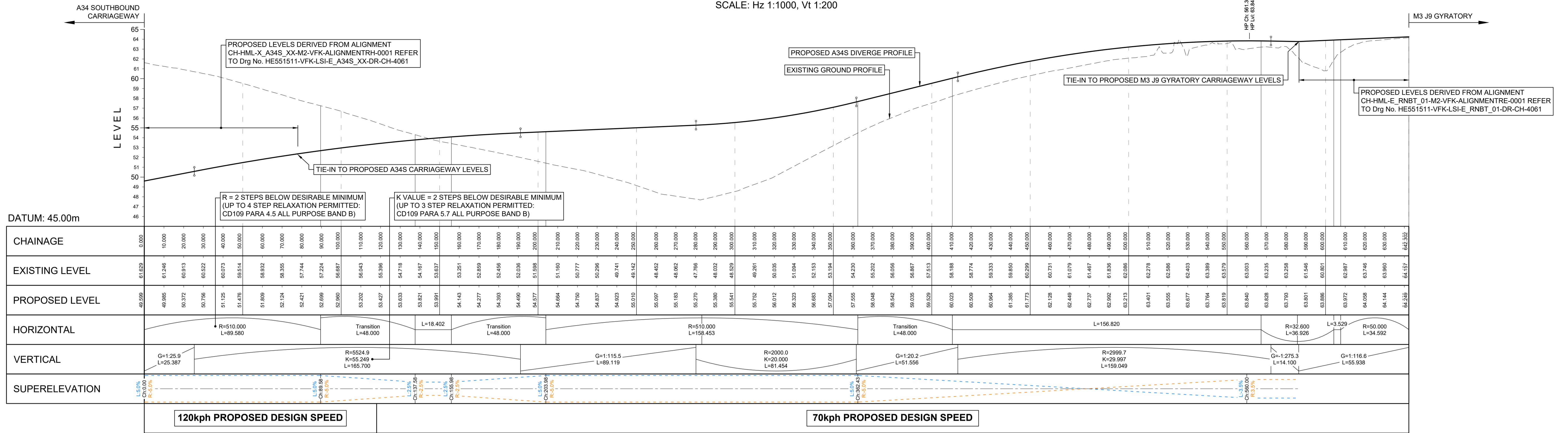
Volume 2

15 June 2023

PROPOSED A34 SOUTHBOUND DIVERGE TO GYRATORY

CH-HML-E_A34S_DV-M2-VFK-ALIGNMENTRH-0001

SCALE: Hz 1:1000, Vt 1:200



NOTES:

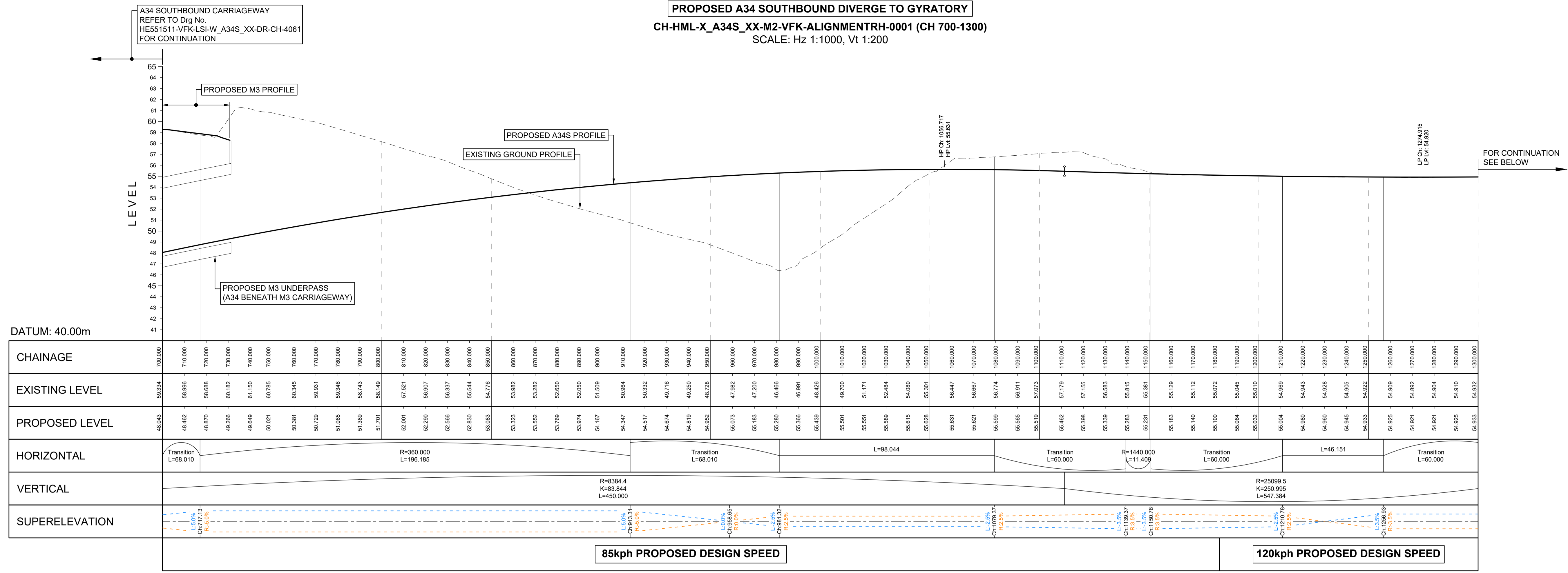
- THIS DRAWING HAS BEEN PRODUCED USING CAD SOFTWARE, THEREFORE ALL DIMENSIONS ARE SHOWN IN METRES UNLESS SHOWN OTHERWISE.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)	
Development Consent Order Number / Document	TR010055/2.6	
DESIGNER		
SUITABILITY	APPLICATION SUBMISSION	
Client		
Rev.	Date	Description
01	JUNE 2023	DEADLINE 2
0	NOVEMBER 2022	APPLICATION SUBMISSION
Drawn	Ch'k'd	App'd
	EO	LC
	GP	AC

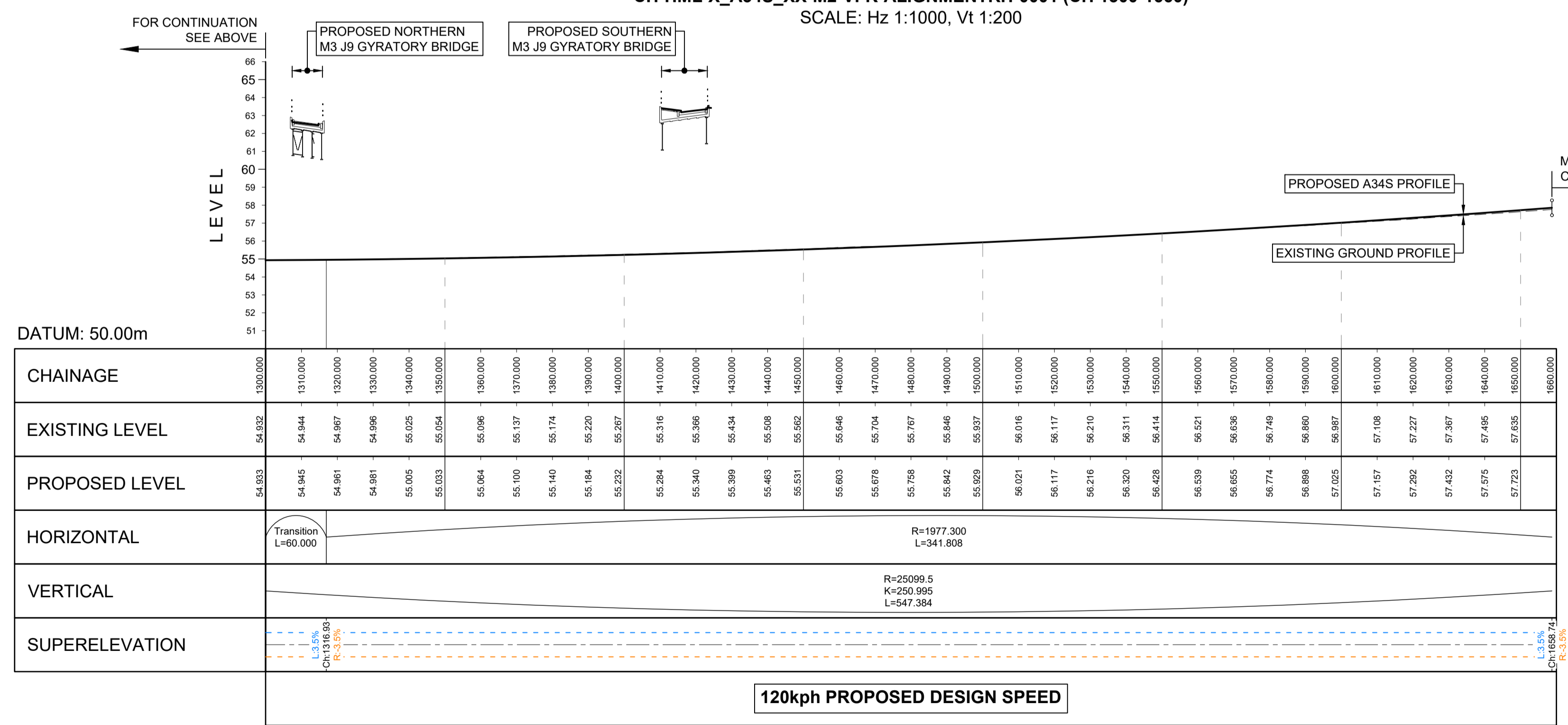
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Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME	
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-E_A34S_DV-M2-VFK-ALIGNMENTRH-0001	
Scale	1:1000H 1:200V	
Original Size	A1	
Designed	GP	GP
Drawn	GP	GP
Checked	AC	AC
Approved	MF	MF
Date	11.01.21	11.01.21
Date	11.01.21	11.01.21
Date	11.01.21	11.01.21
Date	11.01.21	11.01.21

Drawing Number	HE551511 -	Originator	VFK	Volume	LSI -	Project Ref. No.	48176
Location	E_A34S_DV - DR - CH - 4061	Type	DR	Role	CH	Revision	REV 01

PROPOSED A34 SOUTHBOUND DIVERGE TO GYRATORY
CH-HML-X_A34S_XX-M2-VFK-ALIGNMENTRH-0001 (CH 700-1300)
 SCALE: Hz 1:1000, Vt 1:200



CH-HML-X_A34S_XX-M2-VFK-ALIGNMENTRH-0001 (CH 1300-1660)
 SCALE: Hz 1:1000, Vt 1:200



- NOTES:**
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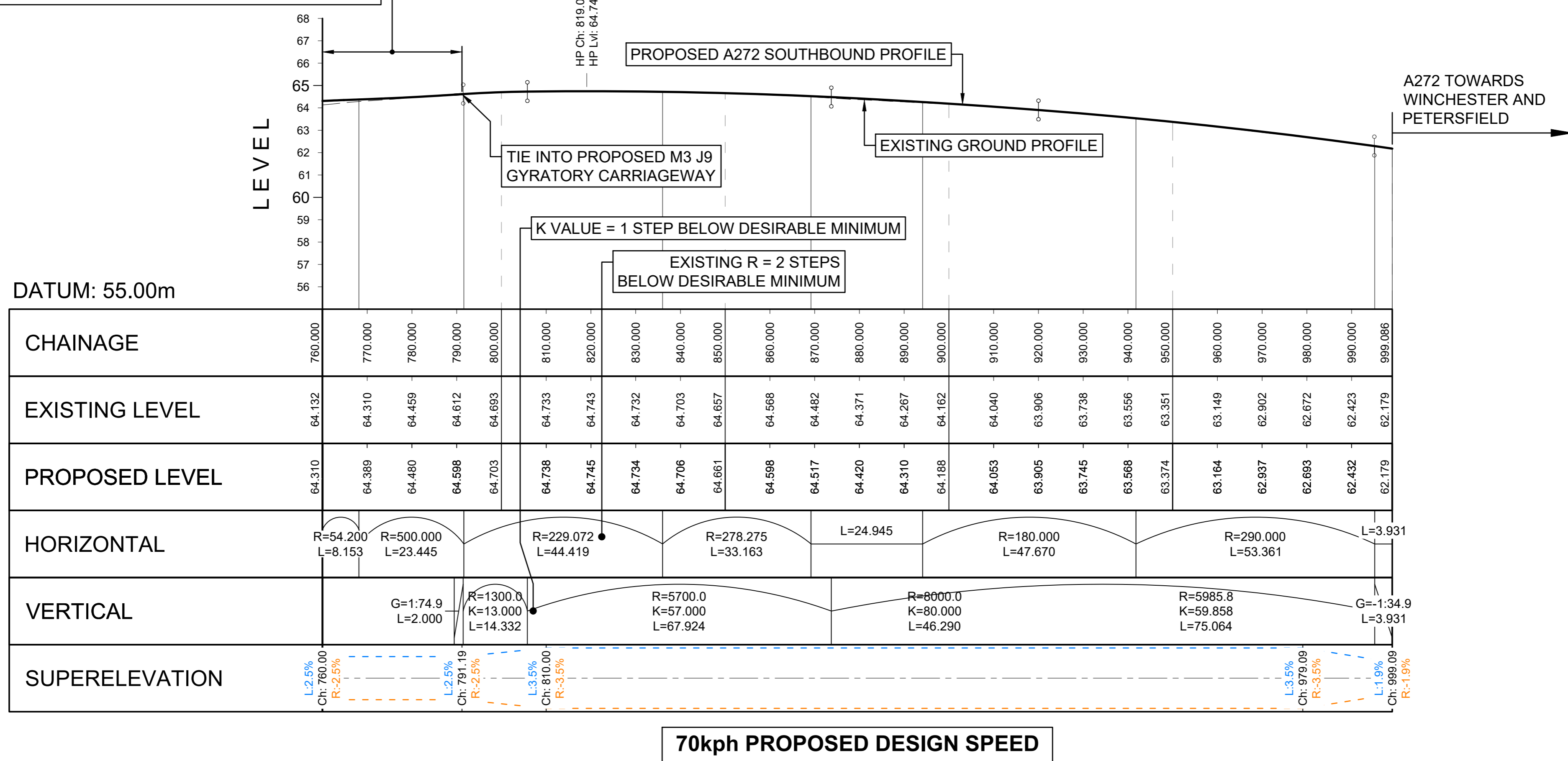
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Development Consent Order Number / Document	TR010055/2.6				
DESIGNER					
SUITABILITY	APPLICATION SUBMISSION				
Client					
Rev.	Date	Description	Drawn	Chk'd	App'd
01	JUNE 2023	DEADLINE 2		EO	LC MF
0	November 2022	APPLICATION SUBMISSION		GP	AC MF

Drawing Status	APPLICATION SUBMISSION	
Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME	
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-X_A34S_XX-M2-VFK-ALIGNMENTRH-0001 EASTERN SIDE	
Scale	1:1000H 1:200V	
Original Size	A1	
Designed	GP	
Drawn	GP	
Checked	AC	
Approved	MF	
Date	11.01.21	11.01.21
Date	11.01.21	11.01.21
Date	11.01.21	11.01.21

Drawing Number	HE551511 -	Originator	VFK	Volume	- LSI -	Project Ref. No.	48176
Location	E_A34S_XX-DR	Type	- CH -	Role	- 4061	Revision	REV 01

CH-HML-E_A272_SB-M2-VFK-ALIGNMENTRH-0011
SCALE: Hz 1:1000, Vt 1:200

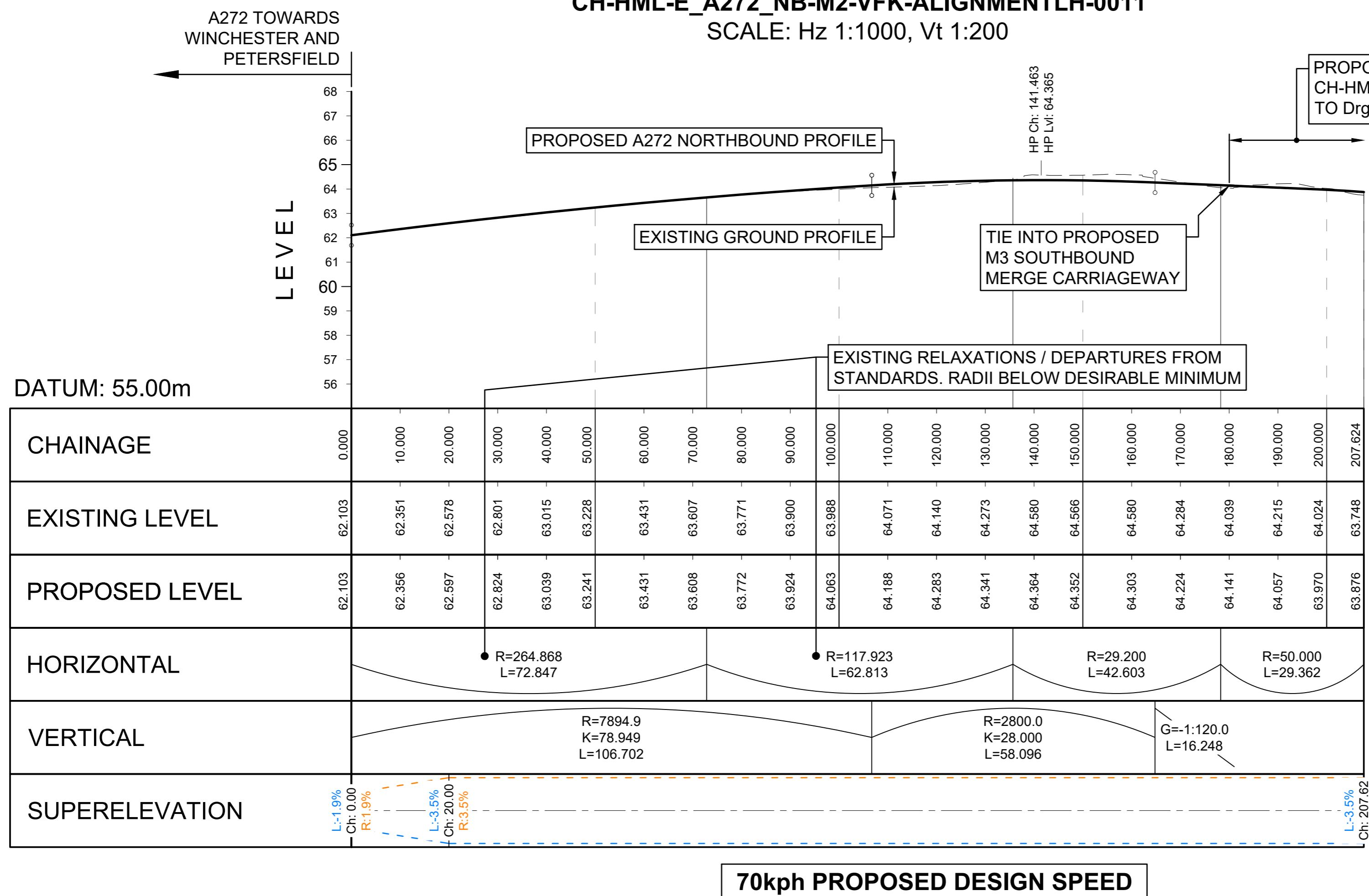
PROPOSED LEVELS DERIVED FROM ALIGNMENT
CH-HML-E_RNBT_01-M2-VFK-ALIGNMENTRE-0001 REFER
TO Drg No. HE551511-VFK-LSI-E_RNBT_01-DR-CH-4061



70kph PROPOSED DESIGN SPEED

CH-HML-E_A272_NB-M2-VFK-ALIGNMENTLH-0011
SCALE: Hz 1:1000, Vt 1:200

PROPOSED LEVELS DERIVED FROM ALIGNMENT
CH-HML-E_M3SB_MR-M2-VFK-ALIGNMENTLH-0011 REFER
TO Drg No. HE551511-VFK-LSI-E_M3SB_MR-DR-CH-4061



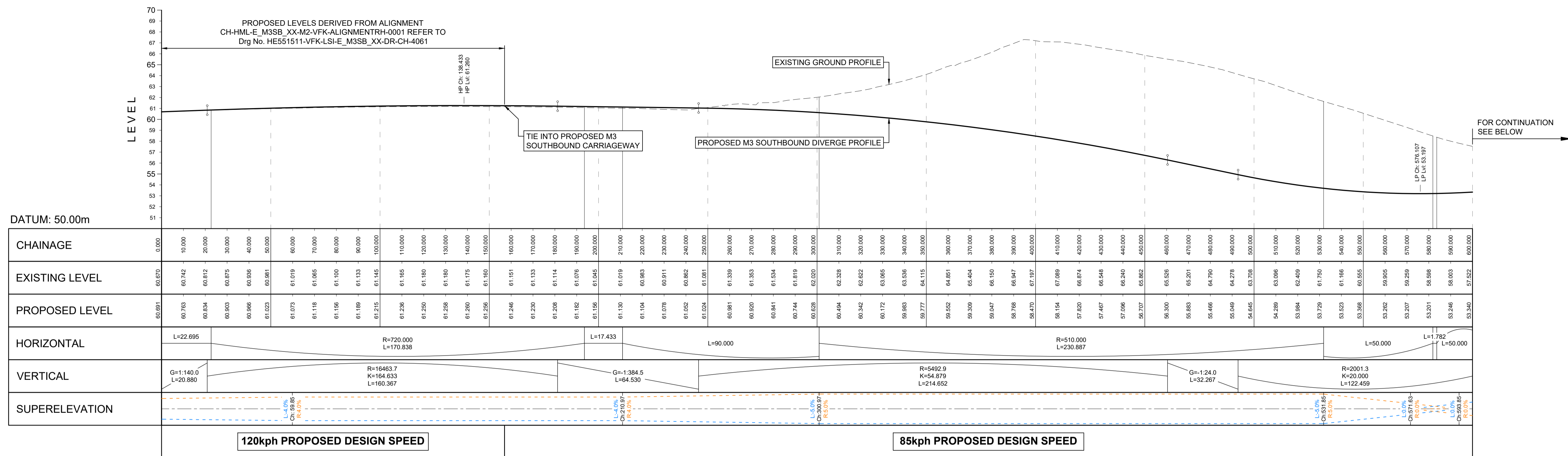
70kph PROPOSED DESIGN SPEED

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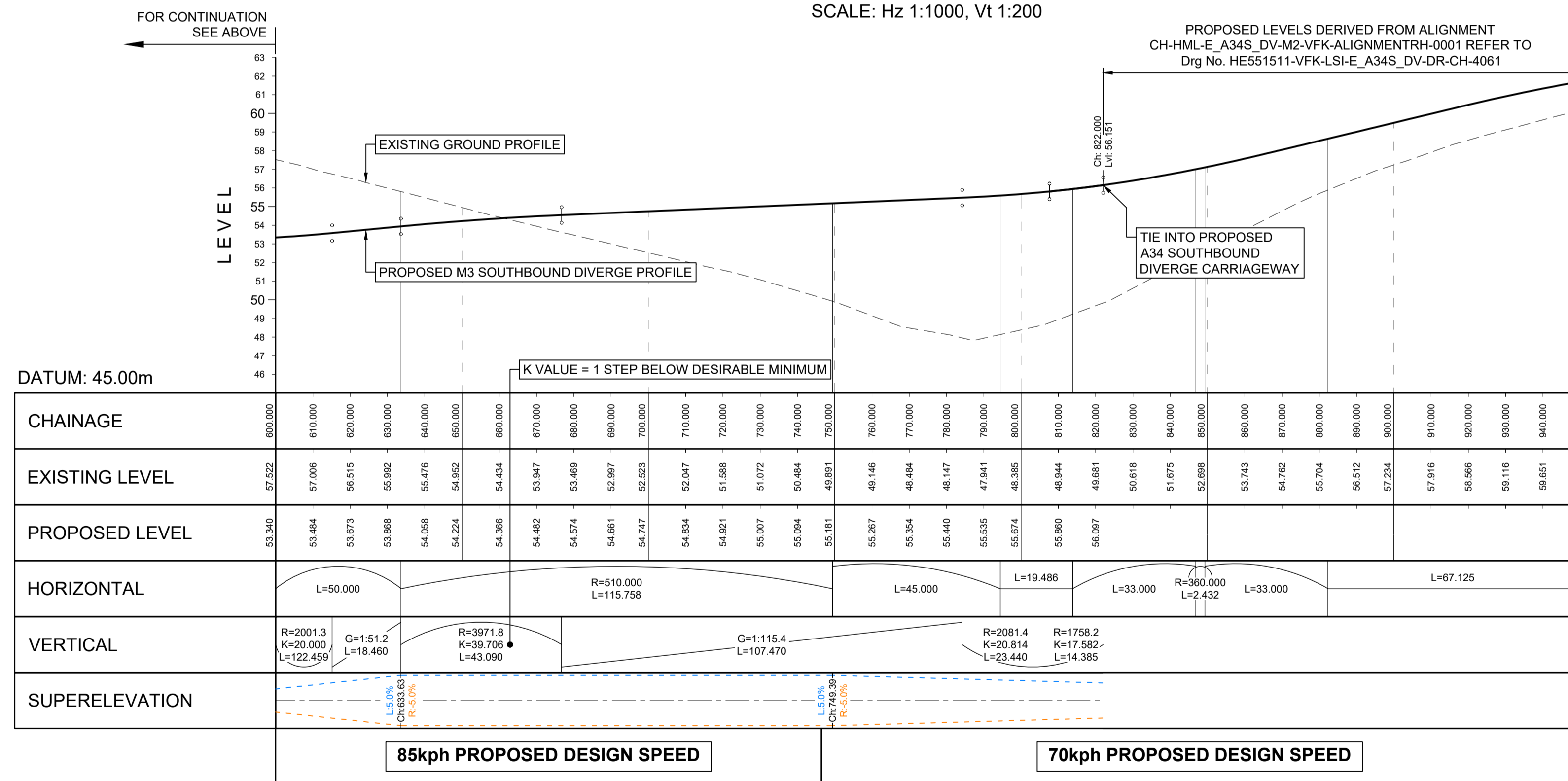
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APFP Regulation Number 5(2)(o), 5(2)(p) and 6(2)		Drawing Status APPLICATION SUBMISSION		Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME	
Development Consent Order Number / Document TR010055/2.6				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALIGNMENTS CH-HML-E_A272_SB-M2-VFK-ALIGNMENTRH-0011 & CH-HML-E_A272_NB-M2-VFK-ALIGNMENTLH-0011	
DESIGNER 		Client 		Scale 1:1000H 1:200V	
SUITABILITY APPLICATION SUBMISSION		Date 11.01.21		Checked AC	
Date 11.01.21		Drawn GP		Approved MF	
Description APPLICATION SUBMISSION		Date 11.01.21		Date 11.01.21	
Rev. 01 JUNE 2023 DEADLINE 2		Rev. 0 November 2022 APPLICATION SUBMISSION		Project Ref. No. 48176	
Rev. 0 November 2022 APPLICATION SUBMISSION		Rev. 0 November 2022 APPLICATION SUBMISSION		Revision REV 01	

CH-HML-E_M3SB_DV-M2-VFK-ALIGNMENTRH-0001 (CH 0-600)
SCALE: Hz 1:1000, Vt 1:200



CH-HML-E_M3SB_DV-M2-VFK-ALIGNMENTRH-0001 (CH 600-949.436)
SCALE: Hz 1:1000, Vt 1:200

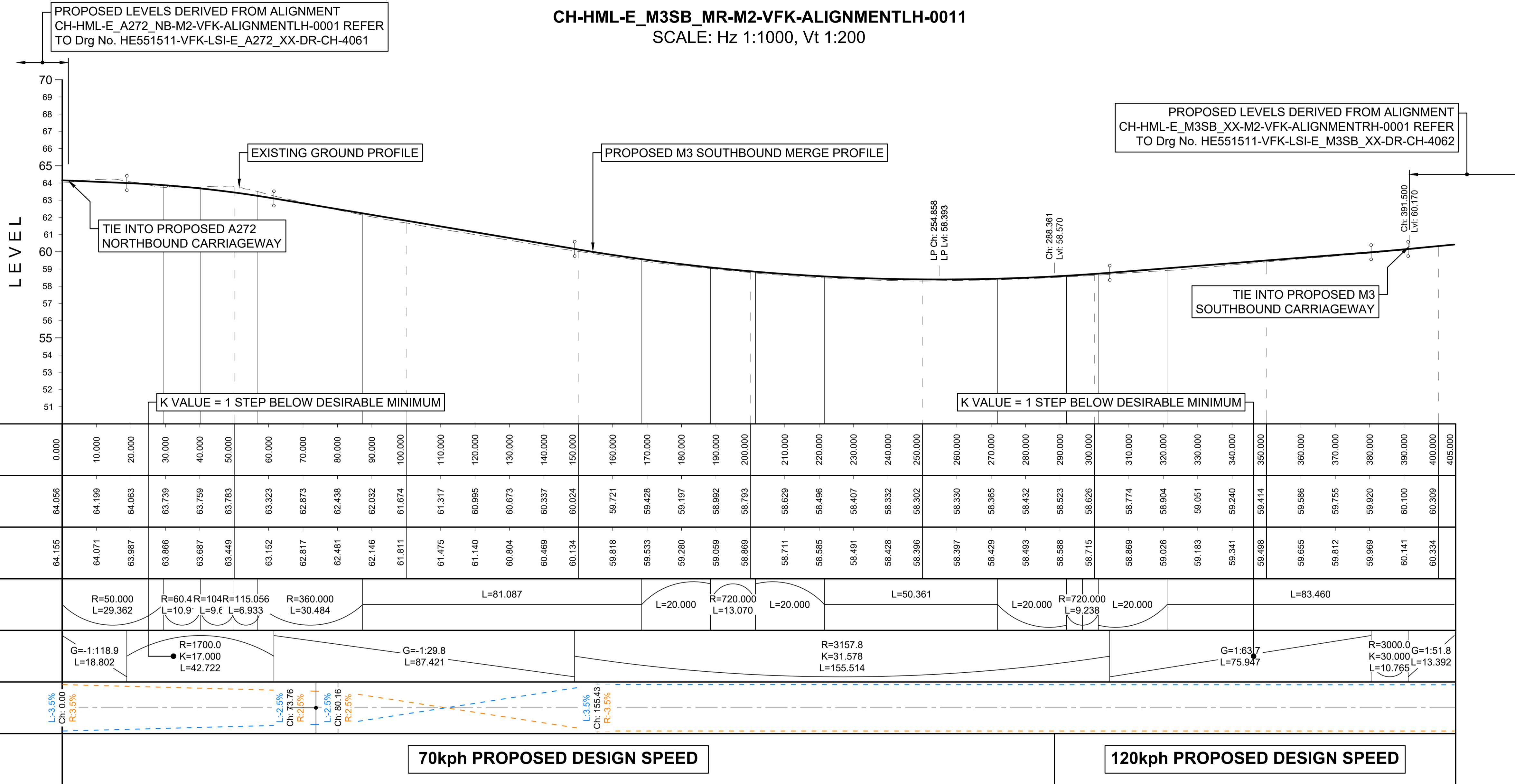


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APPLICATION SUBMISSION									ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-E_M3SB_DV-M2-VFK-ALIGNMENTRH-0001				
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Original Size	A1			Date	11.01.21	Date	11.01.21	Date	11.01.21	Date	11.01.21	Project Ref. No. 48176	
Rev.	Date	Description	Drawn	Ch'kd	App'd	Drawing Number HE551511 - VFK - LSI - E_M3SB_DV - DR - CH - 4061		Originator VFK - LSI - E_M3SB_DV - DR - CH - 4061		Volume VFK - LSI - E_M3SB_DV - DR - CH - 4061		Revision REV 01	

CH-HML-E_M3SB_MR-M2-VFK-ALIGNMENTLH-0011
SCALE: Hz 1:1000, Vt 1:200



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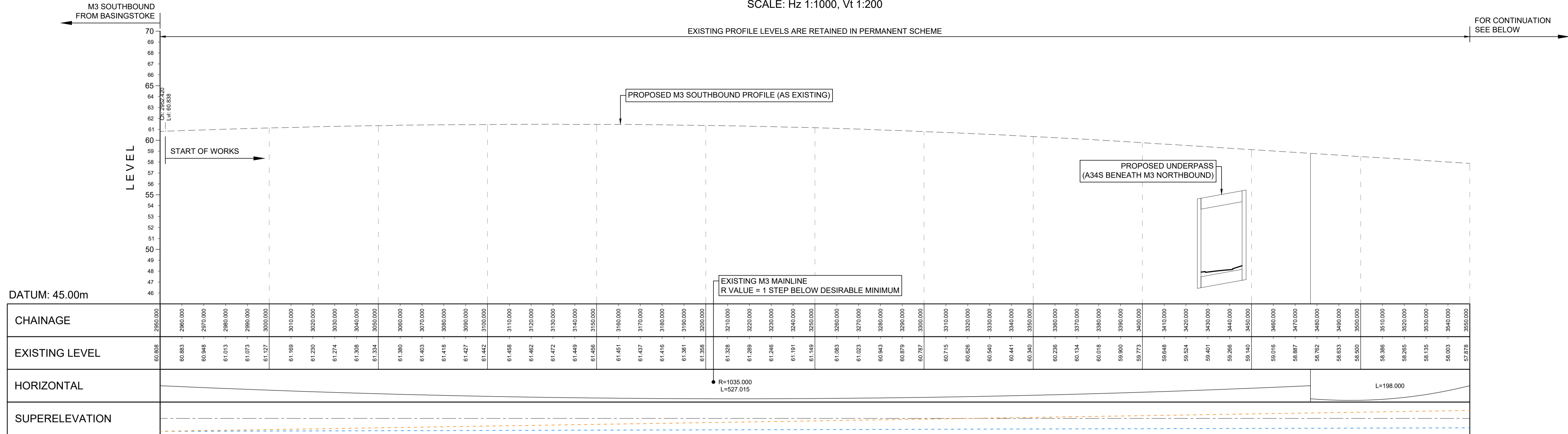
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Development Consent Order Number / Document	TR010055/2.6				
DESIGNER					
SUITABILITY	APPLICATION SUBMISSION				
Rev.	Date	Description	Drawn	Chk'd	App'd
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0	November 2022	APPLICATION SUBMISSION	GP	AC	MF

APPLICATION SUBMISSION

Client:

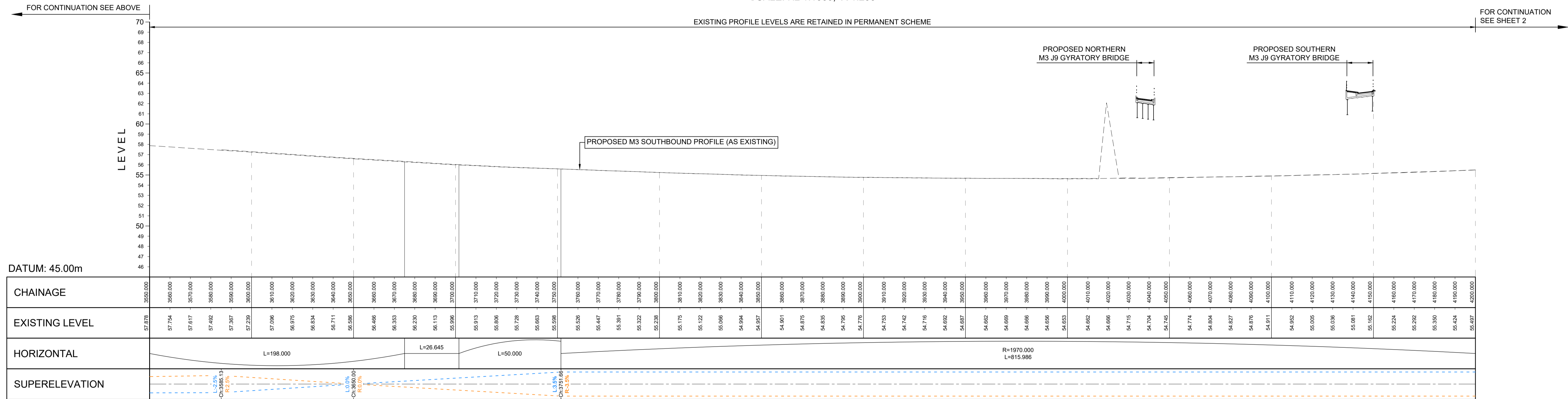
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Drawing Title					ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-E_NMUX_23-M2-VFK-ALIGNMENTRE-0001
Scale	1:1000	Designed	ATC	Drawn	ATC
Original Size	A2	Date	17.02.21	Date	17.02.21
Checked	AC	Date	17.02.21	Approved	MF
Drawing Number	HE551511 - VFK - LSI - E_M3SB_MR - DR - CH - 4061	Originator		Volume	48176
Revision	REV 01	Location		Type	

CH-HML-E_M3SB_XX-M2-VFK-ALIGNMENTRH-0001 (CH 2950-3550)
SCALE: Hz 1:1000, Vt 1:200



PROPOSED 120kph DESIGN SPEED

CH-HML-E_M3SB_XX-M2-VFK-ALIGNMENTRH-0001 (CH 3550-4200)
SCALE: Hz 1:1000, Vt 1:200



PROPOSED 120kph DESIGN SPEED

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APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)				
Development Consent Order Number / Document	TR010055/2.6				
DESIGNER					
SUITABILITY	APPLICATION SUBMISSION				
Scale	Original Size: A1				
Designed	GP				
Drawn	GP				
Checked	AC				
Approved	MF				
Date	11.01.21				
Date	11.01.21				
Date	11.01.21				
Date	11.01.21				
Rev.	Date	Description	Drawn	Chk'd	App'd
01	JUNE 2020	DEADLINE 2	EO	LC	MF
0	November 2022	APPLICATION SUBMISSION	GP	AC	MF

Drawing Status: APPLICATION SUBMISSION

Client:

Project Title: M3 JUNCTION 9 IMPROVEMENT SCHEME

Drawing Title: ENGINEERING PLANS AND SECTIONS
LONG SECTION FOR ALIGNMENT
CH-HML-E_M3SB_XX-M2-VFK-ALIGNMENTRH-0001
(CH 2900-4200) - SHEET 1 OF 2

Scale: 1:2500

Designed: GP

Drawn: GP

Checked: AC

Approved: MF

Original Size: A1

Date: 11.01.21

Date: 11.01.21

Date: 11.01.21

Date: 11.01.21

Drawing Number: HE551511-VFK-LSI-E_M3SB_XX-DR-CH-4061

Originator: VFK

Volume: LSI

Location: CH

Type: DR

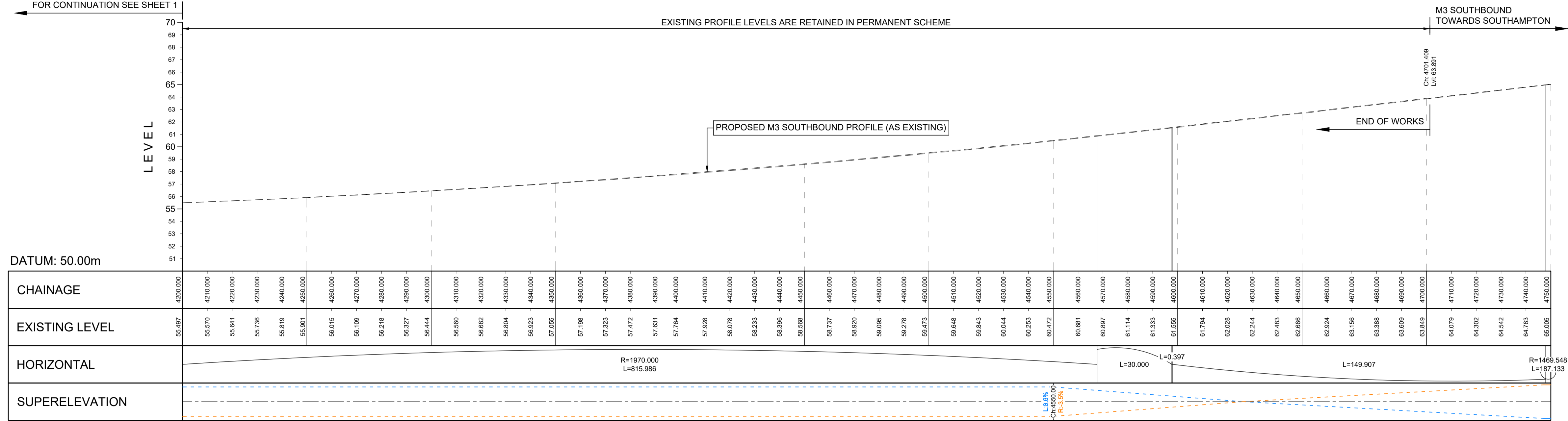
Role: CH

Number: 4061

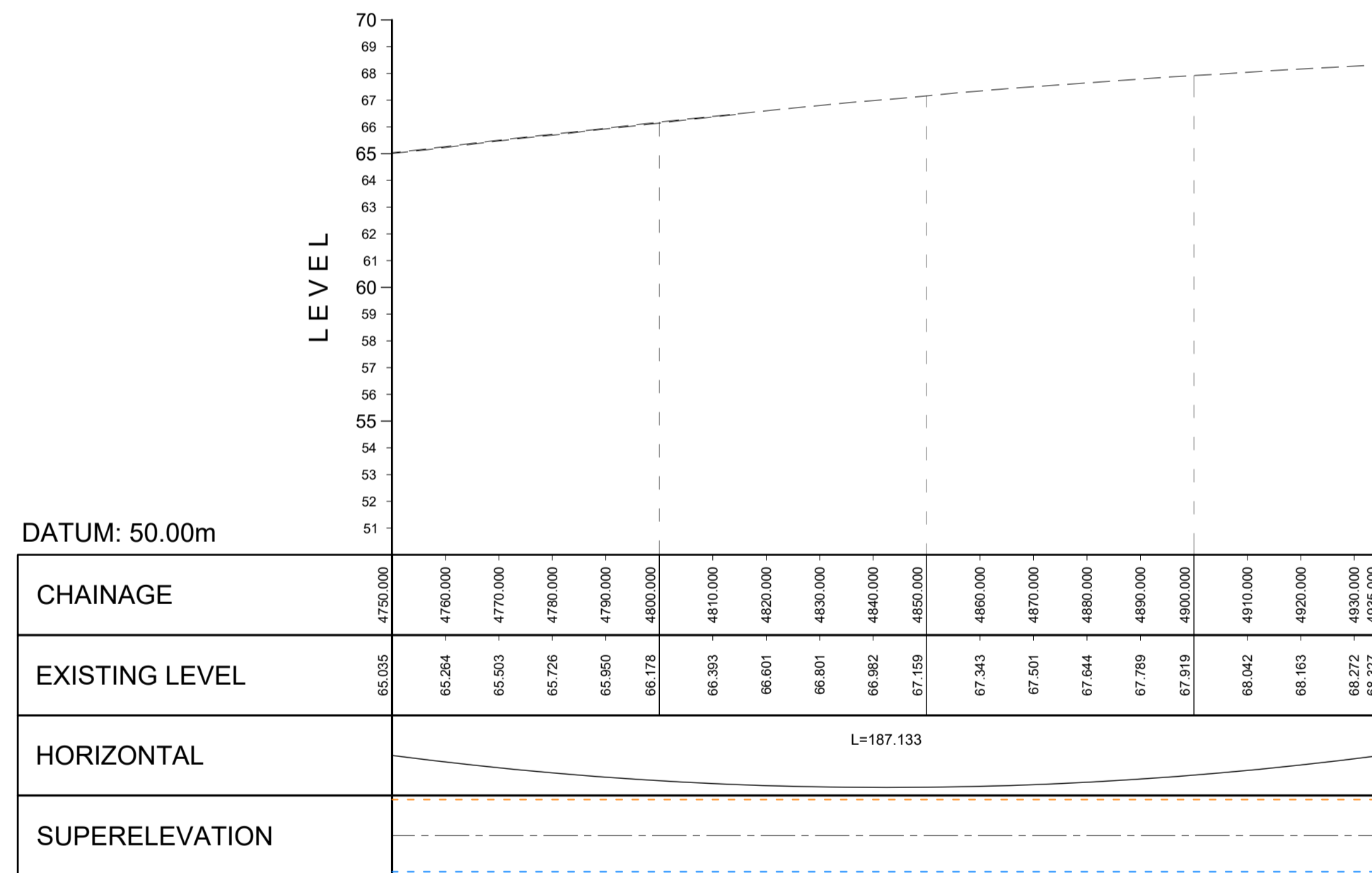
Project Ref. No: 48176

Revision: REV 01

CH-HML-E_M3SB_XX-M2-VFK-ALIGNMENTRH-0001 (CH 4200-4750)
SCALE: Hz 1:1000, Vt 1:200



CH-HML-E_M3SB_XX-M2-VFK-ALIGNMENTRH-0001 (CH 4750-4935)
SCALE: Hz 1:1000, Vt 1:200



NOTES:

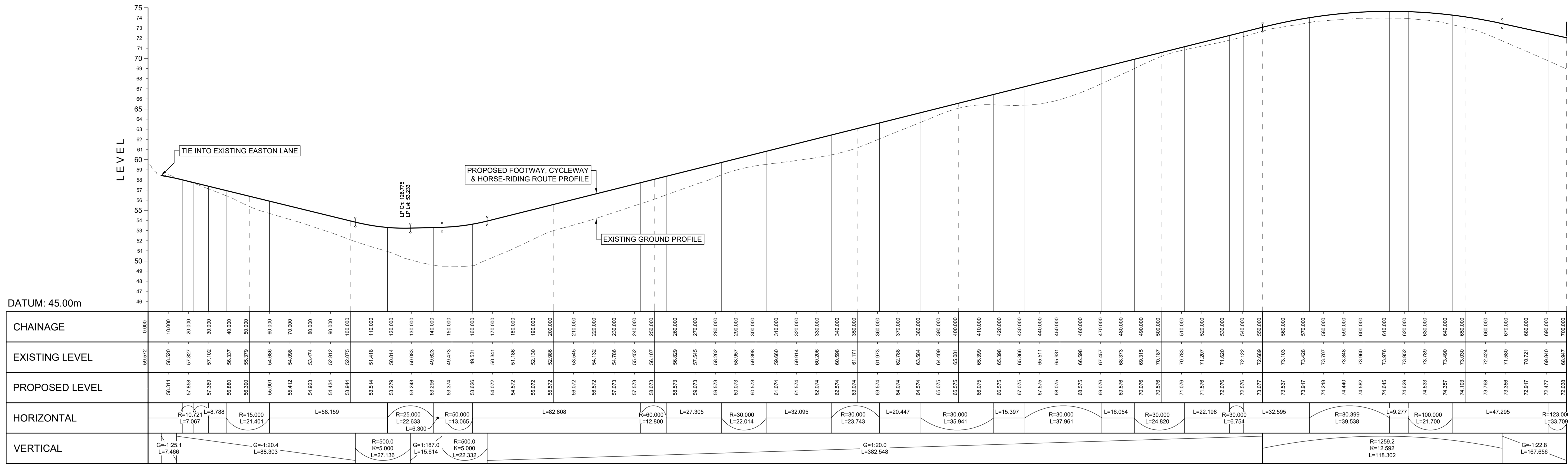
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Development Consent Order Number / Document	TR010055/2.6		
DESIGNER			
SUITABILITY	APPLICATION SUBMISSION		
Rev.	Date	Description	Drawn Chk'd App'd
01	JUNE 2023	DEADLINE 2	EO LC MF
0	November 2022	APPLICATION SUBMISSION	GP AC MF

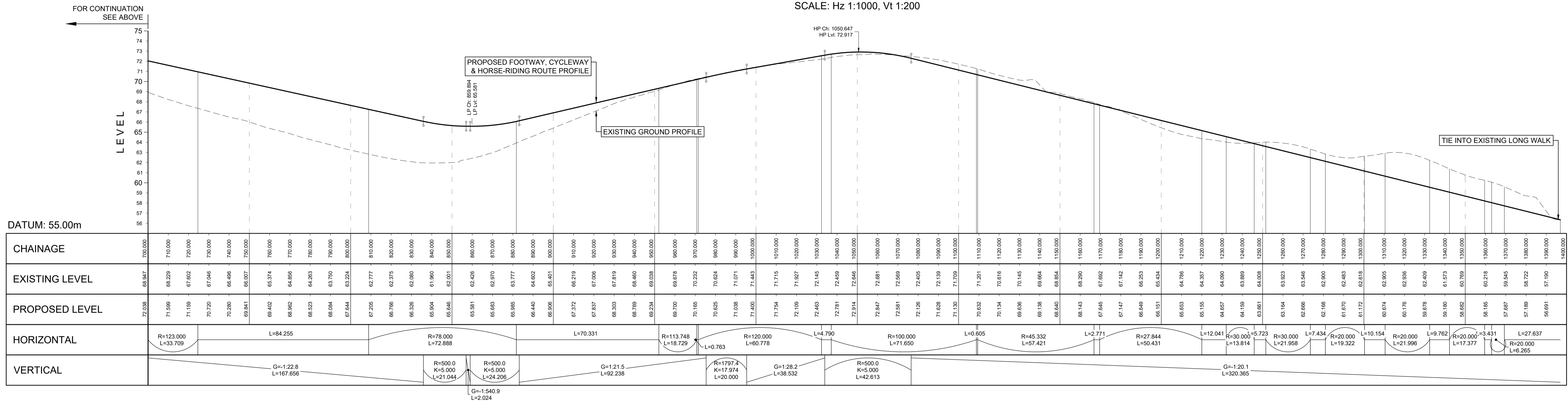
Drawing Status: APPLICATION SUBMISSION

Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME				
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-E_M3SB_XX-M2-VFK-ALIGNMENTRH-0001 (CH 4200-4750) - SHEET 2 OF 2				
Scale	1:2500	Designed	GP	Drawn	GP
Original Size	A1	Date	11.01.21	Date	11.01.21
Checked	AC	Date	11.01.21	Approved	MF
Drawing Number	HE551511 -	Originator	VFK - LSI -	Volume	E_M3SB_XX - DR - CH - 4062
Project Ref. No.	48176				Revision
					REV 01

CH-HML-E_NMUX_01-M2-VFK-ALIGNMENTRE-0001 (CH 0-700)
SCALE: Hz 1:1000, Vt 1:200



CH-HML-E_NMUX_01-M2-VFK-ALIGNMENTRE-0001 (CH 700-1400)
SCALE: Hz 1:1000, Vt 1:200



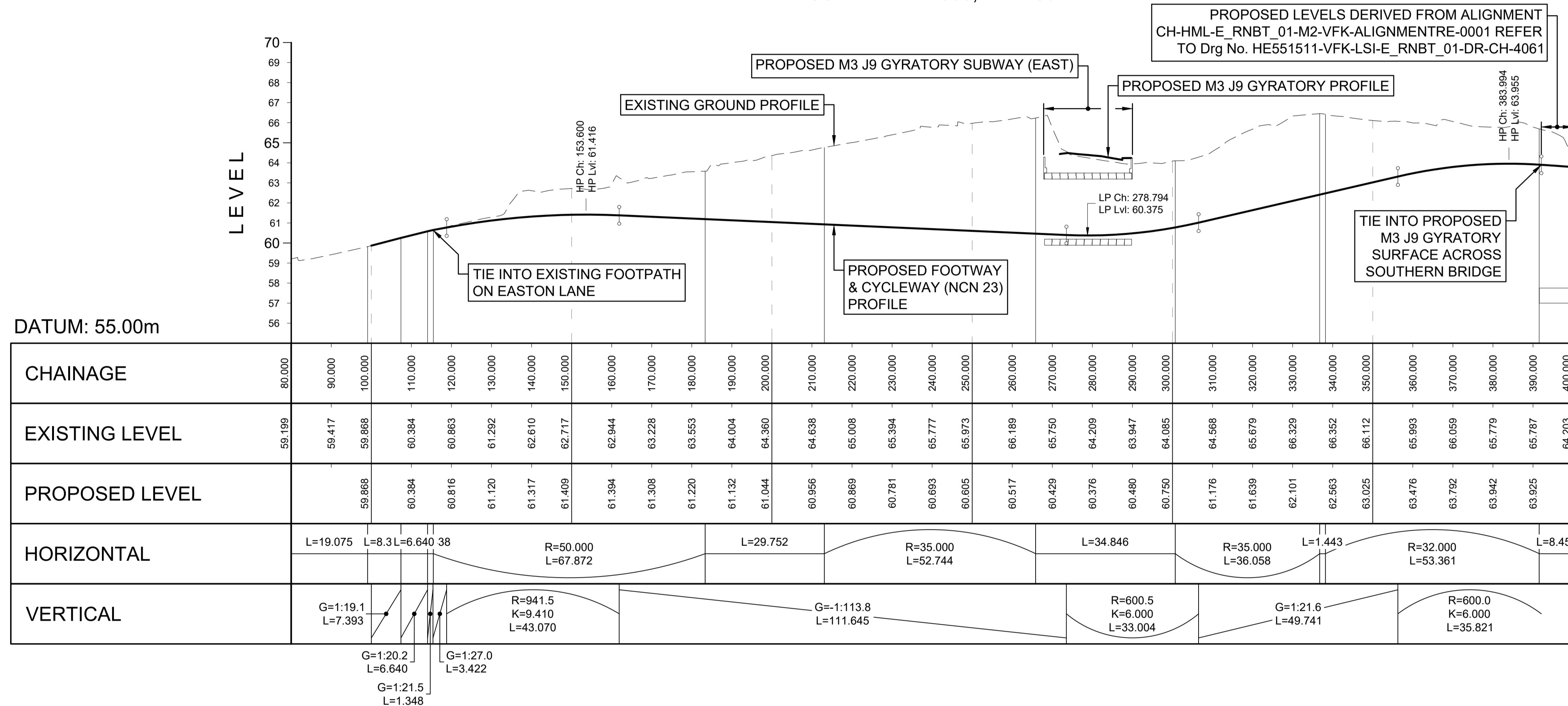
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Development Consent Order Number / Document	TR010055/2.6		
DESIGNER			
SUITABILITY	APPLICATION SUBMISSION		
Client			
Rev.	Date	Description	Drawn Chk'd App'd
01	JUNE 2023	DEADLINE 2	EO LC MF
0	November 2022	APPLICATION SUBMISSION	ljf LC MF

Drawing Status: APPLICATION SUBMISSION

Project Title		M3 JUNCTION 9 IMPROVEMENT SCHEME			
Drawing Title		ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-E_NMUX_01-M2-VFK-ALIGNMENTRE-0001			
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Original Size	A1	Date	01.09.21	Date	06.10.21
Checked	LC	Date	06.10.21	Approved	MF
Date	06.10.21	Date	06.10.21	Date	06.10.21
Drawing Number	HE551511-VFK-LSI-CH-4061	Originator	Volume	Project Ref. No.	48176
Location	E_NMUX_01-DR-CH-4061	Type	Role	Number	REV 01

CH-HML-E_NMUX_23-M2-VFK-ALIGNMENTRE-0001
SCALE: Hz 1:1000, Vt 1:200

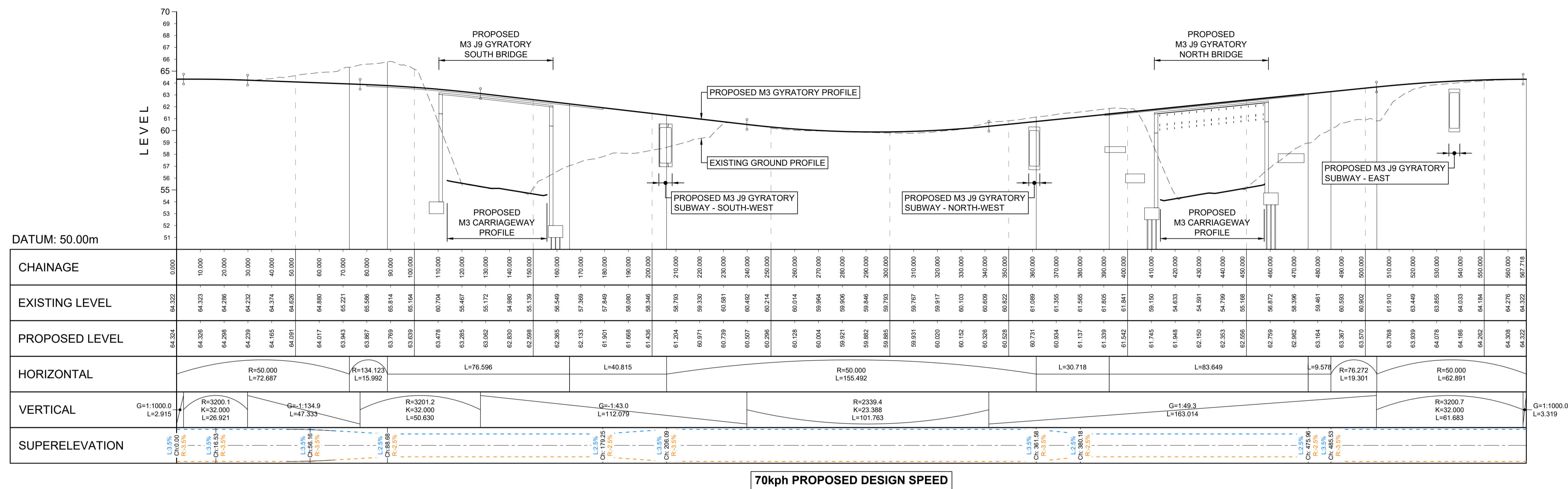


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Drawing Status APPLICATION SUBMISSION				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-E_NMUX_23-M2-VFK-ALIGNMENTRE-0001		
Client 				Scale: 1:1000 Original Size: A2 Drawing Number: HE551511 - VFK - LSI - E_NMUX_23 - DR - CH - 4061		
01	JUNE 2023	DEADLINE 2	EO	LC	MF	Project Ref. No. 48176
0	November 2022	APPLICATION SUBMISSION	GP	AC	MF	Revision REV 01
Rev.	Date	Description	Drawn	Chk'd	App'd	Scale: 1:1000 Designed: ATC Drawn: ATC Checked: AC Approved: MF Date: 17.02.21 Date: 17.02.21 Date: 17.02.21 Date: 17.02.21

PROPOSED M3 JUNCTION 9 GYRATORY
CH-HML-E_RNBT_01-M2-VFK-ALIGNMENTRE-0001
 SCALE: Hz 1:1000, Vt 1:200

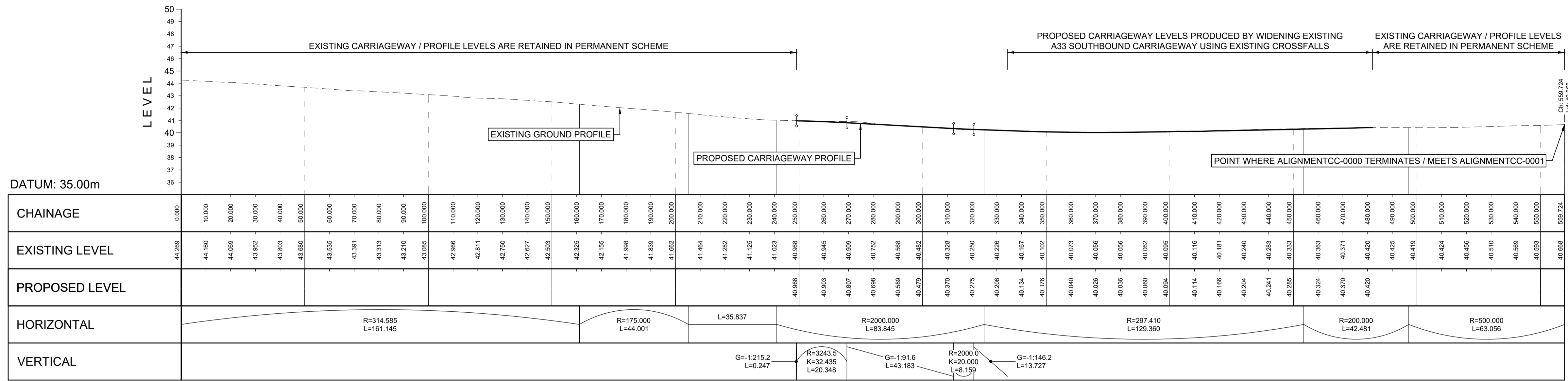


70kph PROPOSED DESIGN SPEED

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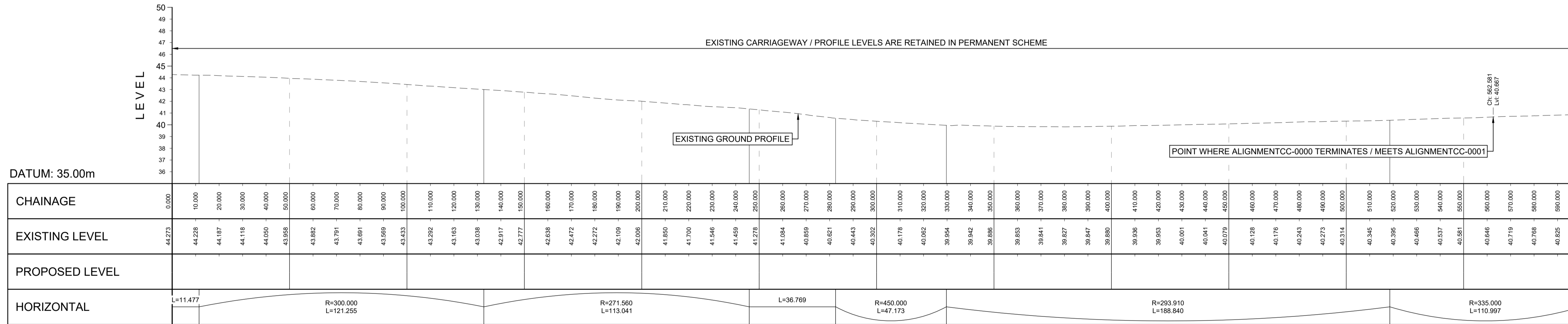
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DESIGNER 				Scale 1:1000H 1:200V			
SUITABILITY APPLICATION SUBMISSION		Client 		Designed GP	Drawn GP	Checked AC	Approved MF
01 JUNE 2023 DEADLINE 2 EO LC MF		0 NOVEMBER 2022 APPLICATION SUBMISSION GP AC MF		Original Size A1	Date 11.01.21	Date 11.01.21	Date 11.01.21
Rev. Date Description Drawn Chk'd App'd		Drawing Number HE551511 - VFK - LSI - E_RNBT_01 - DR - CH - 4061		Originator Volume		Project Ref. No. 48176	
				Location Type Role Number		Revision REV 01	

CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0000
SCALE: Hz 1:1000, Vt 1:200



PROPOSED 70kph DESIGN SPEED

CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0001 (CH 0-600)
SCALE: Hz 1:1000, Vt 1:200



PROPOSED 70kph DESIGN SPEED

FOR CONTINUATION SEE SHEET 2

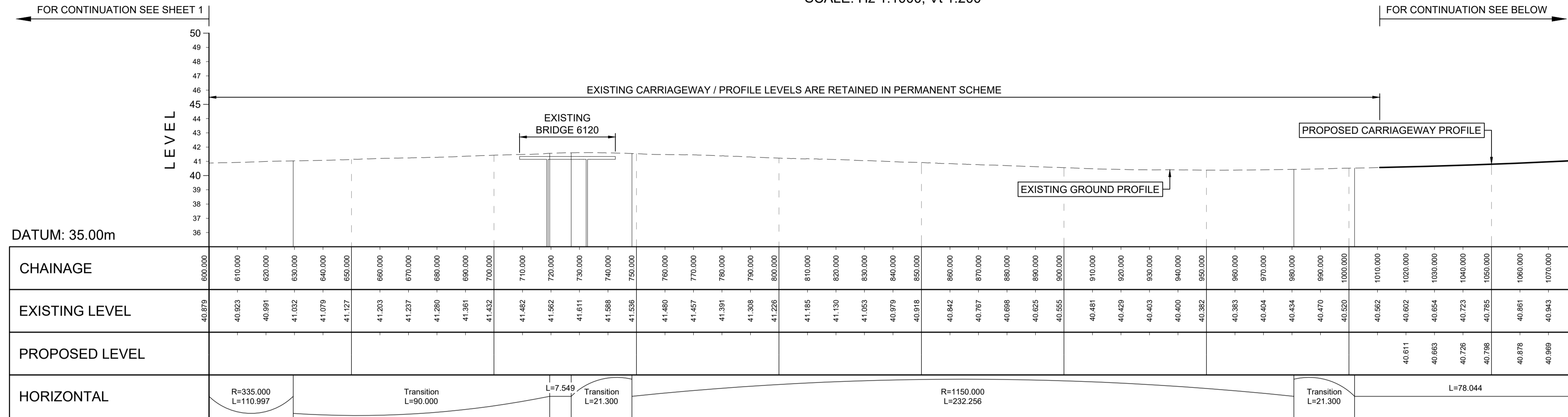
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 - REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
 - REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
 - THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)		
Development Consent Order Number / Document	TR010055/2.6		
DESIGNER			
SUITABILITY	APPLICATION SUBMISSION		
Rev.	Date	Description	Drawn Chk'd App'd
01	JUNE 2023	DEADLINE 2	EO LC MF
0	November 2022	APPLICATION SUBMISSION	NK AC MF

Drawing Status: **APPLICATION SUBMISSION**

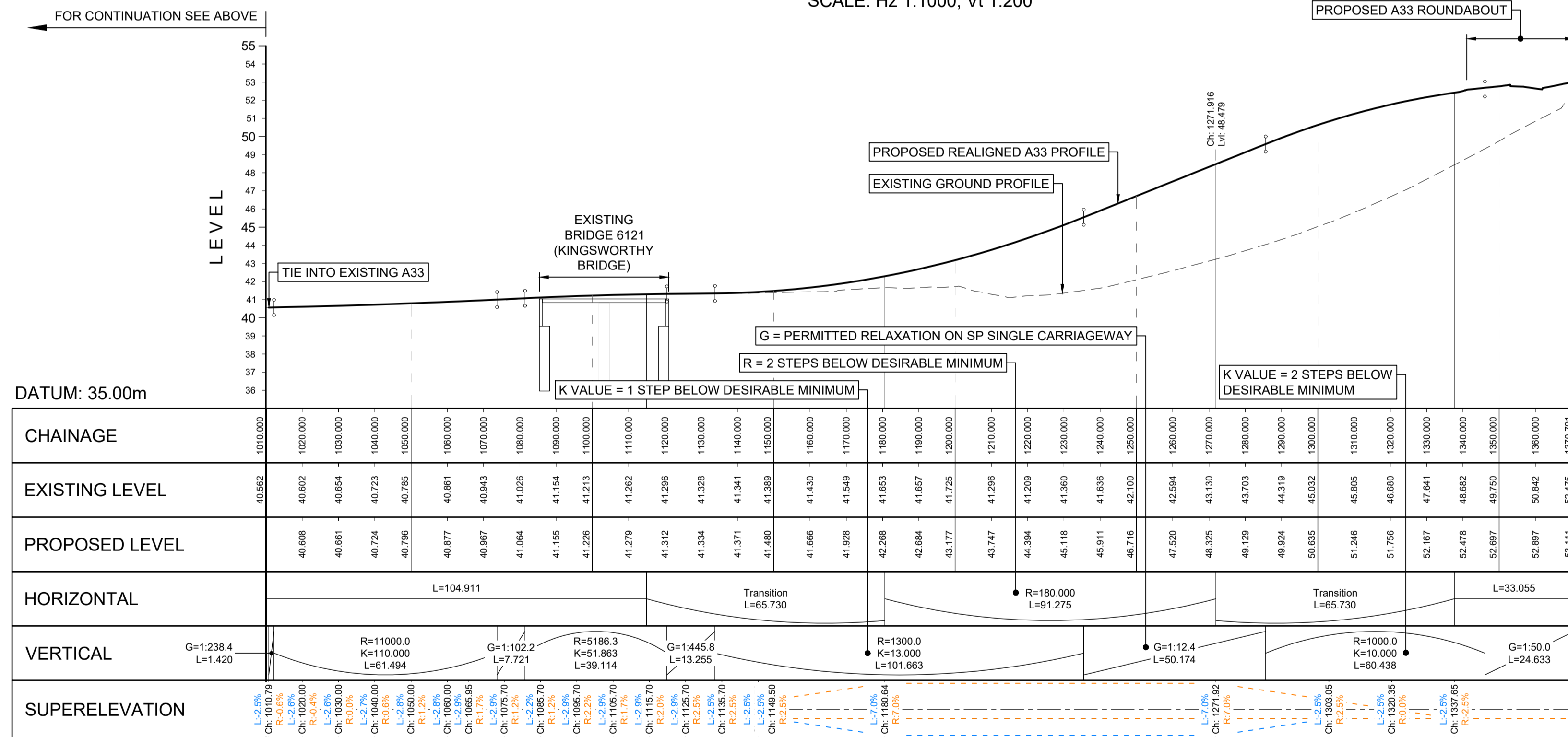
Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME			
Drawing Title	ENGINEERING PLANS AND SECTIONS - LONG SECTIONS FOR ALIGNMENTS CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0000 & CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0001 SHEET 1 OF 2			
Scale	1:1000H 1:200V	Designed	Drawn	Checked
Original Size	A1	Date	Date	Date
		28.01.21	28.01.21	28.01.21
Approved	MF			
Project Ref. No.	48176			
Revision	REV 01			

CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0001 (CH 600-1080)
SCALE: Hz 1:1000, Vt 1:200



PROPOSED 70kph DESIGN SPEED

CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0002
SCALE: Hz 1:1000, Vt 1:200



PROPOSED 70kph DESIGN SPEED

NOTES:

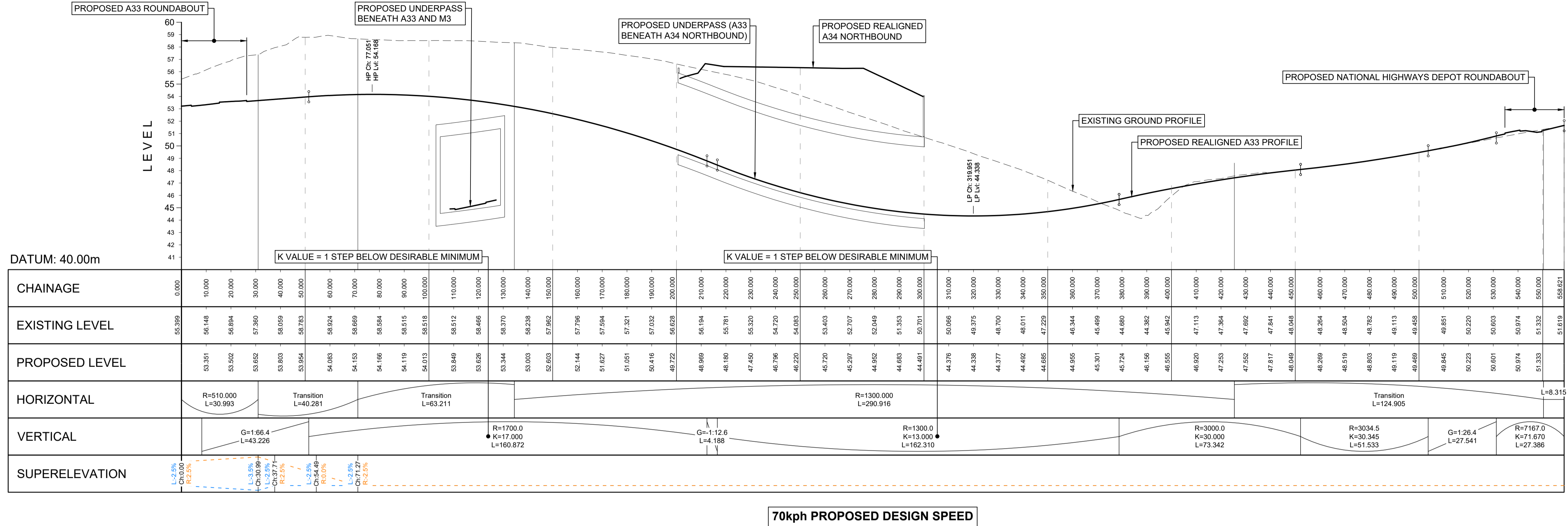
- THIS DRAWING HAS BEEN PRODUCED USING CAD SOFTWARE, THEREFORE ALL DIMENSIONS ARE SHOWN IN METRES UNLESS SHOWN OTHERWISE.
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APFF Regulation Number	5(2)(o), 5(2)(p) and 6(2)					
Development Consent Order Number / Document	TR010055/2.6					
DESIGNER						
SUITABILITY	APPLICATION SUBMISSION					
Rev.	Date	Description	Drawn	Chk'd	App'd	
01	JUNE 2023	DEADLINE 2		EO	LC	MF
0	November 2022	APPLICATION SUBMISSION		lj	LC	MF

Application Status: APPLICATION SUBMISSION

Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME								
Drawing Title	ENGINEERING PLANS AND SECTIONS - LONG SECTIONS FOR ALIGNMENTS CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0001 & CH-HML-W_A33X_S1-M2-VFK-ALIGNMENTCC-0002 SHEET 2 OF 2								
Scale	1:1000H 1:200V	Designed	lj	Drawn	lj	Checked	LC	Approved	MF
Original Size	A1	Date	23.09.21	Date	23.09.21	Date	23.09.21	Date	23.09.21
Drawing Number	HE551511 -	Originator	VFK	Volume	LSI	Project Ref. No. 48176			
Location	W_A33X_S1 - DR - CH - 4062	Type		Role		Number		Revision	REV 01

CH-HML-W_A33X_S2-M2-VFK-ALIGNMENTCC-0001
SCALE: HZ 1:1000, VT 1:200



70kph PROPOSED DESIGN SPEED

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 - REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
 - THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

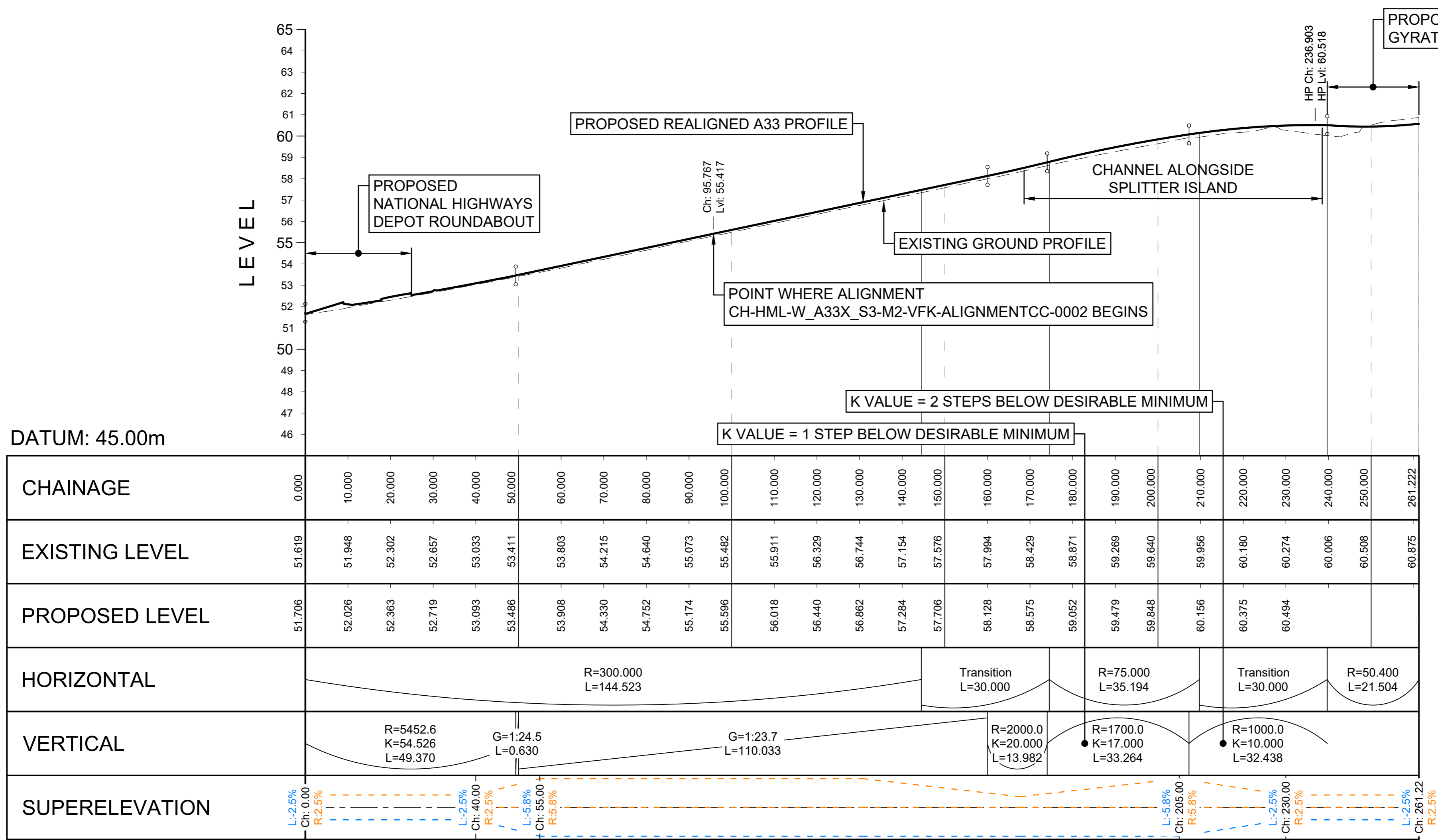
APFP Regulation Number 5(2)(o), 5(2)(p) and 6(2)		Drawing Status APPLICATION SUBMISSION	
Development Consent Order Number / Document TR010055/2.6		Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME	
DESIGNER Stantec		Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-W_A33X_S2-M2-VFK-ALIGNMENTCC-0001	
SUITABILITY APPLICATION SUBMISSION		Scale 1:1000H 1:200V	
01	JUNE 2023 DEADLINE 2	EO	LC MF
0	November 2022 APPLICATION SUBMISSION	NK	AC MF
Rev.	Date	Description	Drawn Ch'kd App'd

VolkerFitzpatrick

national highways

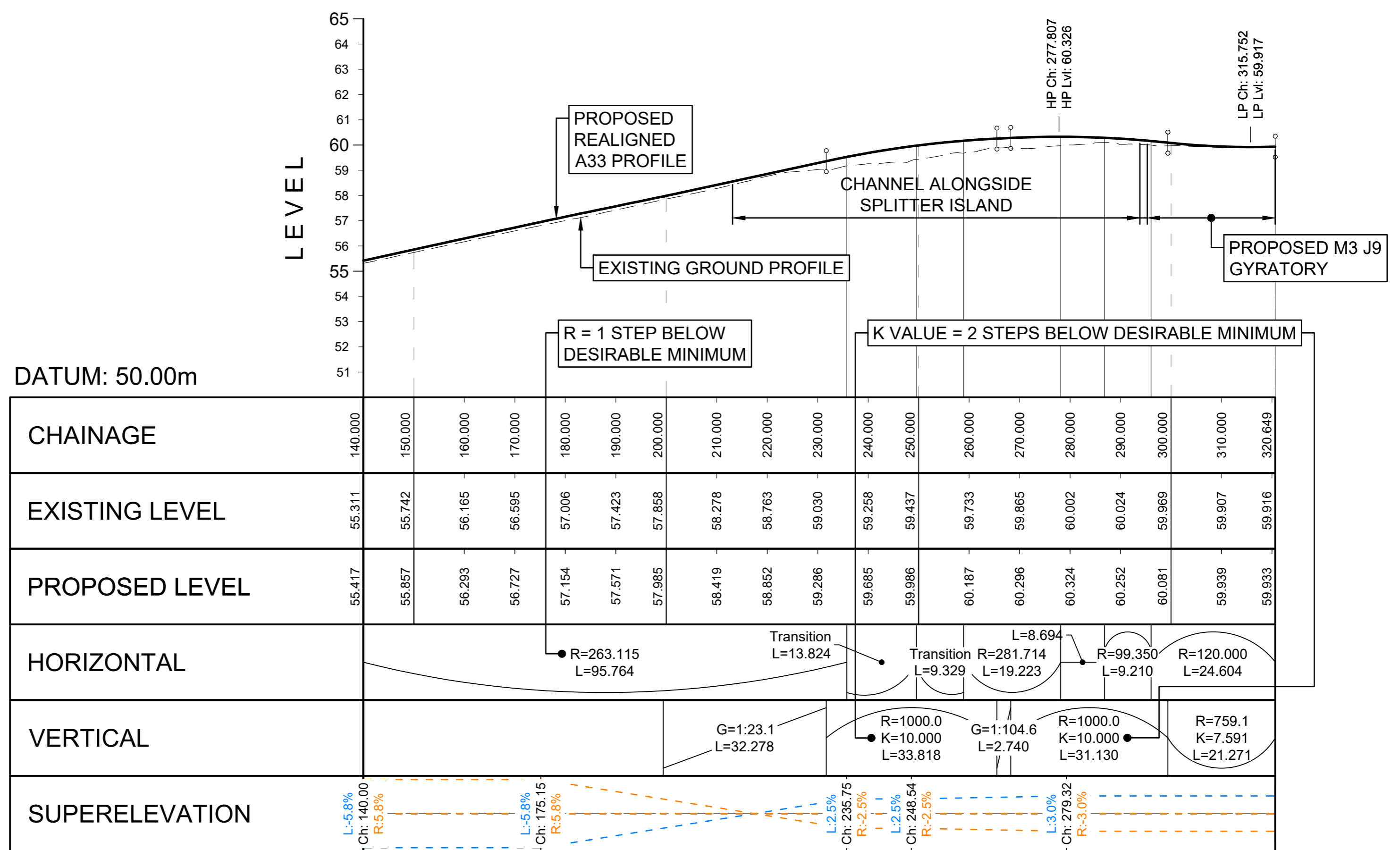
Original Size A1	Designed ljj	Drawn NK	Checked AC	Approved MF
Date 28.01.21	Date 28.01.21	Date 28.01.21	Date 28.01.21	Date 28.01.21
Drawing Number HE551511 - VFK - LSI - W_A33X_S2 - DR - CH - 4061	Originator VFK	Volume LSI	Location S2	Type DR
Project Ref. No. 48176	Revision REV 01	Role Number		

CH-HML-W_A33X_S3-M2-VFK-ALIGNMENTCC-0001
SCALE: Hz 1:1000, Vt 1:200



70kph PROPOSED DESIGN SPEED

CH-HML-W_A33X_S3-M2-VFK-ALIGNMENTCC-0002
SCALE: Hz 1:1000, Vt 1:200



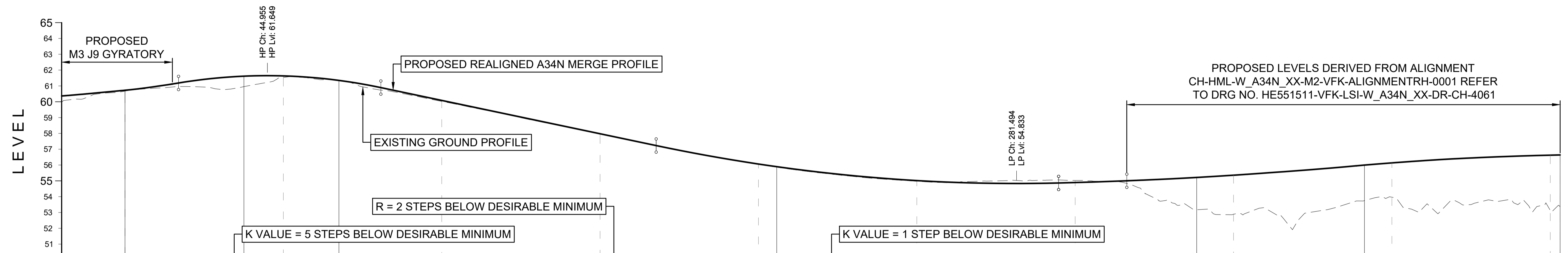
70kph PROPOSED DESIGN SPEED

NOTES:

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- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APPF Regulation Number 5(2)(o), 5(2)(p) and 6(2)		Drawing Status APPLICATION SUBMISSION		Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME			
Development Consent Order Number / Document TR010055/2.6				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALIGNMENTS CH-HML-W_A33X_S3-M2-VFK-ALIGNMENTCC-0001 & CH-HML-W_A33X_S3-M2-VFK-ALIGNMENTCC-0002			
DESIGNER 				Scale 1:1000H 1:200V Original Size A2			
SUITABILITY APPLICATION SUBMISSION		Client 		Designed ljj Date 29.01.21	Drawn NK Date 29.01.21	Checked AC Date 29.01.21	Approved MF Date 29.01.21
01	JUNE 2023	DEADLINE 2	EO	LC	MF	Drawing Number HE551511 - VFK - LSI - W_A33X_S3 - DR - CH - 4061 Location Type Role Number	
0	November 2022	APPLICATION SUBMISSION	NK	AC	MF	Project Ref. No. 48176 Revision REV 01	
Rev.	Date	Description	Drawn	Chk'd	App'd		

CH-HML-W_A34N_MR-M2-VFK-ALIGNMENTRE-0001
SCALE: Hz 1:1000, Vt 1:200



DATUM: 50.00m

CHAINAGE	-20.000	-10.000	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	440.000	450.000	453.106					
EXISTING LEVEL	59.964	60.453	60.671	60.863	60.958	60.785	61.046	61.529	61.440	61.298	60.759	60.427	60.020	59.614	59.211	58.779	58.380	57.966	57.536	57.127	56.718	56.371	56.042	55.737	55.492	55.275	55.102	54.971	54.884	54.979	55.041	55.038	55.026	54.963	54.967	55.034	55.126	55.233	55.356	55.495	55.638	55.797	55.972	56.134	56.277	56.386	56.490	56.566	56.623	56.637				
PROPOSED LEVEL	60.363	60.538	60.725	60.974	61.282	61.517	61.634	61.634	61.516	61.280	60.926	60.505	60.084	59.662	59.241	58.819	58.398	57.976	57.555	57.135	56.740	56.383	56.062	55.779	55.533	55.324	55.151	55.016	54.918	54.857	54.833	54.846	54.883	54.957	55.034	55.126	55.233	55.356	55.495	55.638	55.797	55.972	56.134	56.277	56.386	56.490	56.566	56.623	56.637					
HORIZONTAL	R=54.200 L=20.000		R=46.200 L=37.550		Transition L=29.994		R=850.0 K=8.500 L=63.886		R=513.700 L=138.233		Transition L=132.584		L=52.962		L=61.783																																							
VERTICAL	G=3.3% L=2.592								G=-4.2% L=86.924				R=2700.0 K=27.000 L=127.067		R=6965.8 K=69.658 L=21.519		G=0.8% L=0.247																																					
SUPERELEVATION	L=2.5% Ch:0.000 R=2.5%		L=2.5% Ch:35.94 R=2.5%		L=5.0% Ch:67.54 R=5.0%		L=5.0% Ch:205.78 R=5.0%		L=2.5% Ch:330.7 R=2.5%																																													

120kph PROPOSED DESIGN SPEED

- NOTES:**
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 - REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
 - THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

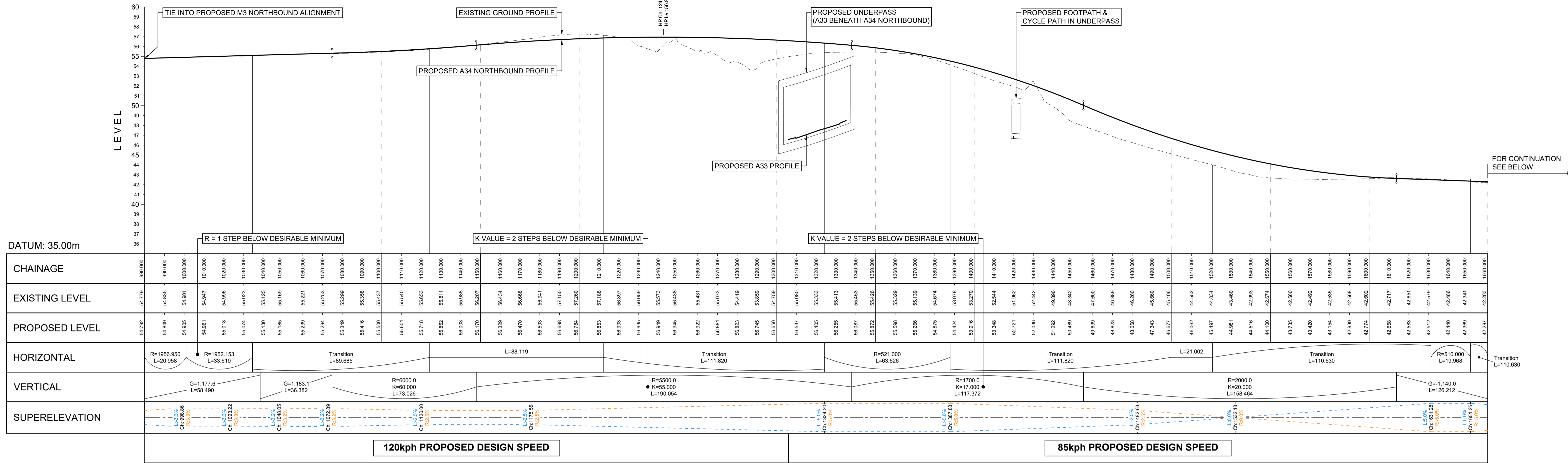
APPF Regulation Number	5(2)(o), 5(2)(p) and 6(2)				
Development Consent Order Number / Document	TR010055/2.6				
DESIGNER					
SUITABILITY	APPLICATION SUBMISSION				
Rev.	Date	Description	Drawn	Chk'd	App'd
01	JUNE 2023	DEADLINE 2	EO	LC	MF
0	November 2022	APPLICATION SUBMISSION	NK	AC	MF

Drawing Status: **APPLICATION SUBMISSION**

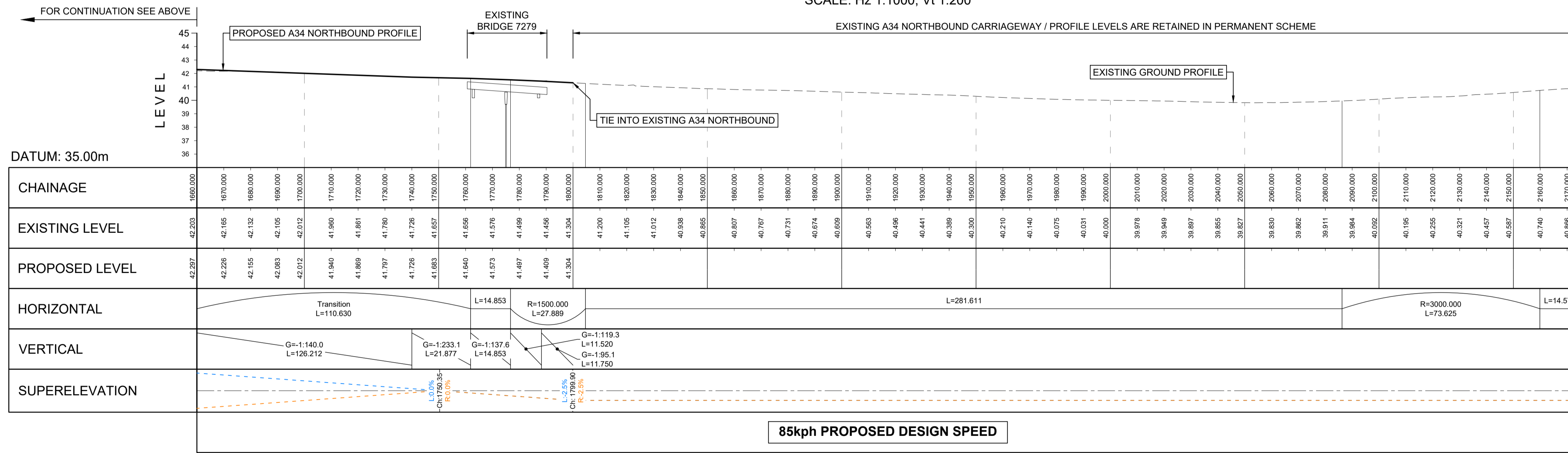
Client:

Project Title: M3 JUNCTION 9 IMPROVEMENT SCHEME				
Drawing Title: ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-W_A34N_MR-M2-VFK-ALIGNMENTRE-0001				
Scale	Designed	Drawn	Checked	Approved
1:1000H 1:200V	ljj	NK	AC	MF
Original Size	Date	Date	Date	Date
A2	29.01.21	29.01.21	29.01.21	29.01.21
Drawing Number	Originator	Volume	Project Ref. No.	
HE551511 - VFK - LSI - W_A34N_MR - DR - CH - 4061			48176	
Revision				REV 01

CH-HML-W_A34N_XX-M2-VFK-ALIGNMENTRH-0001 (CH 980-1660)
SCALE: Hz 1:1000, Vt 1:200



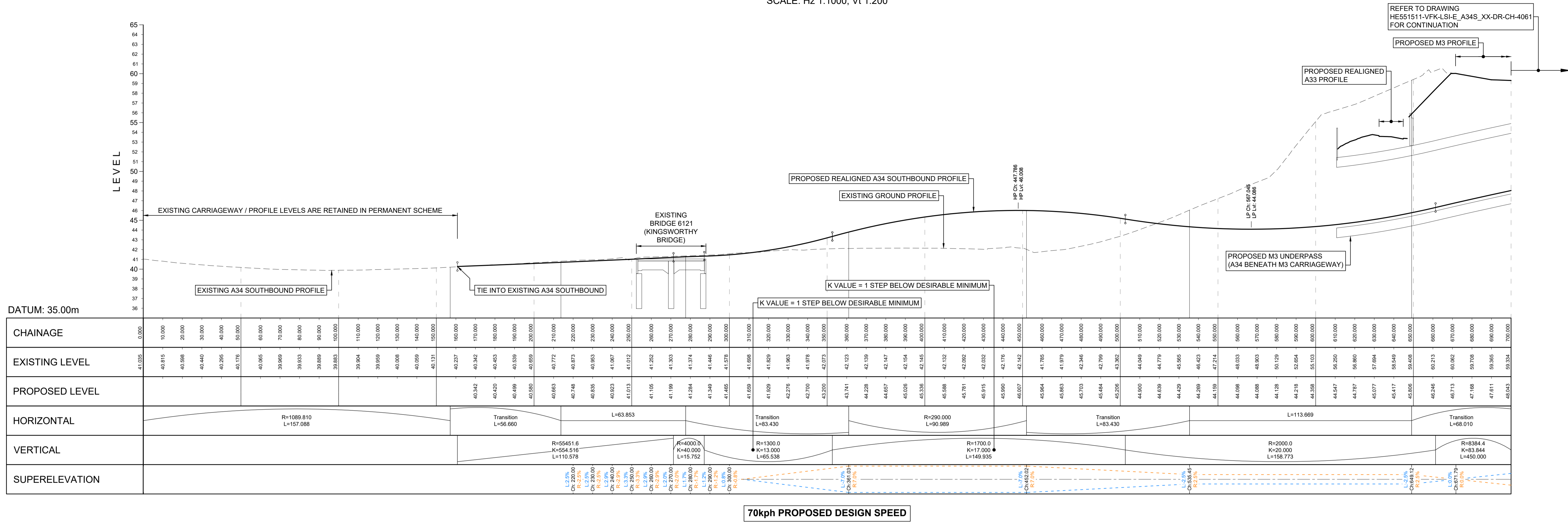
CH-HML-W_A34N_XX-M2-VFK-ALIGNMENTRH-0001 (CH 1660-2174.426)
SCALE: Hz 1:1000, Vt 1:200



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 - REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
 - REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
 - THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APFP Regulation Number 5(2)(o), 5(2)(p) and 6(2)	Development Consent Order Number / Document TR010055/2.6	DESIGNER Stantec	SUITABILITY APPLICATION SUBMISSION	Drawing Status APPLICATION SUBMISSION	Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME
Client national highways				Scale 1:1000H 1:200V	Designed ljj
Original Size A1				Drawn NK	Checked AC
Date 29.01.21				Date 29.01.21	Approved MF
Drawing Number HE551511 - VFK - LSI - W_A34N_XX - DR - CH - 4061				Project Ref. No. 48176	
Revision Rev. Date Description				Revision REV 01	

CH-HML-X_A34S_XX-M2-VFK-ALIGNMENTRH-0001
SCALE: Hz 1:1000, Vt 1:200



- NOTES:**
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 - REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
 - THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

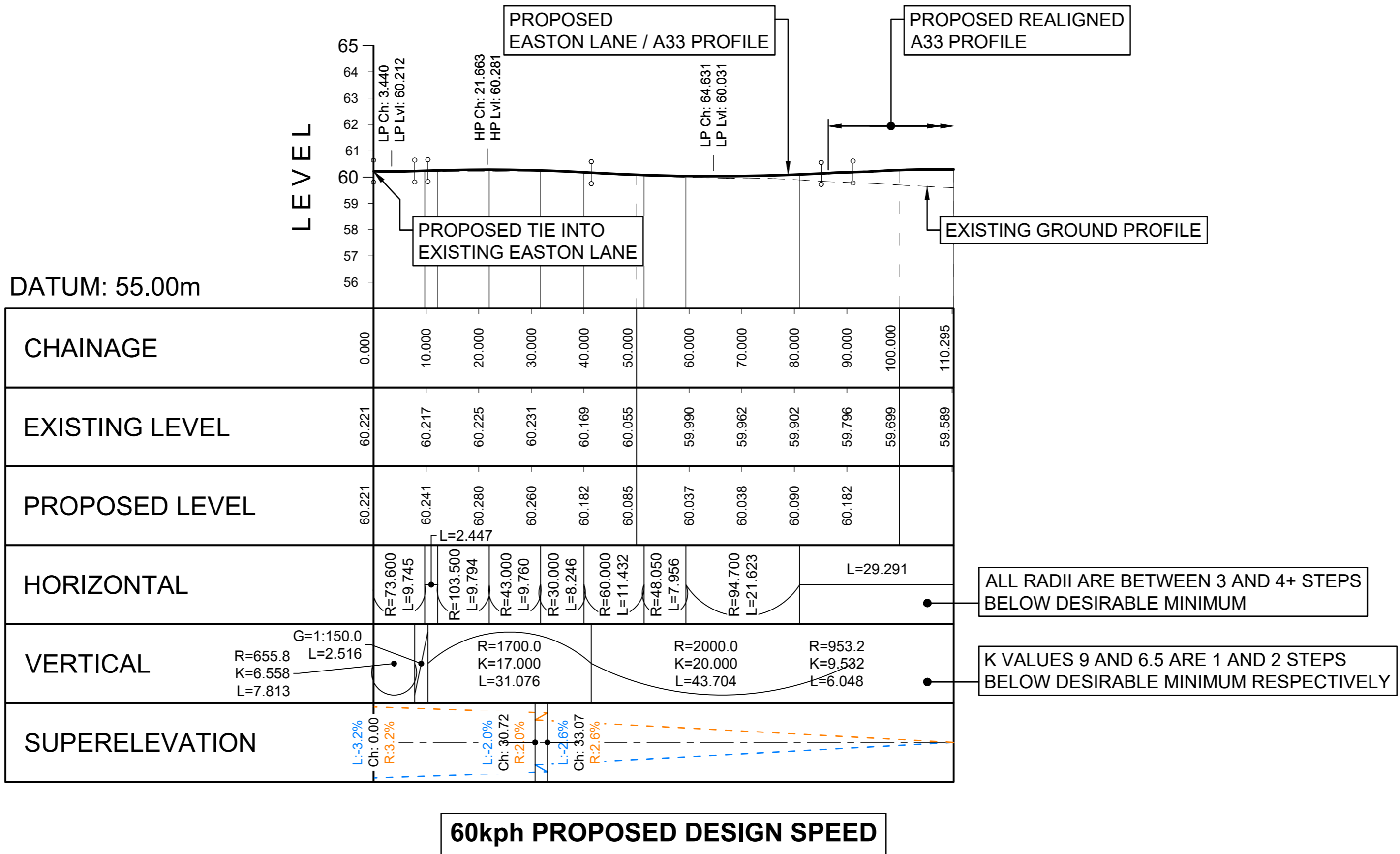
APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)	
Development Consent Order Number / Document	TR010055/2.6	
DESIGNER		
SUITABILITY	APPLICATION SUBMISSION	
Client		
01	JUNE 2023	DEADLINE 2
0	November 2022	APPLICATION SUBMISSION
Rev.	Date	Description

Drawing Status: **APPLICATION SUBMISSION**

Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME			
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-X_A34S_XX-M2-VFK-ALIGNMENTRH-0001 WESTERN SIDE			
Scale	1:1000H 1:200V	Designed	Drawn	Checked
Original Size	A1	Date	Date	Date
		29.01.21	29.01.21	29.01.21
Drawing Number	HE551511 - VFK - LSI - W_A34S_XX - DR - CH - 4061	Originator	Volume	Project Ref. No.
				48176
				REV 01

CH-HML-W_ESTN_NB-M2-VFK-ALIGNMENTS LTLRH-0001

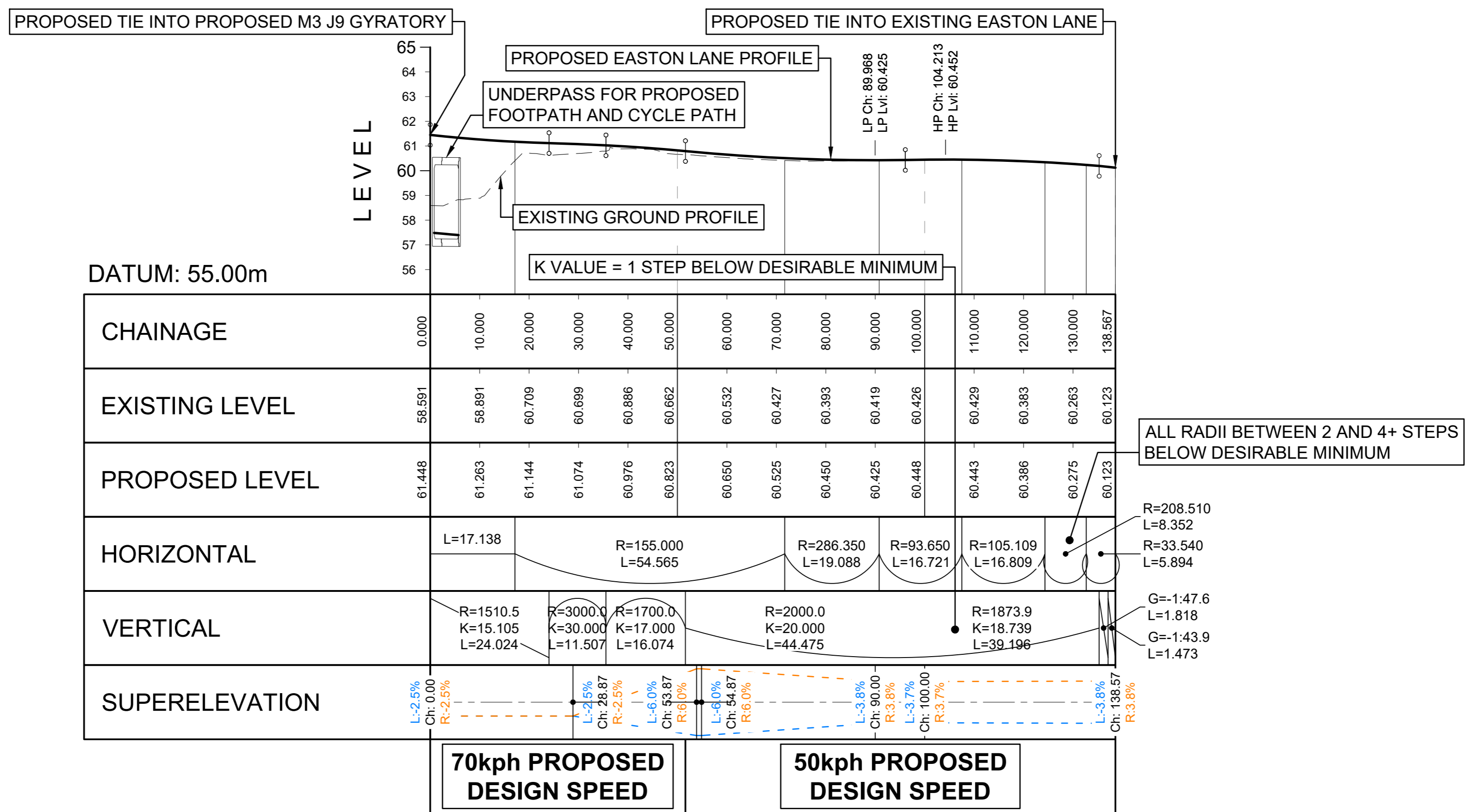
SCALE: Hz 1:1000, Vt 1:200



60kph PROPOSED DESIGN SPEED

CH-HML-W_ESTN_SB-M2-VFK-ALIGNMENTCL1-0001

SCALE: Hz 1:1000, Vt 1:200



70kph PROPOSED DESIGN SPEED

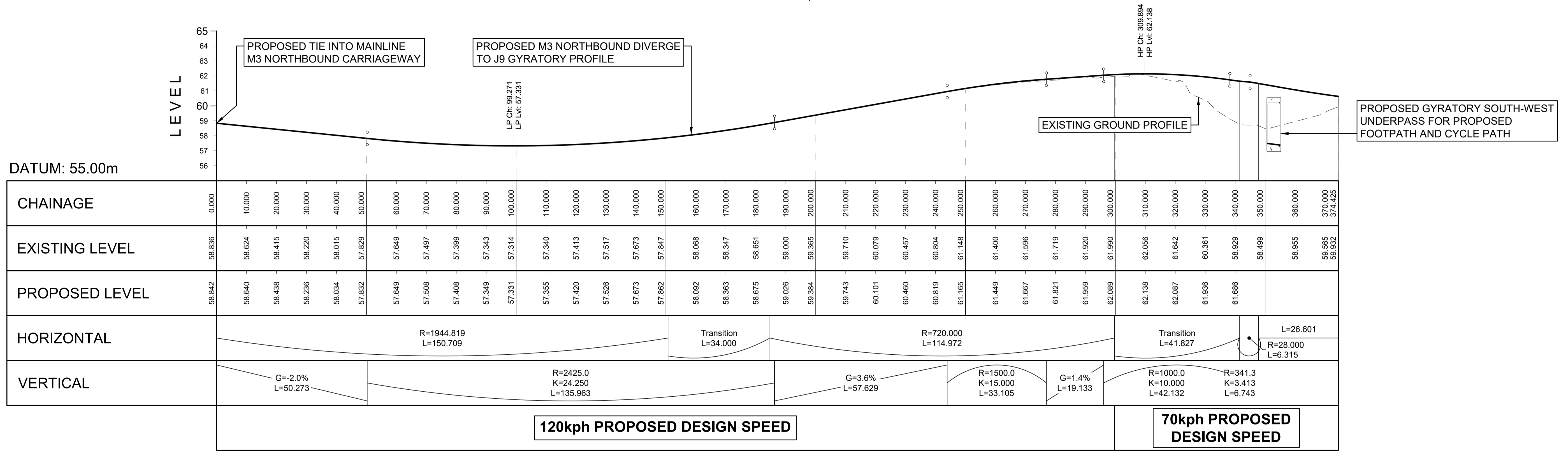
50kph PROPOSED DESIGN SPEED

NOTES:

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- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APPF Regulation Number 5(2)(o), 5(2)(p) and 6(2)		Drawing Status APPLICATION SUBMISSION		Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME	
Development Consent Order Number / Document TR010055/2.6				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALIGNMENTS CH-HML-W_ESTN_NB-M2-VFK-ALIGNMENTS LTLRH-0001 & CH-HML-W_ESTN_SB-M2-VFK-ALIGNMENTCL1-0001	
DESIGNER 				Scale 1:1000H 1:200V	
SUITABILITY APPLICATION SUBMISSION		Client 		Original Size A2	
01 JUNE 2023 DEADLINE 2 EO LC MF		Designed ljj		Drawn NK	
0 November 2022 APPLICATION SUBMISSION NK AC MF		Date 29.01.21		Checked AC	
Rev. Date Description Drawn Chk'd App'd		Date 29.01.21		Approved MF	
		Drawing Number HE551511 - VFK - LSI - W_ESTN_XX - DR - CH - 4061		Project Ref. No. 48176	
		Location Type Role Number		Revision REV 01	

CH-HML-W_M3NB_DV-M2-VFK-ALIGNMENTRH-0011
SCALE: Hz 1:1000, Vt 1:200



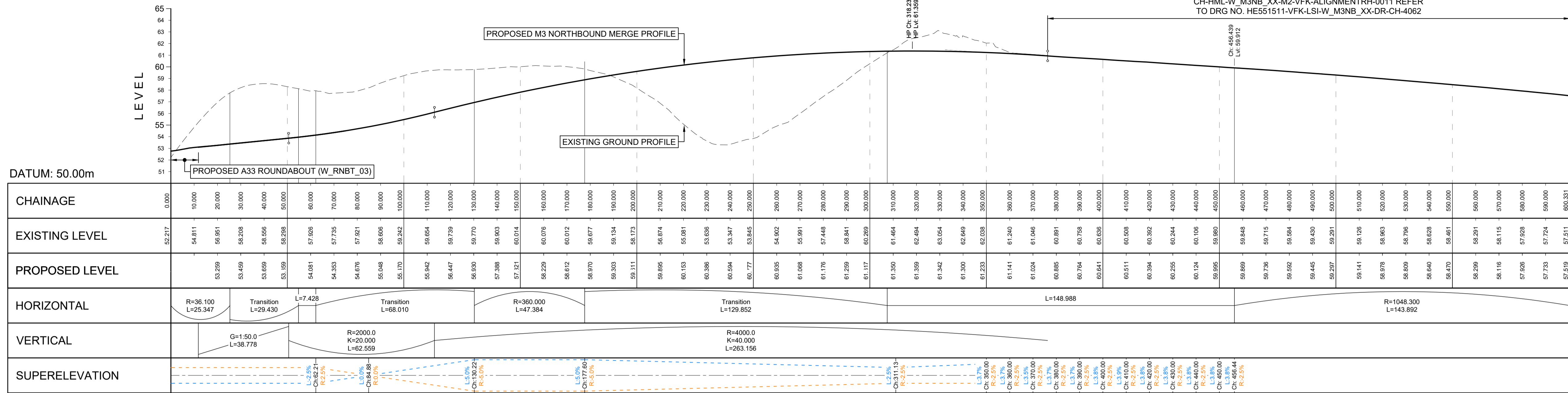
NOTES:

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- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APFP Regulation Number 5(2)(o), 5(2)(p) and 6(2)		Drawing Status APPLICATION SUBMISSION		Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME	
Development Consent Order Number / Document TR010055/2.6				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-W_M3NB_DV-M2-VFK-ALIGNMENTRH-0011	
DESIGNER 				Scale 1:1000H 1:200V	
SUITABILITY APPLICATION SUBMISSION		Client 		Designed LJJ	Drawn NK
				Checked AC	Approved MF
				Date 29.01.21	Date 29.01.21
				Date 29.01.21	Date 29.01.21
				Drawing Number HE551511 - VFK - LSI - W_M3NB_DV- DR - CH - 4061	
				Project Ref. No. 48176	
				Revision REV 01	
Rev.	Date	Description	Drawn	Chk'd	App'd
01	JUNE 2023	DEADLINE 2	EO	LC	MF
0	November 2022	APPLICATION SUBMISSION	GP	AC	MF

CH-HML-W_M3NB_MR-M2-VFK-ALIGNMENTRH-0011
SCALE: Hz 1:1000, Vt 1:200

PROPOSED LEVELS DERIVED FROM ALIGNMENT
CH-HML-W_M3NB_MR-M2-VFK-ALIGNMENTRH-0011 REFER
TO DRG NO. HE551511-VFK-LSI-W_M3NB_MR-DR-CH-4062



120kph PROPOSED DESIGN SPEED

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APFP Regulation Number		5(2)(o), 5(2)(p) and 6(2)	
Development Consent Order Number / Document		TR010055/2.6	
DESIGNER			
SUITABILITY		APPLICATION SUBMISSION	
01	JUNE 2023	DEADLINE 2	EO LC MF
0	November 2022	APPLICATION SUBMISSION	NK AC MF
Rev.	Date	Description	Drawn Chk'd App'd

Drawing Status
APPLICATION SUBMISSION

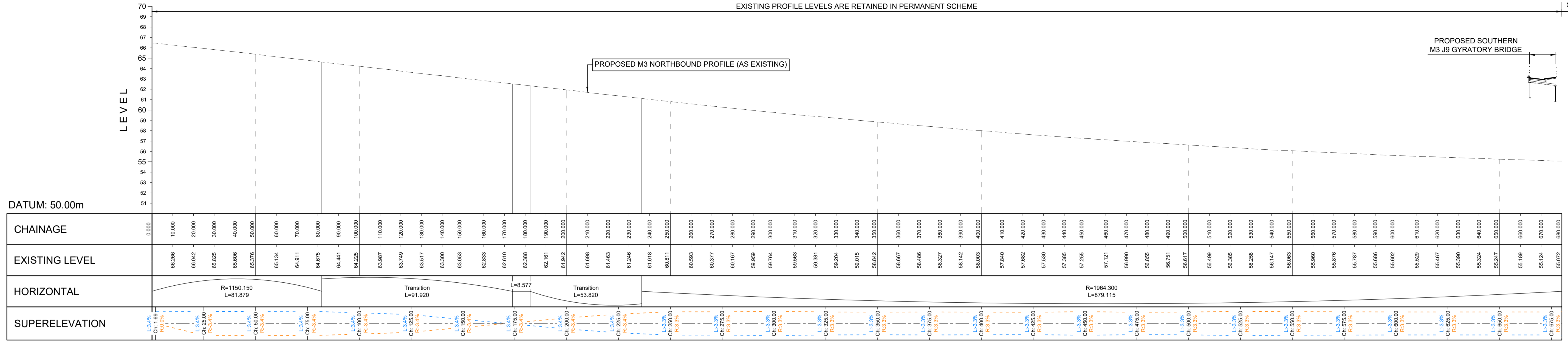
Client

Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME				
Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-W_M3NB_MR-M2-VFK-ALIGNMENTRH-0011				
Scale 1:1000H 1:200V	Designed ljj	Drawn NK	Checked AC	Approved MF
Original Size A1	Date 29.01.21	Date 29.01.21	Date 29.01.21	Date 29.01.21
Drawing Number HE551511 - VFK - LSI - W_M3NB_MR - DR - CH - 4061	Originator	Volume	Project Ref. No. 48176	
Location Type Role Number			Revision REV 01	

CH-HML-W_M3NB_XX-M2-VFK-ALIGNMENTRH-0011 (CH 0-680)
SCALE: H: 1:1000, V: 1:200

EXISTING PROFILE LEVELS ARE RETAINED IN PERMANENT SCHEME

FOR CONTINUATION
SEE BELOW

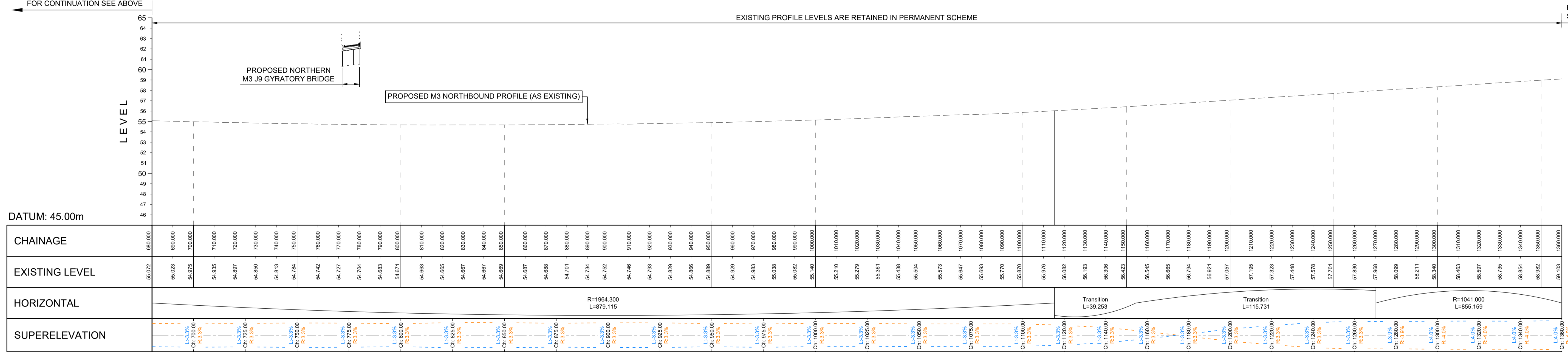


PROPOSED 120kph DESIGN SPEED

CH-HML-W_M3NB_XX-M2-VFK-ALIGNMENTRH-0011 (CH 680-1360)
SCALE: H: 1:1000, V: 1:200

EXISTING PROFILE LEVELS ARE RETAINED IN PERMANENT SCHEME

FOR CONTINUATION
SEE SHEET 2



PROPOSED 120kph DESIGN SPEED

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- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

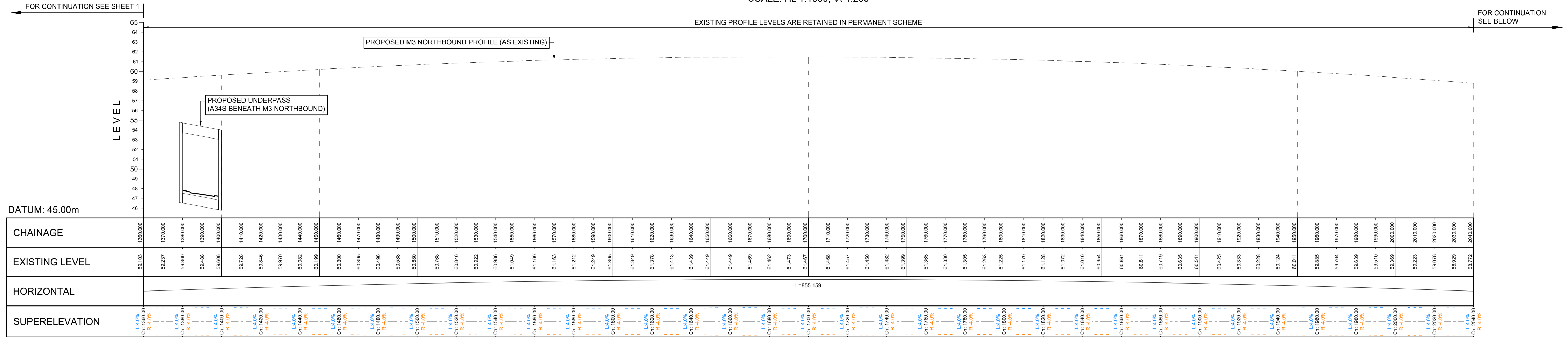
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Development Consent Order Number / Document		TR010055/2.6	
DESIGNER			
SUITABILITY		APPLICATION SUBMISSION	
01	JUNE 2023	DEADLINE 2	EO LC MF
0	November 2022	APPLICATION SUBMISSION	NK AC MF
Rev.	Date	Description	Drawn Chk'd App'd

Drawing Status
APPLICATION SUBMISSION

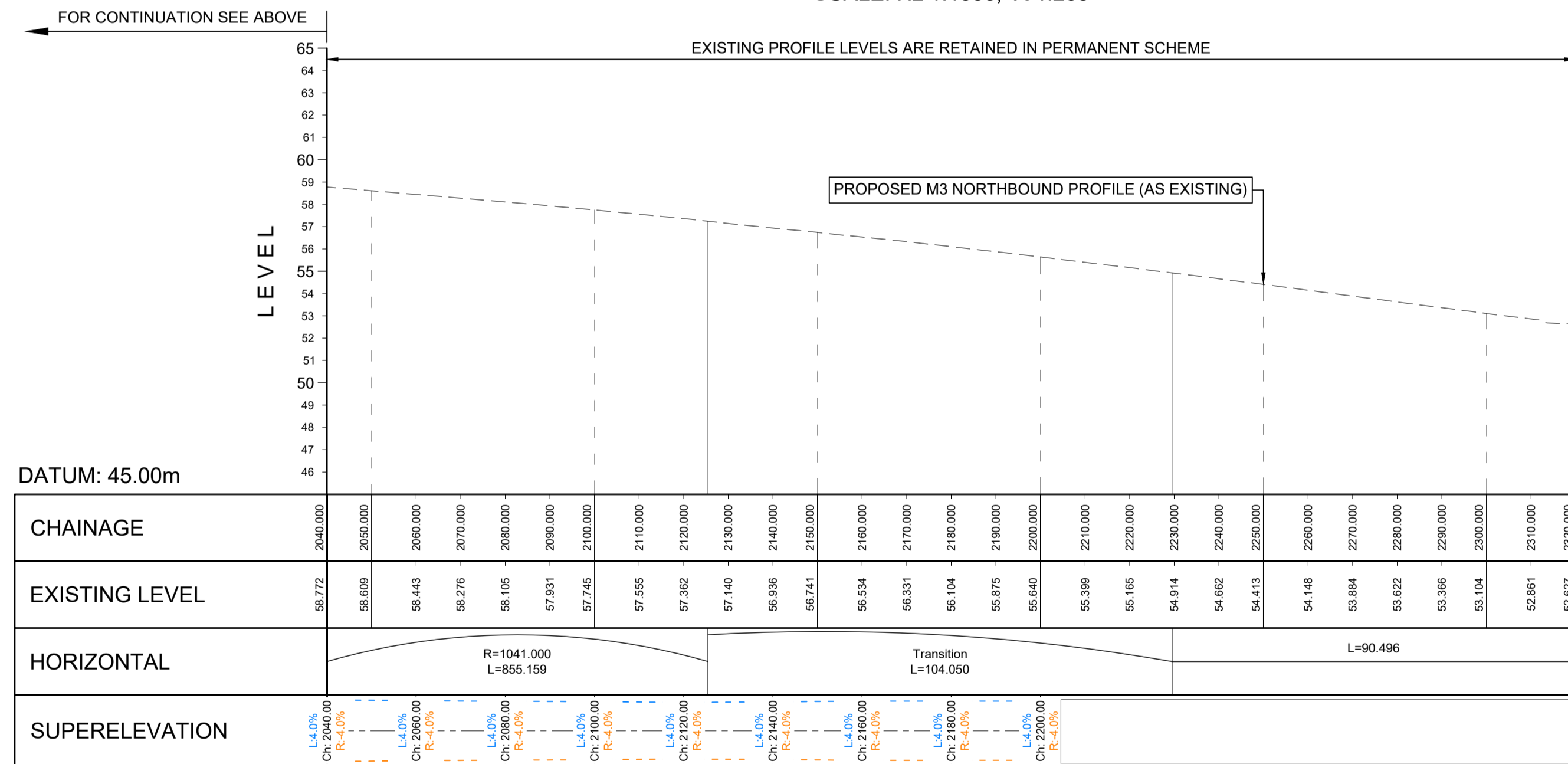
Client

Project Title				M3 JUNCTION 9 IMPROVEMENT SCHEME			
Drawing Title				ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-W_M3NB_XX-M2-VFK-ALIGNMENTRH-0011 (CH 0-1360) - SHEET 1 OF 2			
Scale	Designed	Drawn	Checked	Approved	Date	Date	Date
1:1000H 1:200V	ljj	NK	AC	MF	28.01.21	28.01.21	28.01.21
Original Size	Date	Date	Date	Date			
A1							
Drawing Number	Originator	Volume	Project Ref. No.		Revision		
HE551511 - VFK - LSI - W_M3NB_XX - DR - CH - 4061			48176		REV 01		
	Location	Type	Role	Number			

CH-HML-W_M3NB_XX-M2-VFK-ALIGNMENTRH-0011 (CH 1360-2040)
SCALE: Hz 1:1000, Vt 1:200



CH-HML-W_M3NB_XX-M2-VFK-ALIGNMENTRH-0011 (CH 2040-2320)
SCALE: Hz 1:1000, Vt 1:200



- NOTES:**
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 - REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
 - REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
 - THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

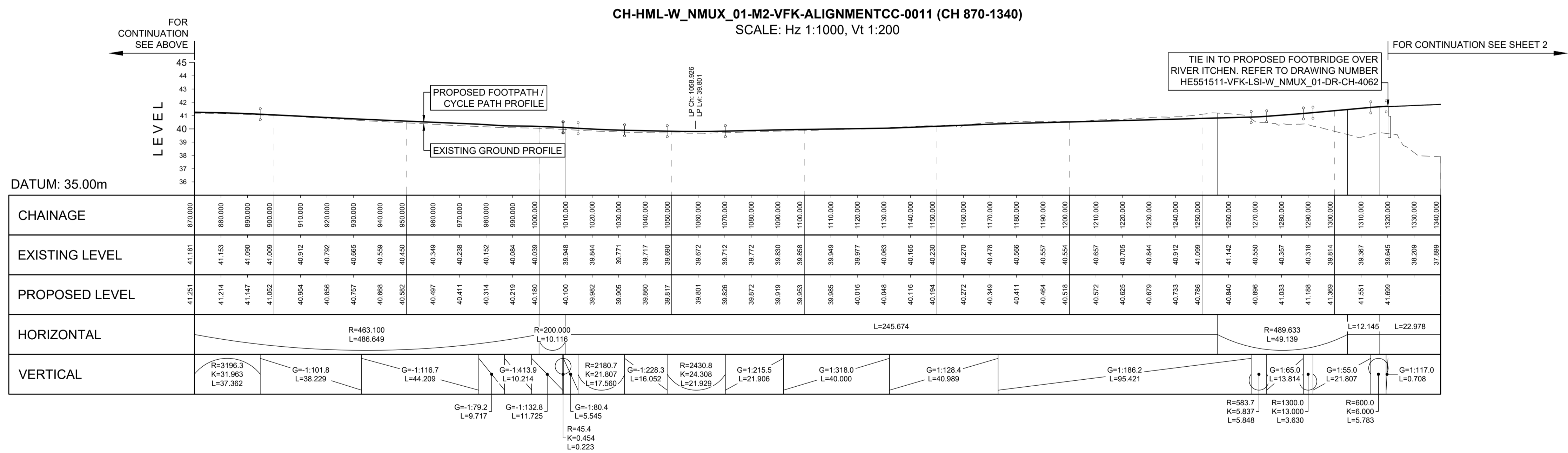
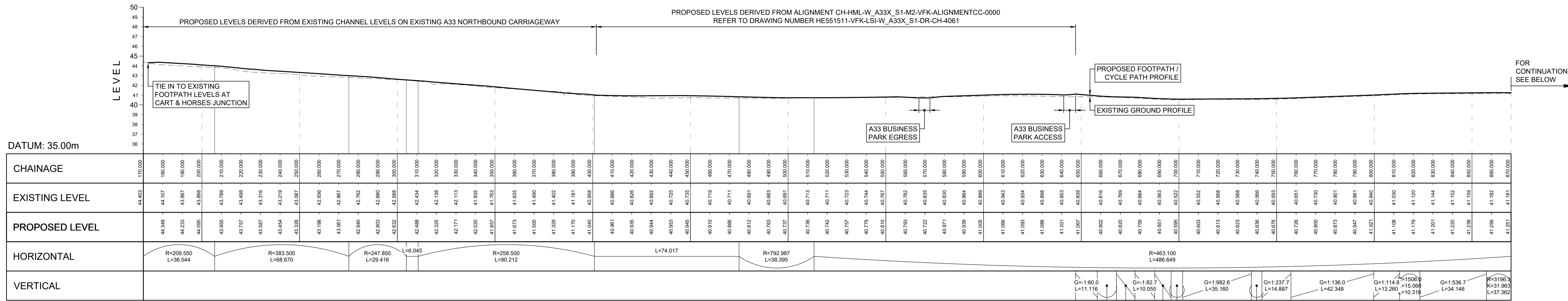
APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)				
Development Consent Order Number / Document	TR010055/2.6				
DESIGNER					
SUITABILITY	APPLICATION SUBMISSION				
Rev.	Date	Description	Drawn	Chk'd	App'd
01	JUNE 2023	DEADLINE 2	EO	LC	MF
0	November 2022	APPLICATION SUBMISSION	NK	AC	MF

Client:

APPLICATION SUBMISSION

Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME				
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTION FOR ALIGNMENT CH-HML-W_M3NB_XX-M2-VFK-ALIGNMENTRH-0011 (CH 1360-2320) - SHEET 2 OF 2				
Scale	1:1000H 1:200V	Designed	Drawn	Checked	Approved
Original Size	A1	Date	Date	Date	Date
		28.01.21	28.01.21	28.01.21	28.01.21
Drawing Number	HE551511 - VFK - LSI - W_M3NB_XX - DR - CH - 4062	Originator	Volume	Project Ref. No.	
				48176	
				Revision	
				REV 01	

CH-HML-W_NMUX_01-M2-VFK-ALIGNMENTCC-0011 (CH 170-870)
SCALE: HZ 1:1000, VT 1:200



NOTES:

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- REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
- REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
- THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

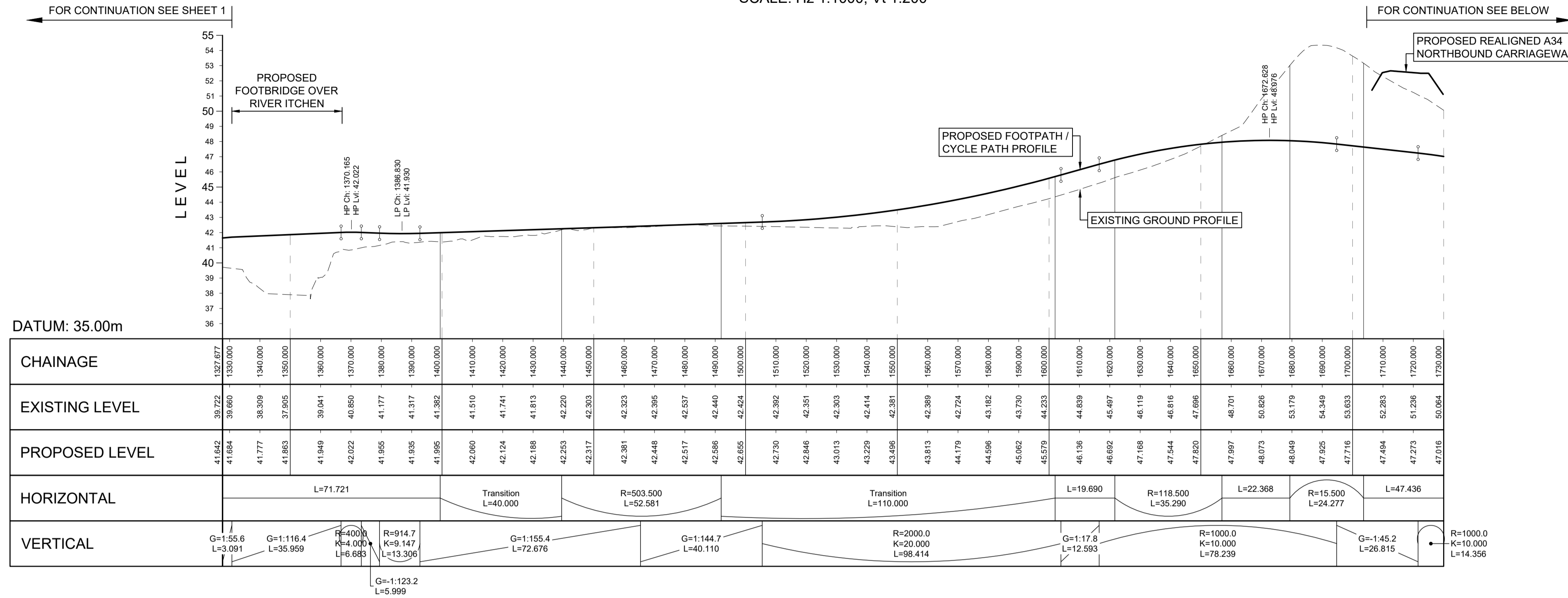
APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)		
Development Consent Order Number / Document	TR010055/2.6		
DESIGNER			
SUITABILITY	APPLICATION SUBMISSION		
Rev.	Date	Description	Drawn
01	JUNE 2023	DEADLINE 2	EO LC MF
0	November 2022	APPLICATION SUBMISSION	Ijj LC MF

Application Status: APPLICATION SUBMISSION

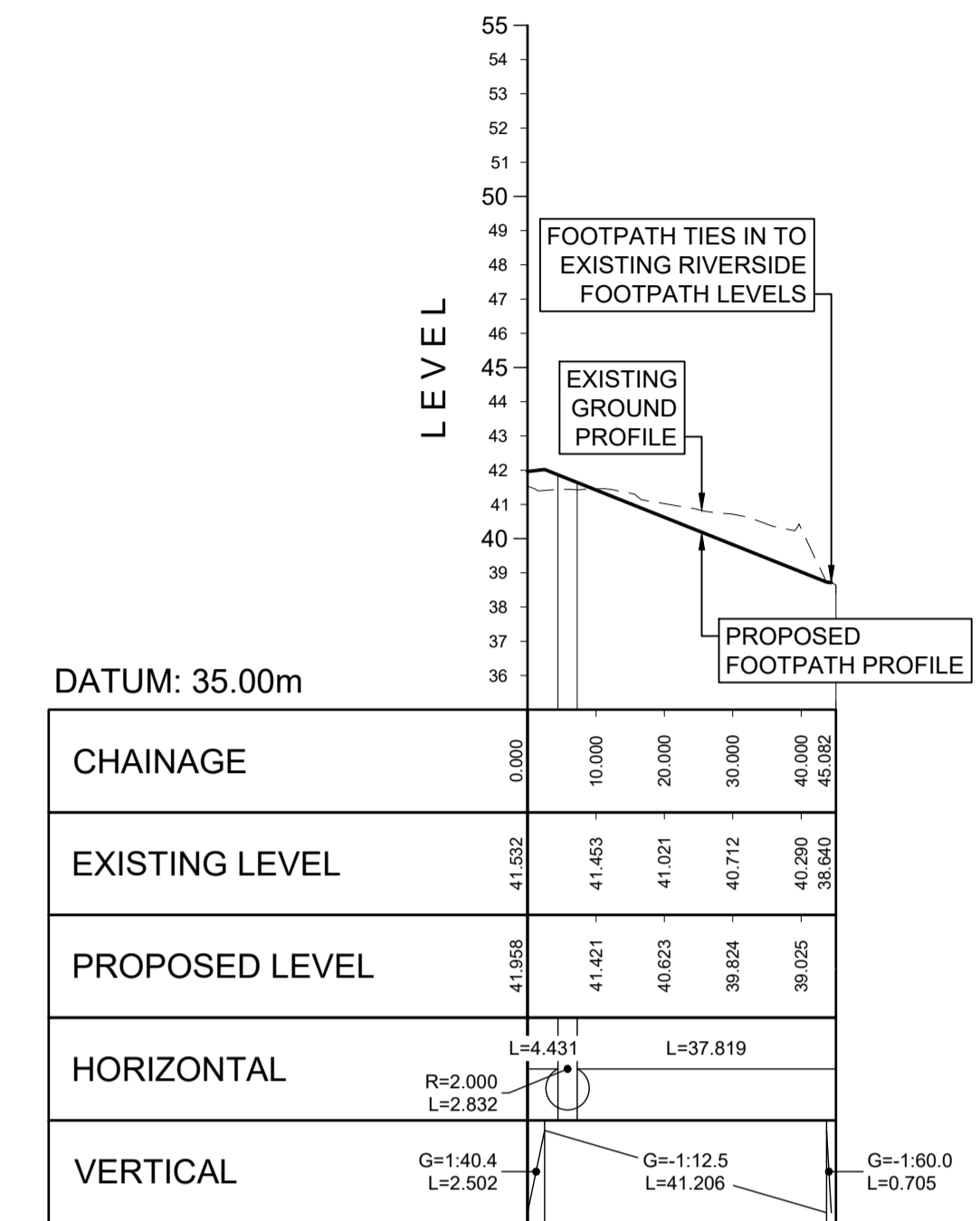
Client:

Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME				
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALL PARTS OF ALIGNMENT CH-HML-W_NMUX_01-M2-VFK SHEET 1 OF 3				
Scale	1:1000H 1:200V	Designed	Ijj	Drawn	Ijj
Original Size	A1	Date	07.12.21	Date	07.12.21
Checked	LC	Date	07.12.21	Approved	MF
Drawing Number	HE551511 - VFK - LSI - W_NMUX_01 - DR - CH - 4061	Originator	Ijj	Volume	48176
Project Ref. No.	48176				Revision
	Location	Type	Role	Number	REV 01

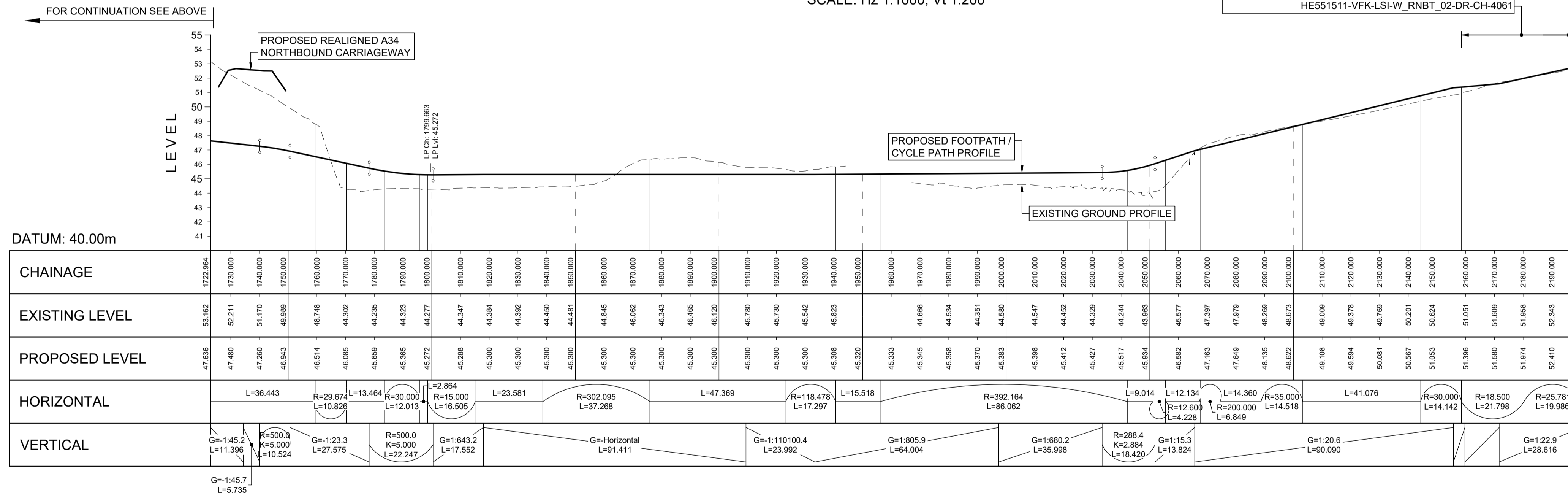
CH-HML-W_NMUX_01-M2-VFK-ALIGNMENTCC-0022
SCALE: H:z 1:1000, V:t 1:200



CH-HML-W_NMUX_01-M2-VFK-ALIGNMENTLE-0014
SCALE: H:z 1:1000, V:t 1:200



CH-HML-W_NMUX_01-M2-VFK-ALIGNMENTCC-0023
SCALE: H:z 1:1000, V:t 1:200



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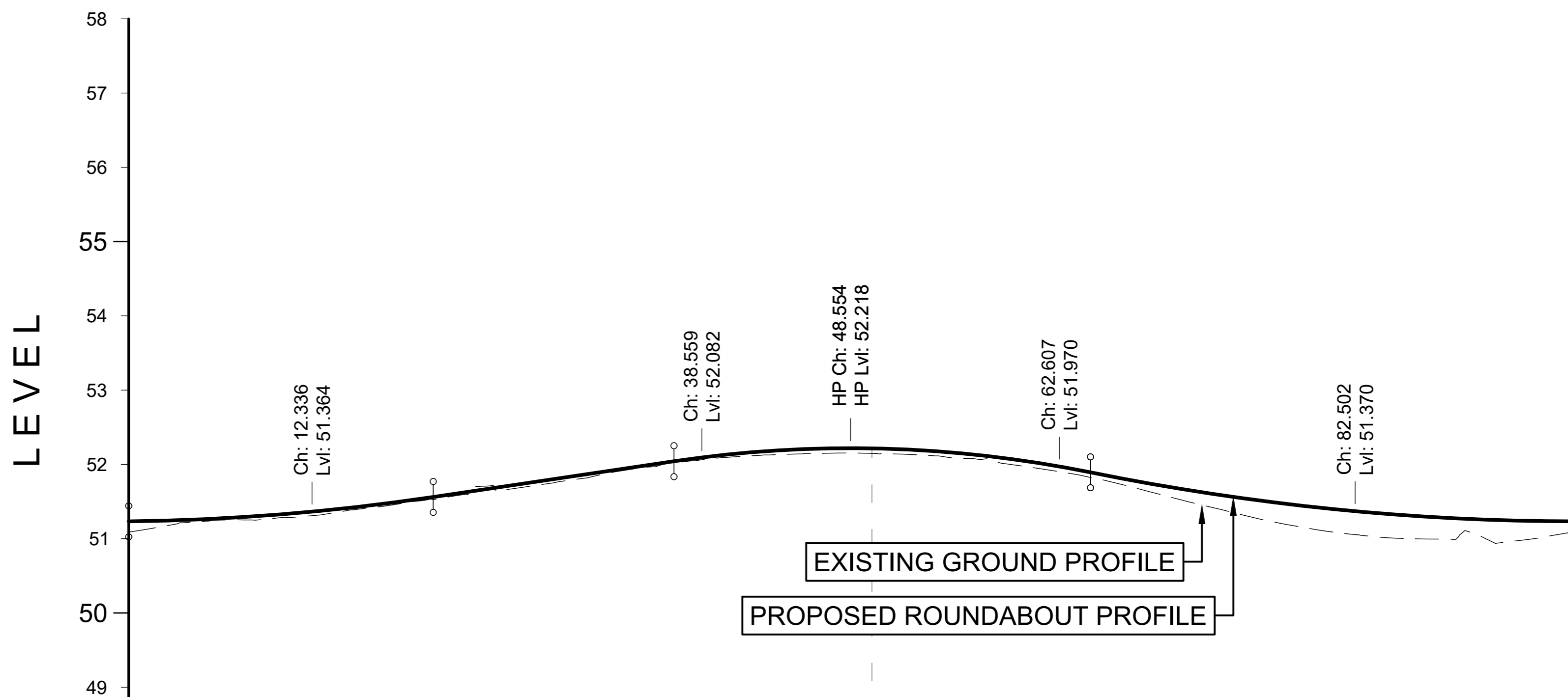
APFP Regulation Number	5(2)(o), 5(2)(p) and 6(2)					
Development Consent Order Number / Document	TR010055/2.6					
DESIGNER						
SUITABILITY	APPLICATION SUBMISSION					
Rev.	Date	Description	Drawn	Chk'd	App'd	
01	JUNE 2023	DEADLINE 2		EO	LC	MF
0	November 2022	APPLICATION SUBMISSION		lj	LC	MF

Application Status: **APPLICATION SUBMISSION**

Project Title	M3 JUNCTION 9 IMPROVEMENT SCHEME								
Drawing Title	ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALL PARTS OF ALIGNMENT CH-HML-W_NMUX_01-M2-VFK SHEET 2 OF 3								
Scale	1:1000H 1:200V	Designed	lj	Drawn	lj	Checked	LC	Approved	MF
Original Size	A1	Date	07.12.21	Date	07.12.21	Date	07.12.21	Date	07.12.21
Drawing Number	HE551511 - VFK - LSI - W_NMUX_01 - DR - CH - 4062	Originator	lj	Volume		Project Ref. No.	48176	Revision	REV 01

CH-HML-W_RNBT_02-M2-VFK-ALIGNMENTRBTCROWN-0001

SCALE: Hz 1:500, Vt 1:100



DATUM: 48.00m

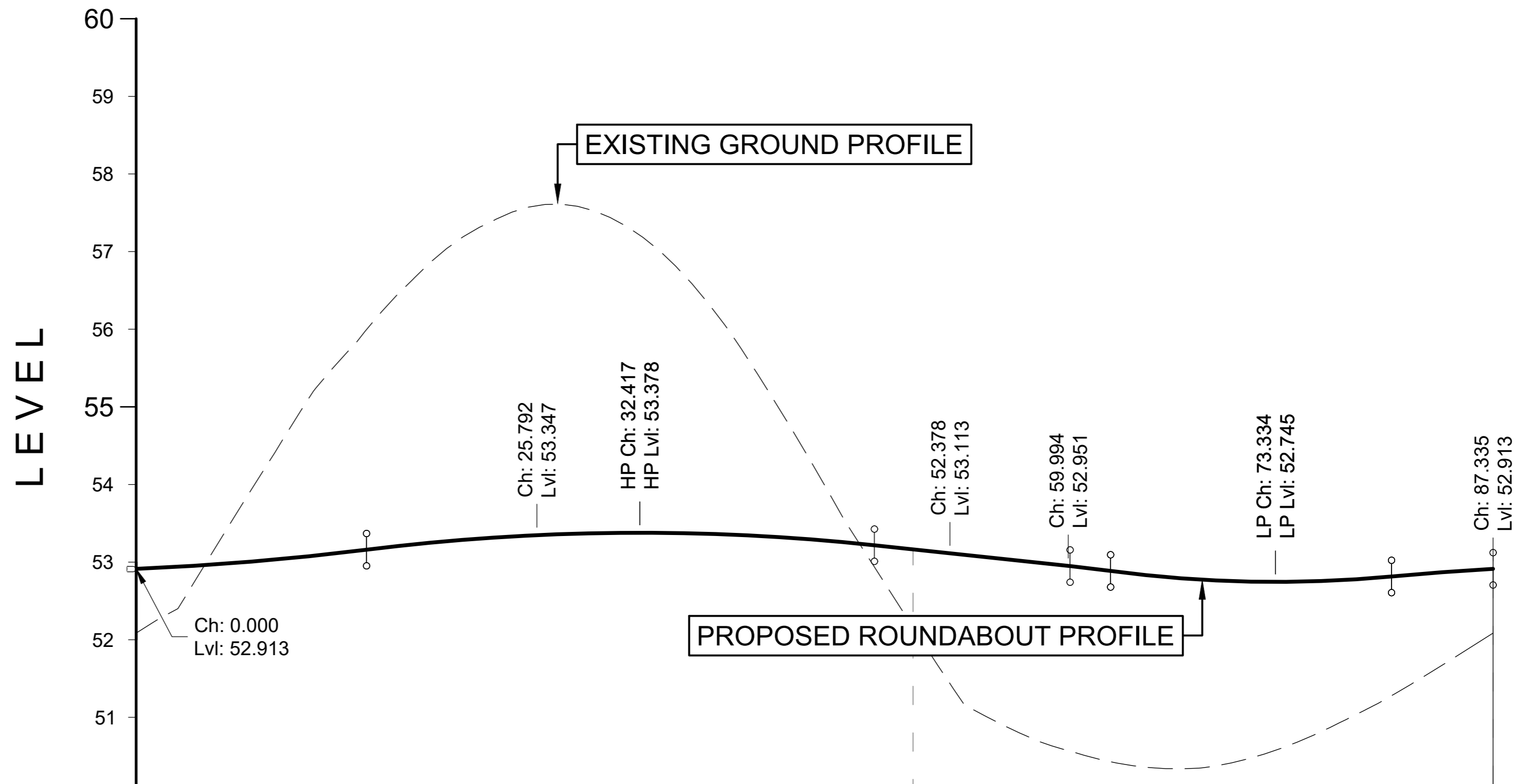
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EXISTING LEVEL	51.088	51.234	51.278	51.388	51.521	51.649	51.797	51.964	52.092	52.140	52.148	52.099	51.981	51.814	51.563	51.316	51.117	51.009	51.103	51.013	51.088	
PROPOSED LEVEL	51.233	51.261	51.323	51.419	51.547	51.695	51.844	51.992	52.127	52.203	52.216	52.167	52.055	51.881	51.696	51.542	51.420	51.328	51.267	51.236	51.233	
HORIZONTAL	L=97.388																					
VERTICAL	R=750.0 K=7.500 L=20.484				G=1.33.7 L=16.194				R=400.0 K=4.000 L=28.021				R=810.0 K=8.100 L=32.690									

NOTES:

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3. REFER TO DRAWING NUMBER HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4001 TO 4010 FOR LOCATIONS OF LONG SECTIONS.
4. REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
5. THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

APFP Regulation Number 5(2)(o), 5(2)(p) and 6(2)		Drawing Status APPLICATION SUBMISSION		Project Title M3 JUNCTION 9 IMPROVEMENT SCHEME				
Development Consent Order Number / Document TR010055/2.6				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALIGNMENT CH-HML-W_RNBT_02-M2-VFK-ALIGNMENTRBTCROWN-0001 NATIONAL HIGHWAYS DEPOT ROUNDABOUT				
DESIGNER 				Client 				
SUITABILITY APPLICATION SUBMISSION		Client		Scale 1:500H 1:100V	Designed ljj	Drawn ljj	Checked LC	Approved MF
				Original Size A3	Date 17.10.21	Date 17.10.21	Date 17.10.21	Date 17.10.21
01	JUNE 2023	DEADLINE 2	EO	LC	MF	Drawing Number HE551511 - VFK - LSI - W_RNBT_02 - DR - CH - 4061		Project Ref. No. 48176
0	November 2022	APPLICATION SUBMISSION	ljj	LC	MF	Volume W_RNBT_02 - DR - CH - 4061		Revision REV 01
Rev.	Date	Description	Drawn	Chk'd	App'd	Location Type Role Number		

CH-HML-W_RNBT_03-M2-VFK-ALIGNMENTRBTCROWN-0001
SCALE: Hz 1:500, Vt 1:100



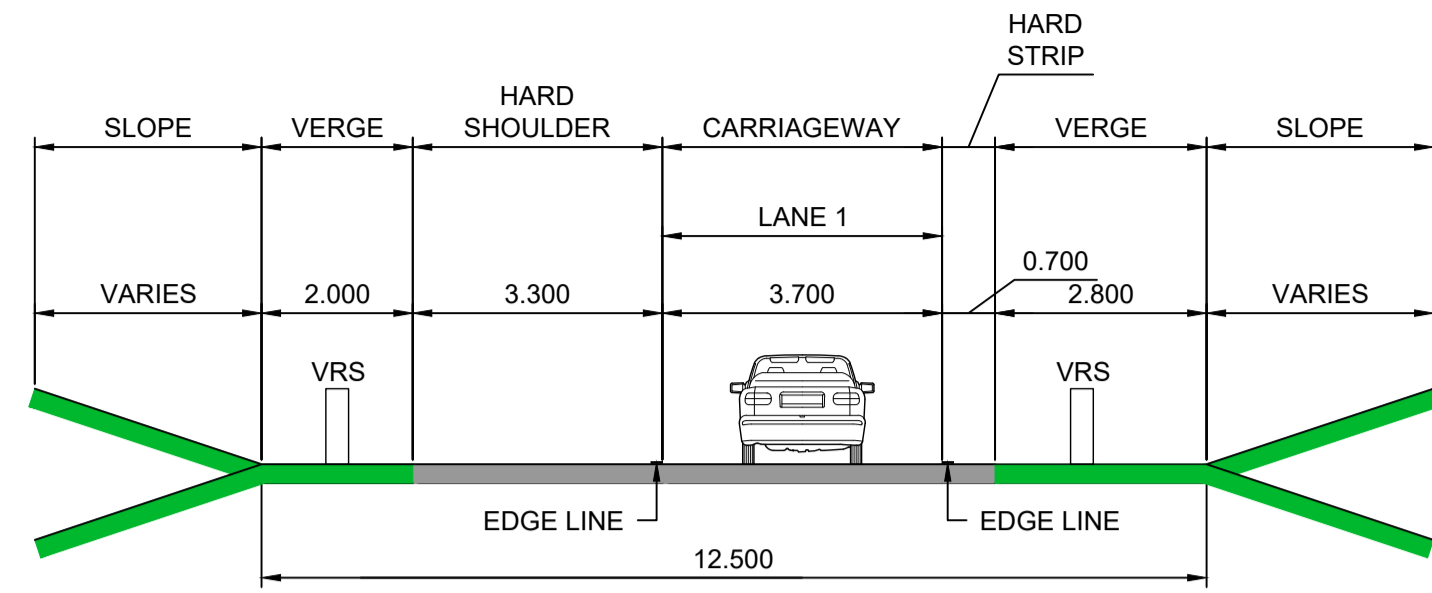
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EXISTING LEVEL	52.085	53.154	54.760	56.037	57.041	57.558	57.481	56.753	55.421	53.748	52.161	50.981	50.569	50.358	50.394	50.703	51.187	51.790	52.085		
PROPOSED LEVEL	52.913	52.969	53.052	53.164	53.269	53.339	53.374	53.373	53.337	53.266	53.164	53.057	52.951	52.832	52.759	52.749	52.801	52.863	52.913		
HORIZONTAL	L=87.335																				
VERTICAL	G=1:123.6 L=-0.267			R=900.0 K=9.000 L=15.093			R=707.6 K=7.076 L=32.686			G=-1:46.9 L=12.597			R=500.0 K=5.000 L=2.606			R=400.0 K=4.000 L=18.083			R=900.0 K=9.000 L=6.536		

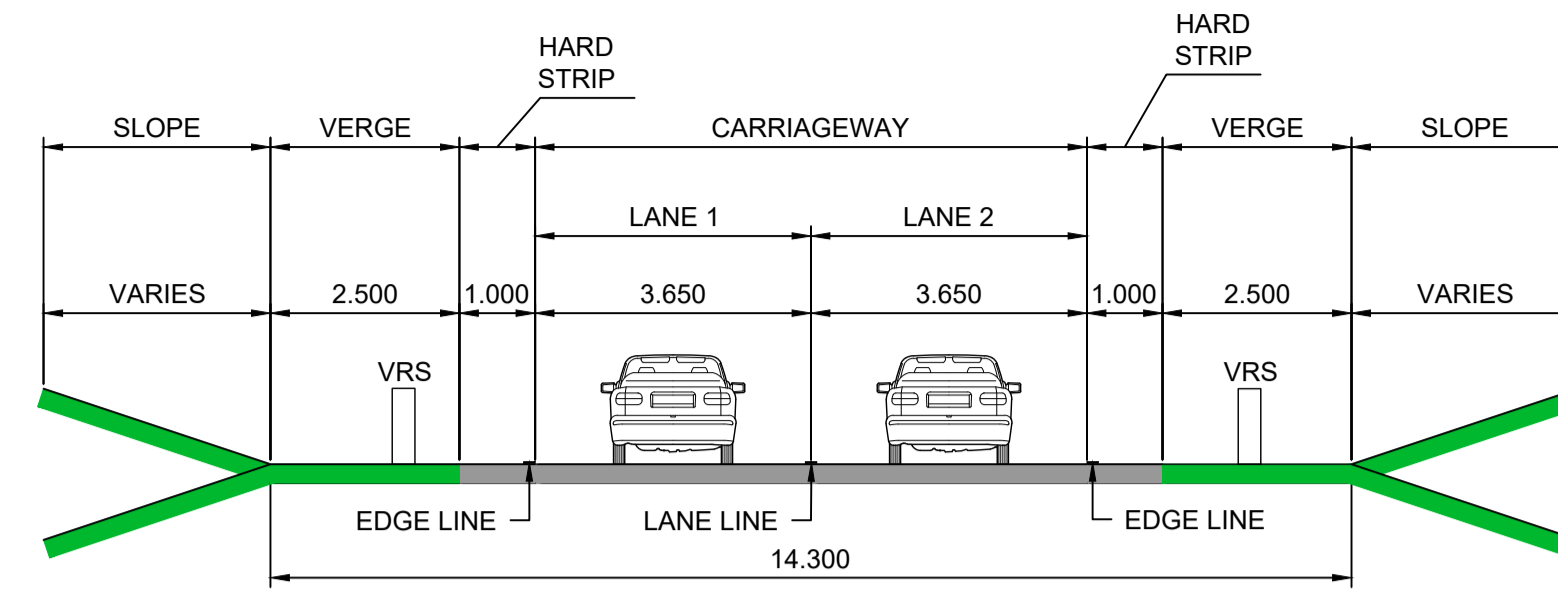
NOTES:

1. THIS DRAWING HAS BEEN PRODUCED USING CAD SOFTWARE, THEREFORE ALL DIMENSIONS ARE SHOWN IN METRES UNLESS SHOWN OTHERWISE.
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4. REFER TO DRAWING NUMBERS HE551511-VFK-LSI-X_XXXX_XX-DE-ZL-4001 AND 4002 FOR TYPICAL CROSS SECTIONS.
5. THE LONGITUDINAL SECTIONS SHOWN ARE PRELIMINARY AND SUBJECT TO DETAILED DESIGN.

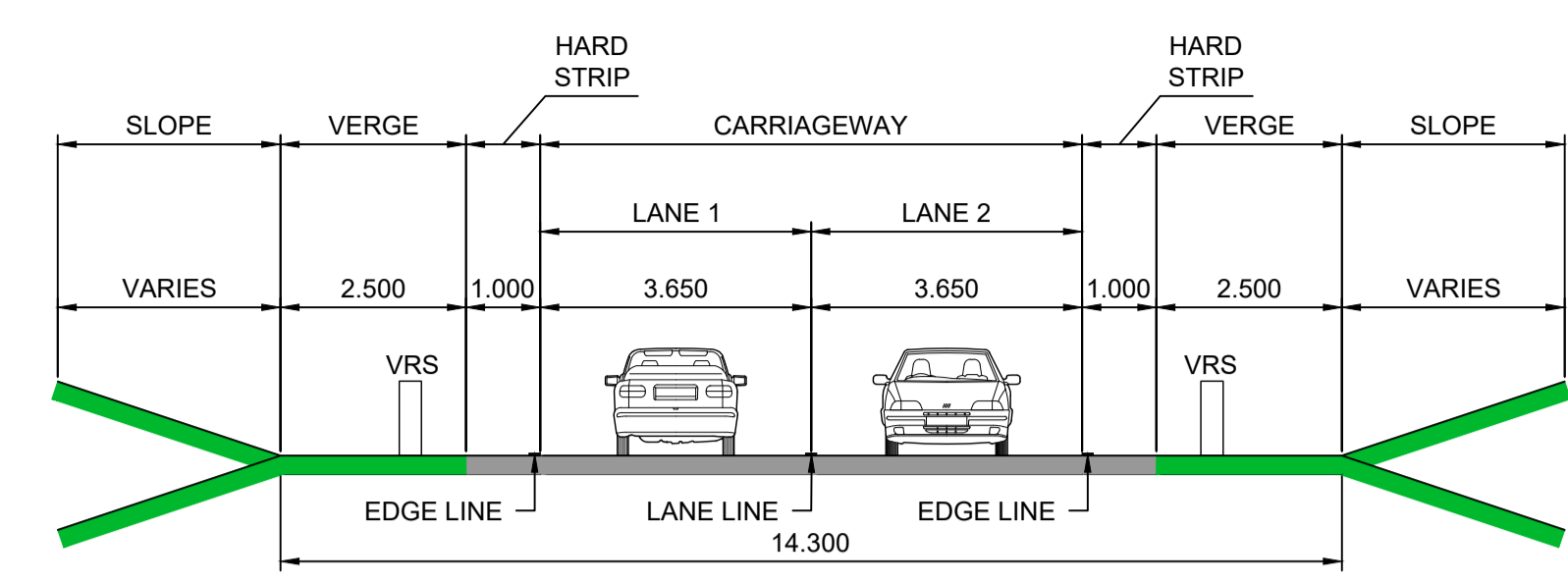
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Development Consent Order Number / Document TR010055/2.6				Drawing Title ENGINEERING PLANS AND SECTIONS LONG SECTIONS FOR ALIGNMENT CH-HML-W_RNBT_03-M2-VFK-ALIGNMENTRBTCROWN-0001 M3 NORTHBOUND ON-SLIP ROUNDABOUT				
DESIGNER 				Client 				
SUITABILITY APPLICATION SUBMISSION				Scale 1:500H 1:100V				
				Designed ljj	Drawn ljj	Checked LC	Approved MF	
				Date 30.09.21	Date 30.09.21	Date 30.09.21	Date 30.09.21	
				Original Size A3	Drawing Number HE551511 - VFK - LSI - W_RNBT_03 - DR - CH - 4061			Project Ref. No. 48176
				HE551511 - VFK - LSI - W_RNBT_03 - DR - CH - 4061			Revision REV 01	
Rev.	Date	Description	Drawn	Chk'd	App'd			



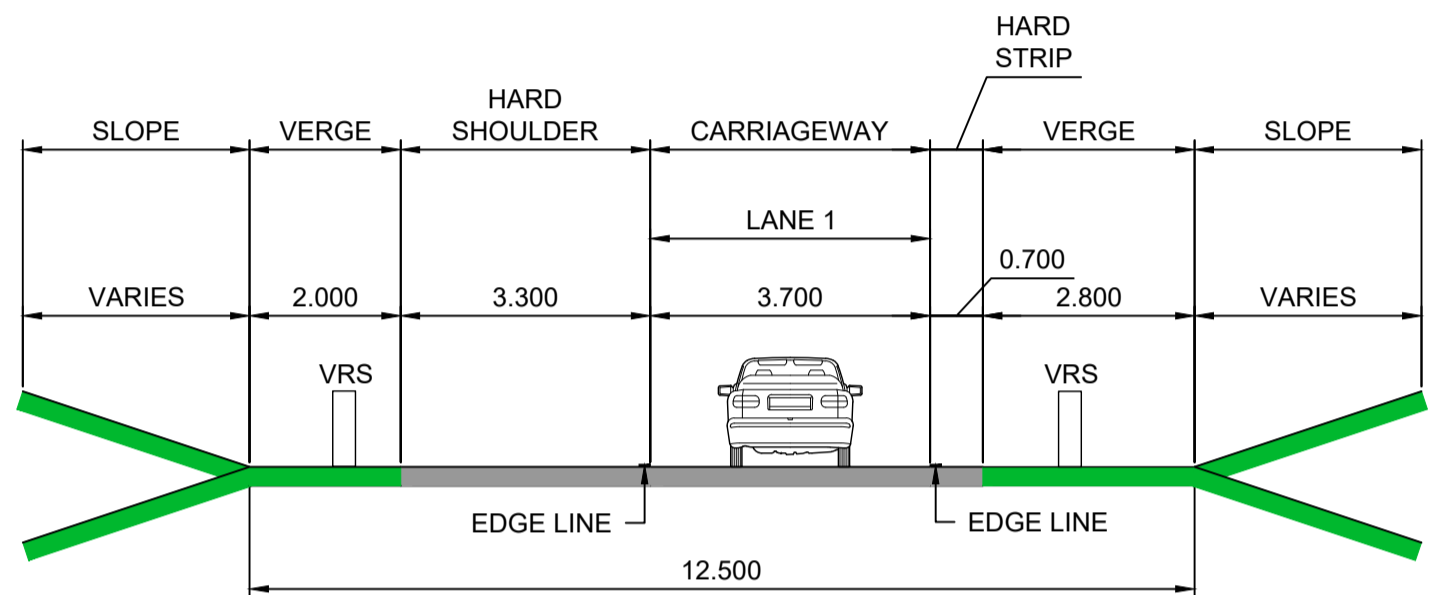
SINGLE LANE MERGE / DIVERGE SLIP (RURAL ALL-PURPOSE)
TYPICAL SECTION
MG1C / DG1C



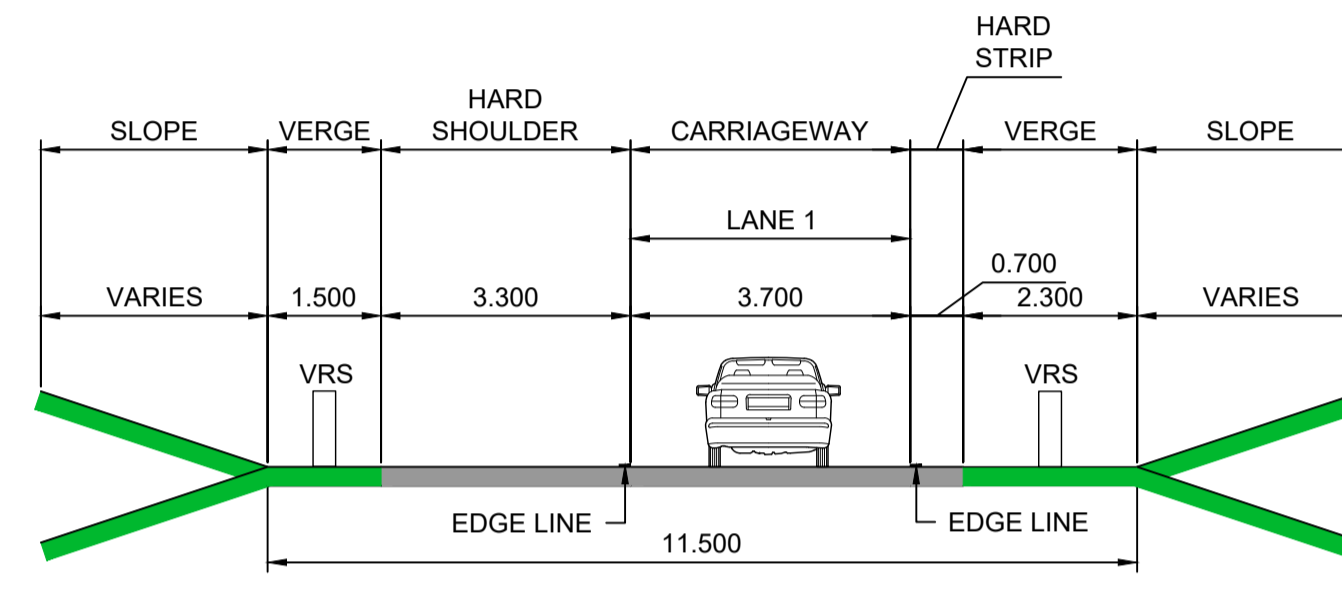
DOUBLE LANE MERGE / DIVERGE SLIP (RURAL ALL-PURPOSE)
TYPICAL SECTION
MG2E / DG2E



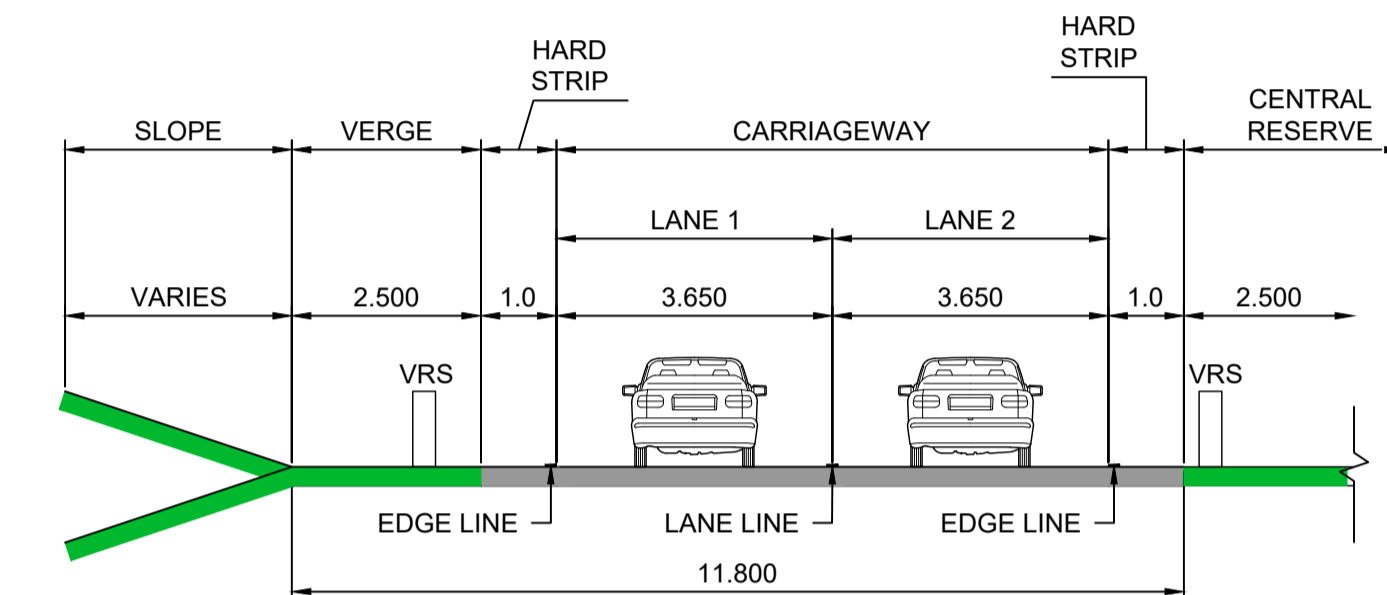
SINGLE CARRIAGEWAY (RURAL)
TYPICAL SECTION
S2



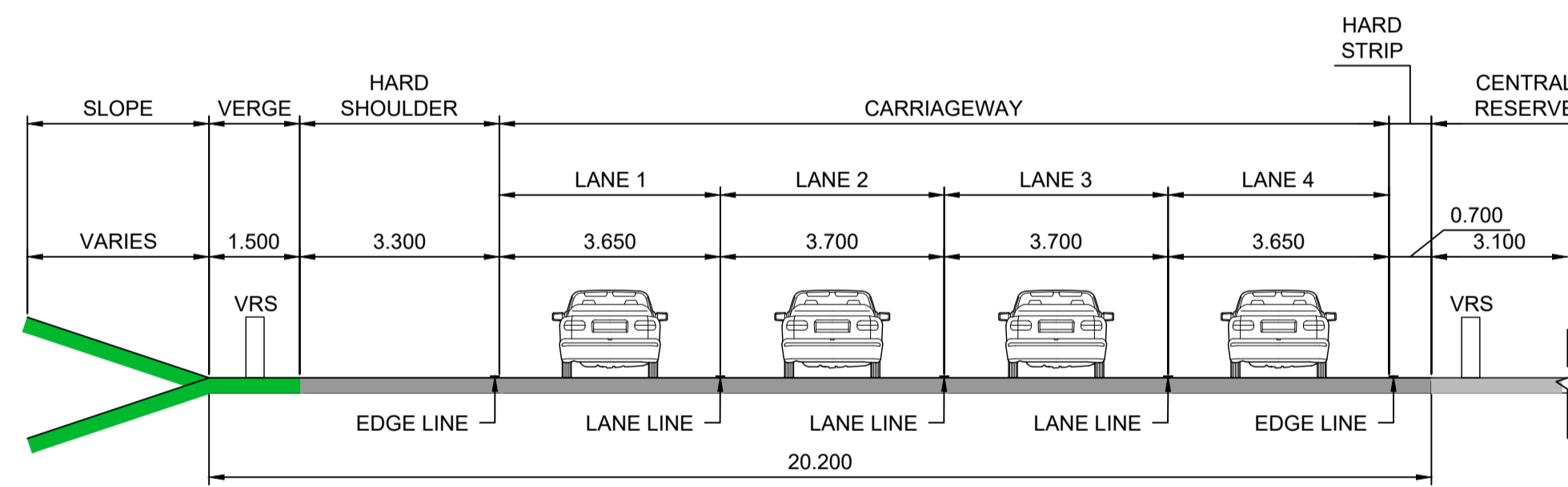
SINGLE LANE INTERCHANGE LINK (RURAL ALL-PURPOSE)
TYPICAL SECTION
IL1C



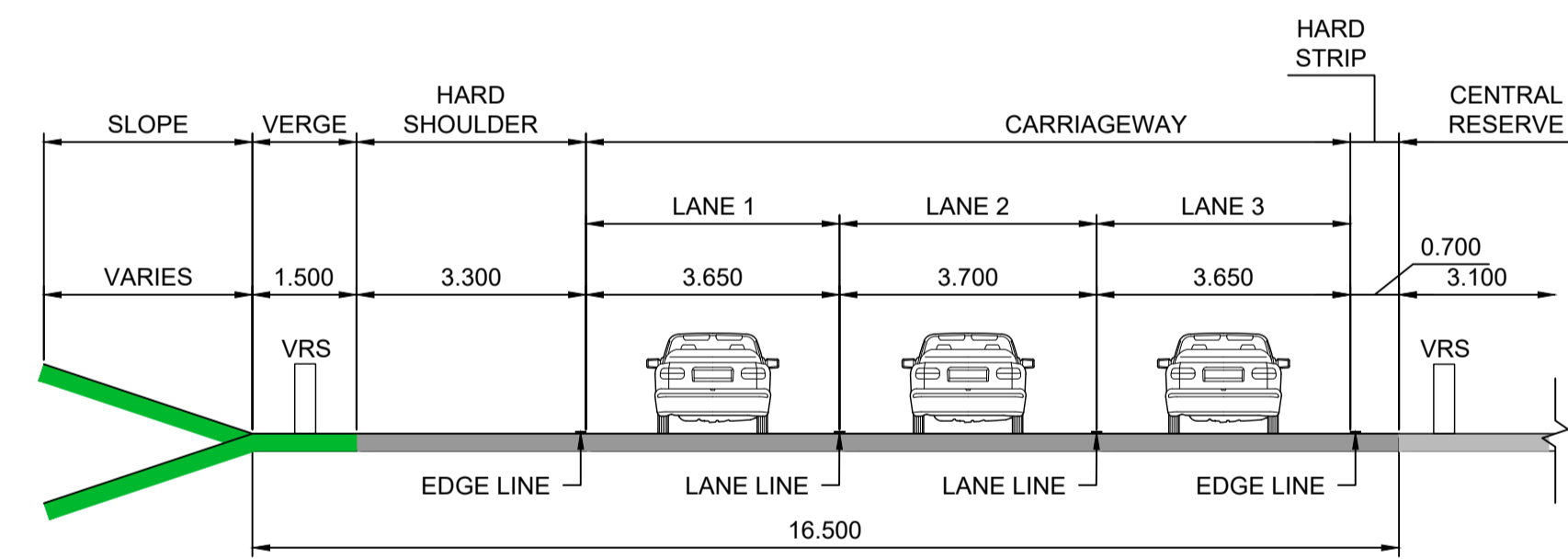
SINGLE LANE MERGE / DIVERGE SLIP (RURAL MOTORWAY)
TYPICAL SECTION
MG1A / DG1A



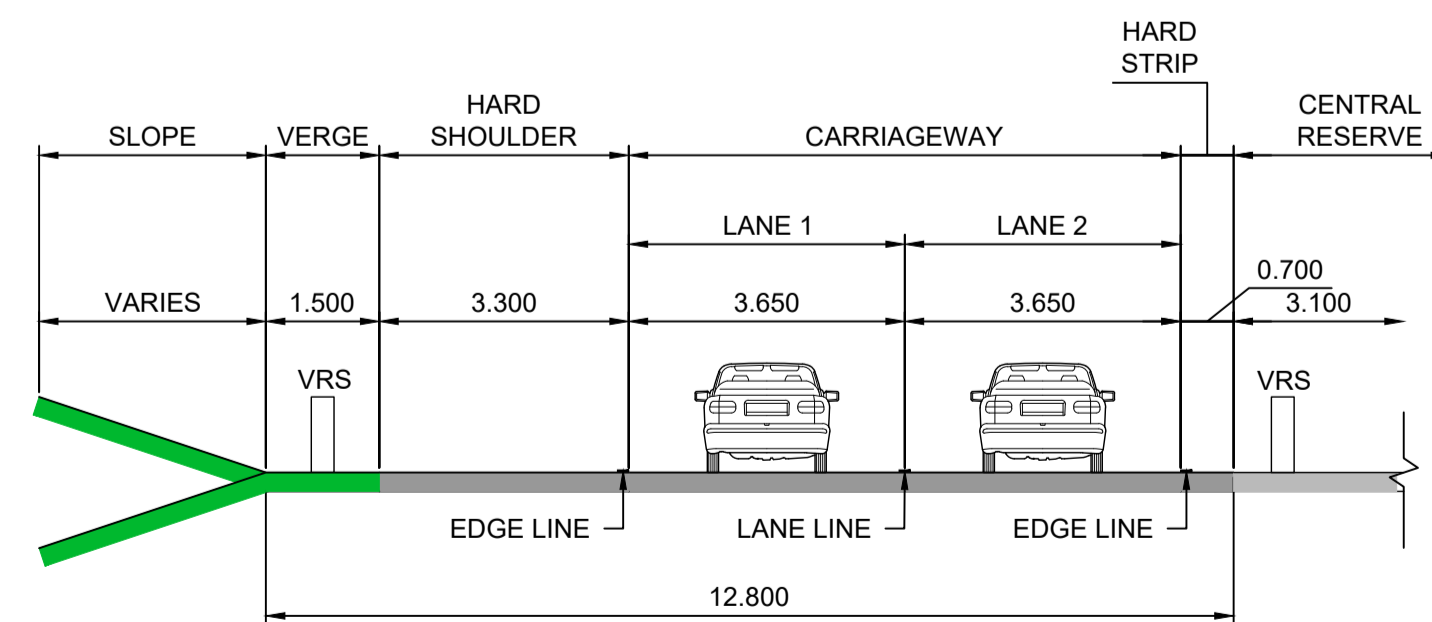
DUAL CARRIAGEWAY TWO LANE RURAL ALL-PURPOSE
TYPICAL SECTION
D2AP



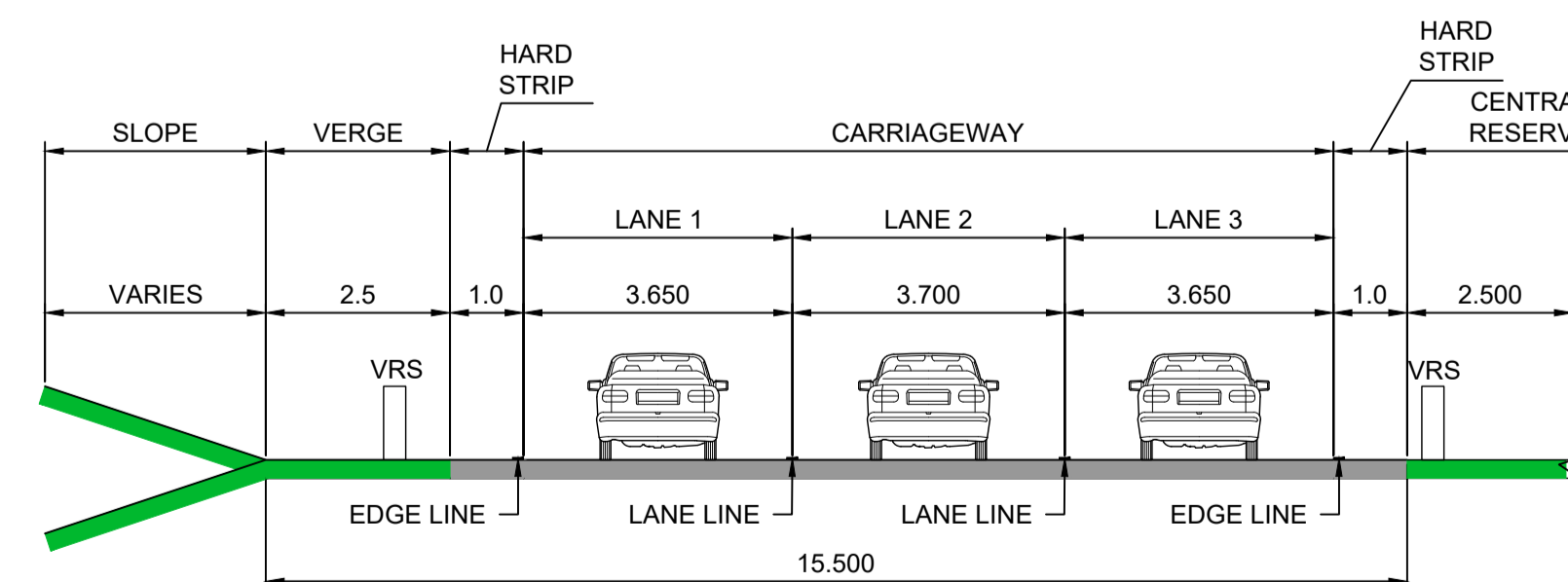
FOUR LANE MOTORWAY (RURAL)
TYPICAL SECTION
D4M



THREE LANE MOTORWAY (RURAL)
TYPICAL SECTION
D3M



TWO LANE MOTORWAY (RURAL)
TYPICAL SECTION
D2M



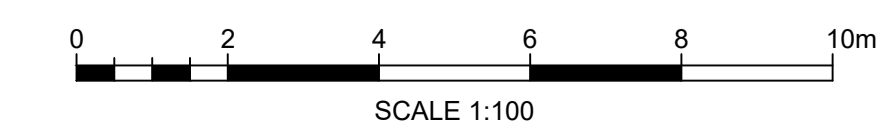
DUAL CARRIAGEWAY THREE LANE ALL-PURPOSE
TYPICAL SECTION
D3AP

NOTES
Purpose of use
APPLICATION SUBMISSION
Development Consent Order Number / Document
TR010055/2.6

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- CROSS SECTIONS SHOWN DERIVED FROM DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB) CD112 'CROSS-SECTIONS AND HEADROOMS'.
- THE REQUIREMENT FOR VEHICLE RESTRAINT SYSTEMS (VRS) SHALL BE DETERMINED DURING DETAILED DESIGN AND A ROAD RESTRAINT RISK ASSESSMENT PROCESS (RRRAP) WILL BE UNDERTAKEN. POSITIONING OF VRS (SET BACK, ETC.) SHALL BE COMPLY WITH DMRB CD 377 REQUIREMENTS FOR ROAD RESTRAINT SYSTEMS.
- SOFT LANDSCAPE VERGE AND SLOPES ARE TYPICAL BUT WILL VARY AS REQUIRED TO SUIT THE DESIGN REQUIREMENTS.
- REFER TO STRUCTURES DRAWINGS (SERIES 8000) FOR TYPICAL CROSS SECTIONS FOR BRIDGES AND UNDERPASSES.

KEY TO SYMBOLS

- PROPOSED CARRIAGEWAY CONSTRUCTION
- PROPOSED VERGE AND EARTHWORKS CONSTRUCTION
- VRS VEHICLE RESTRAINT SYSTEM



REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MP

DESIGNER: **Stantec**

CONTRACTOR: **VolkerFitzpatrick**

CLIENT: **national highways**

PROJECT TITLE: M3 JUNCTION 9 IMPROVEMENT SCHEME

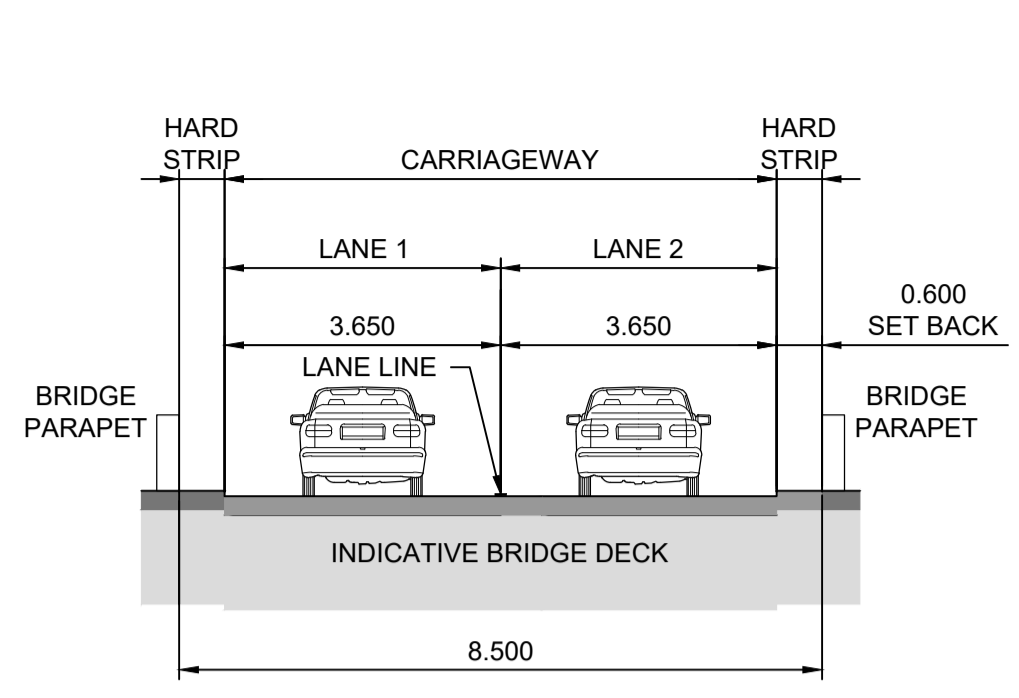
PROJECT STAGE: PCF STAGE 3

DRAWING TITLE: TYPICAL CARRIAGEWAY SECTIONS APFP REGULATION 5(2)(a), 5(2)(p) and 6(2) SHEET 1 OF 2 DOCUMENT REFERENCE: 2.6

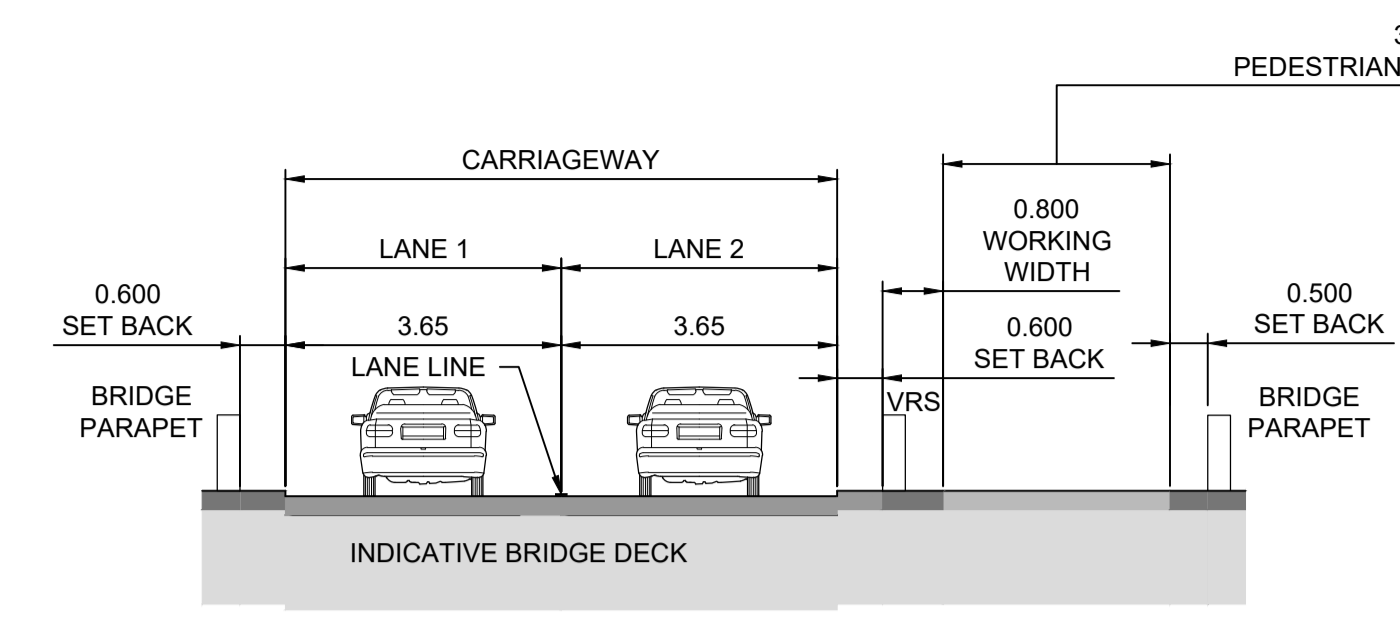
SUITABILITY: APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:100 STATUS: REV 0

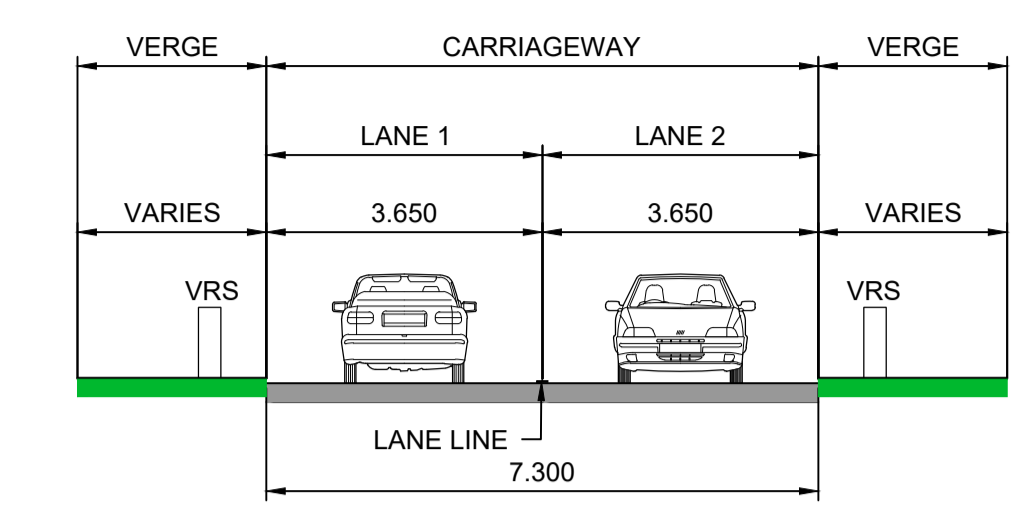
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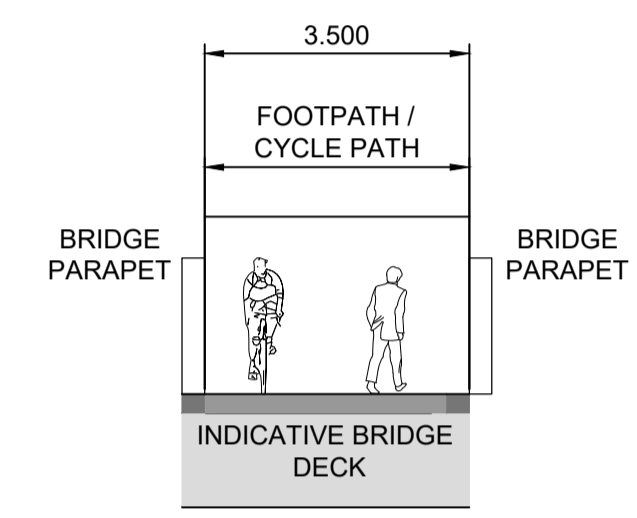
**TWO LANE CIRCULATORY
TYPICAL SECTION
CIR(N) (LOOKING EAST)**



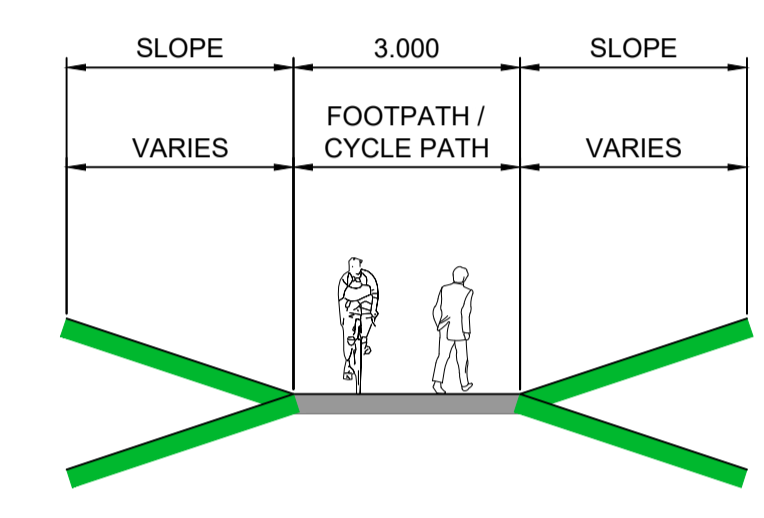
**TWO LANE CIRCULATORY
TYPICAL SECTION
CIR(S) (LOOKING WEST)**



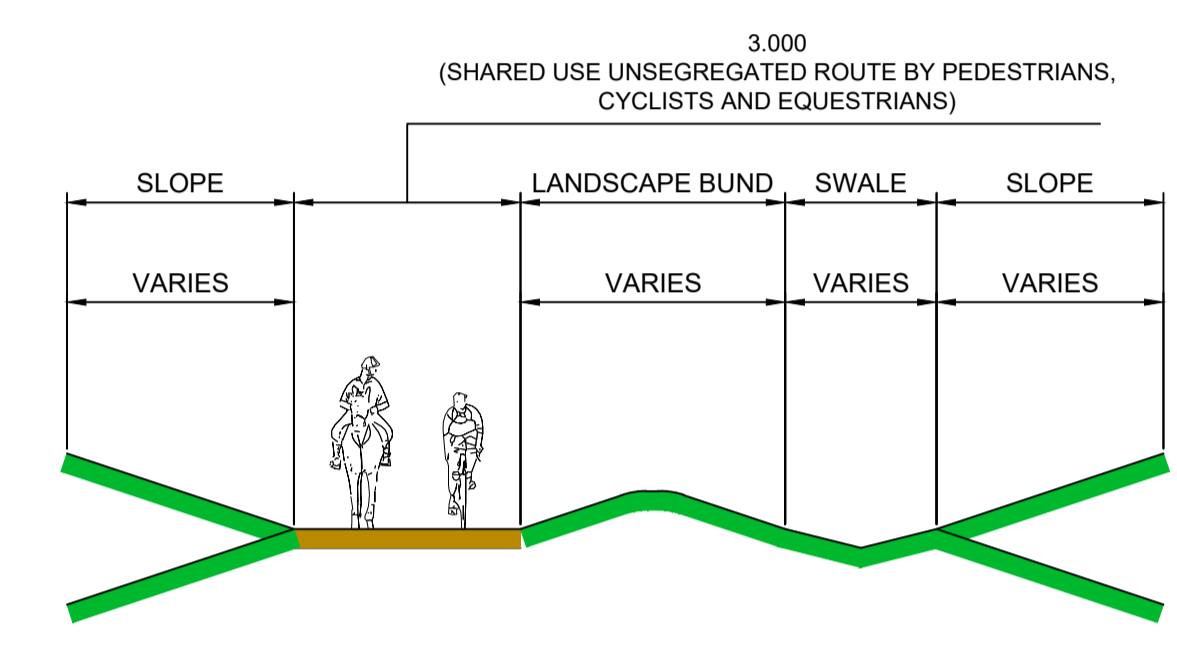
**SINGLE URBAN CARRIAGEWAY
TYPICAL SECTION
SU2**



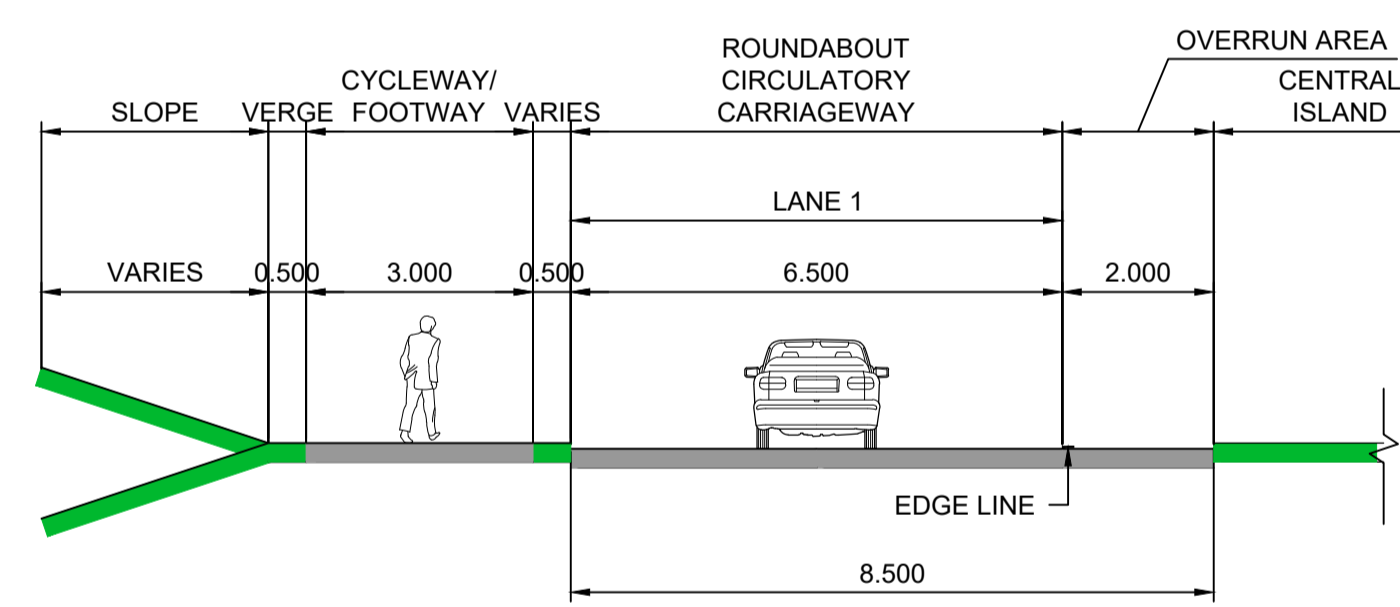
**FOOTPATH / CYCLE PATH
TYPICAL PEDESTRIAN BRIDGE SECTION
FCWB**



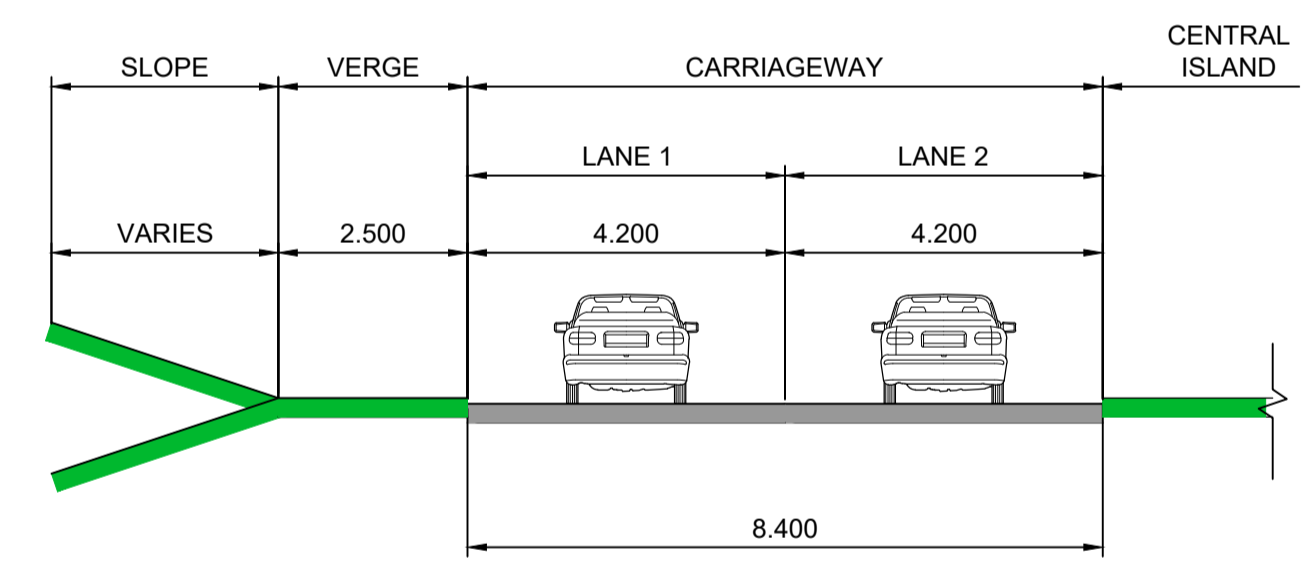
**FOOTPATH / CYCLE PATH
TYPICAL SECTION
FCW**



**FOOTWAY, CYCLEWAY & HORSE-RIDING ROUTE
TYPICAL SECTION
PROW-BW-LW**



**COMPACT ROUNDABOUT WITH OVERRUN
TYPICAL SECTION
RNBT2**



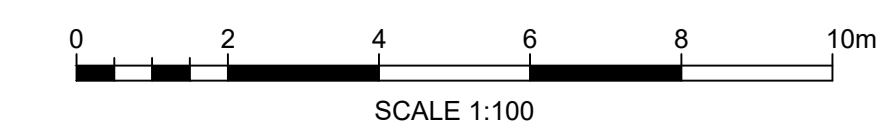
**COMPACT ROUNDABOUT
TYPICAL SECTION
RNBT3**

NOTES
Purpose of use
APPLICATION SUBMISSION
Development Consent Order Number / Document
TR010055/2.6

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- SOFT LANDSCAPE VERGE AND SLOPES ARE TYPICAL BUT WILL VARY AS REQUIRED TO SUIT THE DESIGN REQUIREMENTS.
- REFER TO STRUCTURES DRAWINGS (SERIES 8000) FOR TYPICAL CROSS SECTIONS FOR BRIDGES AND UNDERPASSES.

KEY TO SYMBOLS

- PROPOSED CARRIAGEWAY CONSTRUCTION
- PROPOSED VERGE AND EARTHWORKS CONSTRUCTION
- VRS VEHICLE RESTRAINT SYSTEM



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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

DESIGNER
Stantec

CONTRACTOR
VolkerFitzpatrick

CLIENT
national highways

PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

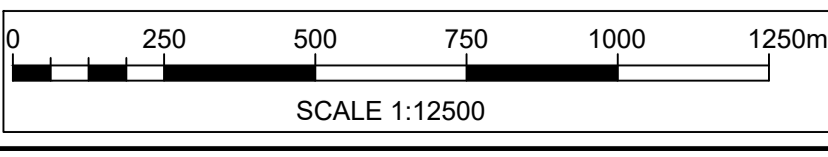
PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
TYPICAL CARRIAGEWAY SECTIONS
APFP REGULATION 5(2)(a), 5(2)(p) and 6(2)
SHEET 2 OF 2
DOCUMENT REFERENCE: 2.6

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:100 STATUS: REV 0

DRAWING NUMBER
HES51511-VFK-LSI-X_XXXX_XX-DE-ZL-4002



NOTES
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KEY TO SYMBOLS
 — DEVELOPMENT CONSENT ORDER BOUNDARY

REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
 M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
 PCF STAGE 3

DRAWING TITLE
 ENGINEERING PLANS AND SECTIONS
 APFP REGULATION 5(2)(a), 5(2)(p) and 6(2)
 KEY PLAN
 DOCUMENT REFERENCE: 2.6

SUITABILITY
 APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:12,500 STATUS: REV 0
 DRAWING NUMBER
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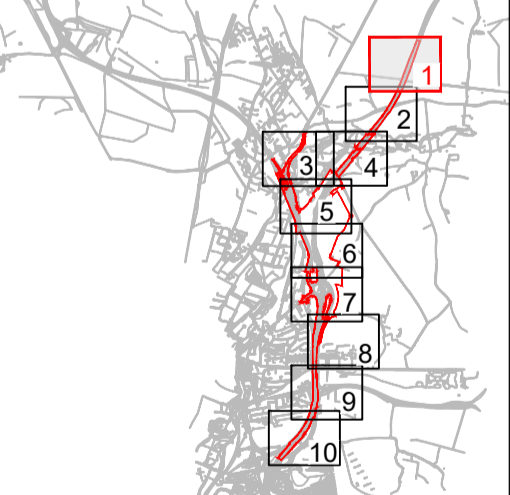
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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP



DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

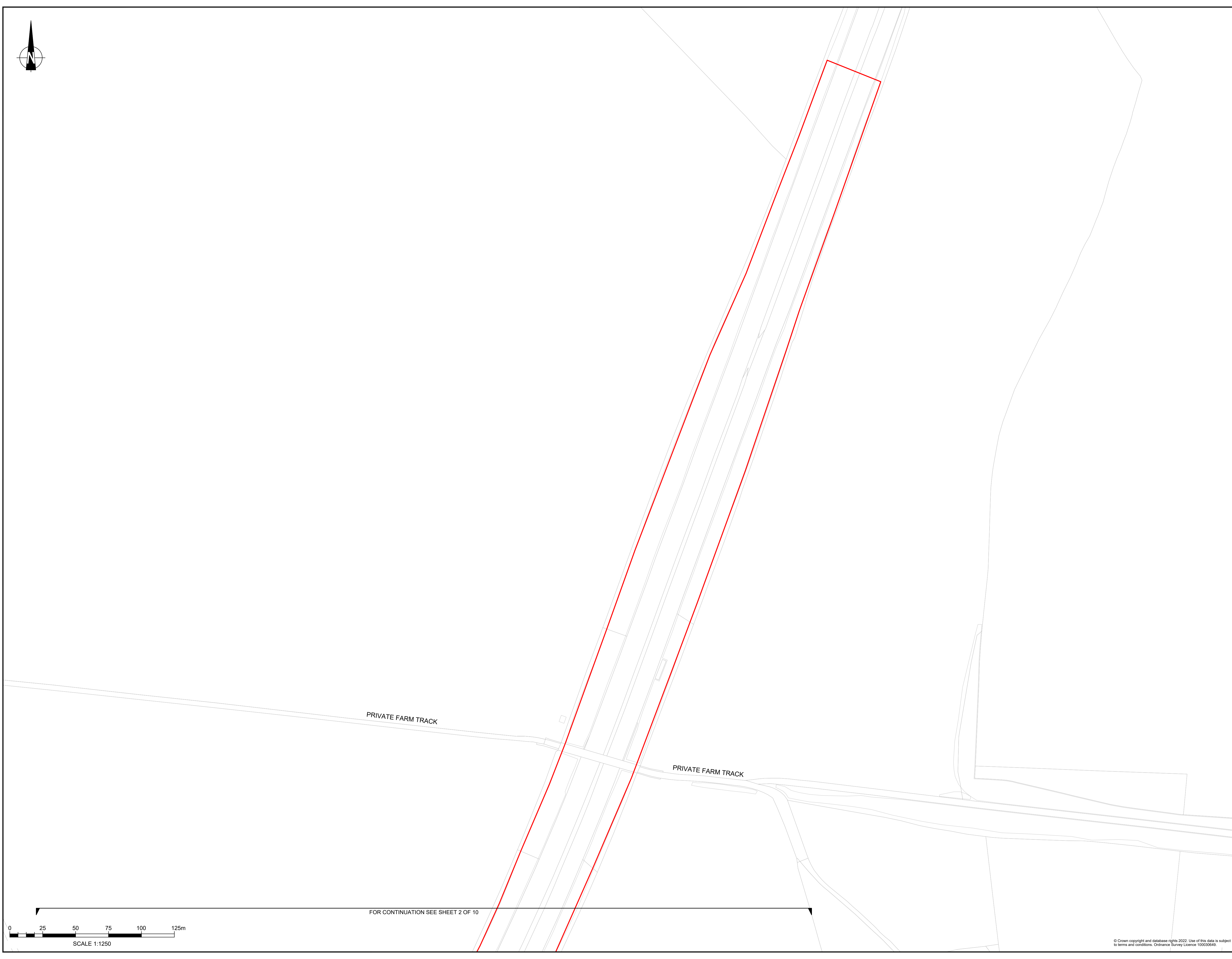
PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
APFP REGULATION 5(2)(a), 5(2)(p) and 6(2)
SHEET 1 OF 10
DOCUMENT REFERENCE: 2.6

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1250 STATUS: REV 0

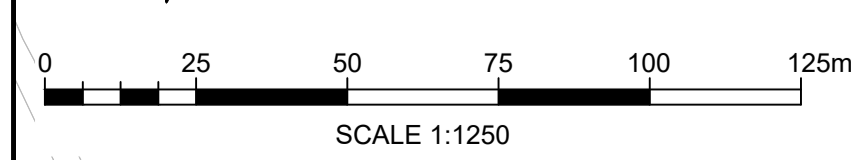
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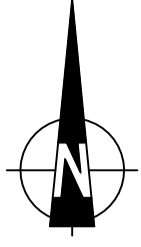
PRIVATE FARM TRACK

PRIVATE FARM TRACK

FOR CONTINUATION SEE SHEET 2 OF 10



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FOR CONTINUATION SEE SHEET 1 OF 10

ABBOTS
WORTHY

B3047

M3

B3047

B3047

RIVER ITCHEN

RIVER ITCHEN

FOR CONTINUATION SEE SHEET 4 OF 10



SCALE 1:1250

NOTES

Purpose of use

APPLICATION SUBMISSION

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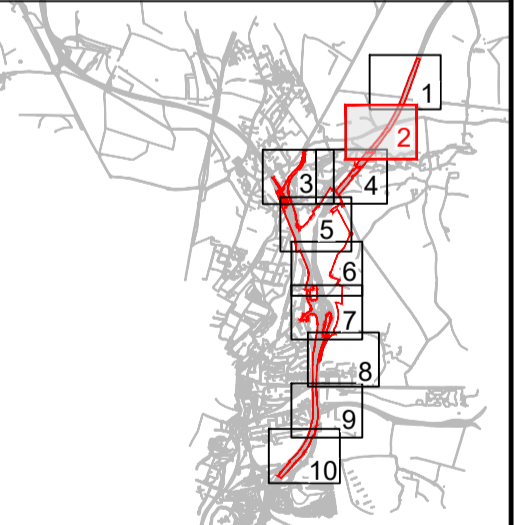
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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
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REFERENCE MAP



DESIGNER



CONTRACTOR



CLIENT



PROJECT TITLE

M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE

PCF STAGE 3

DRAWING TITLE

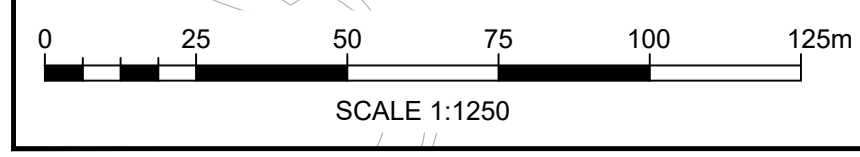
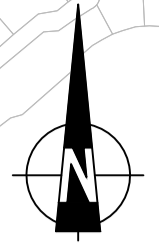
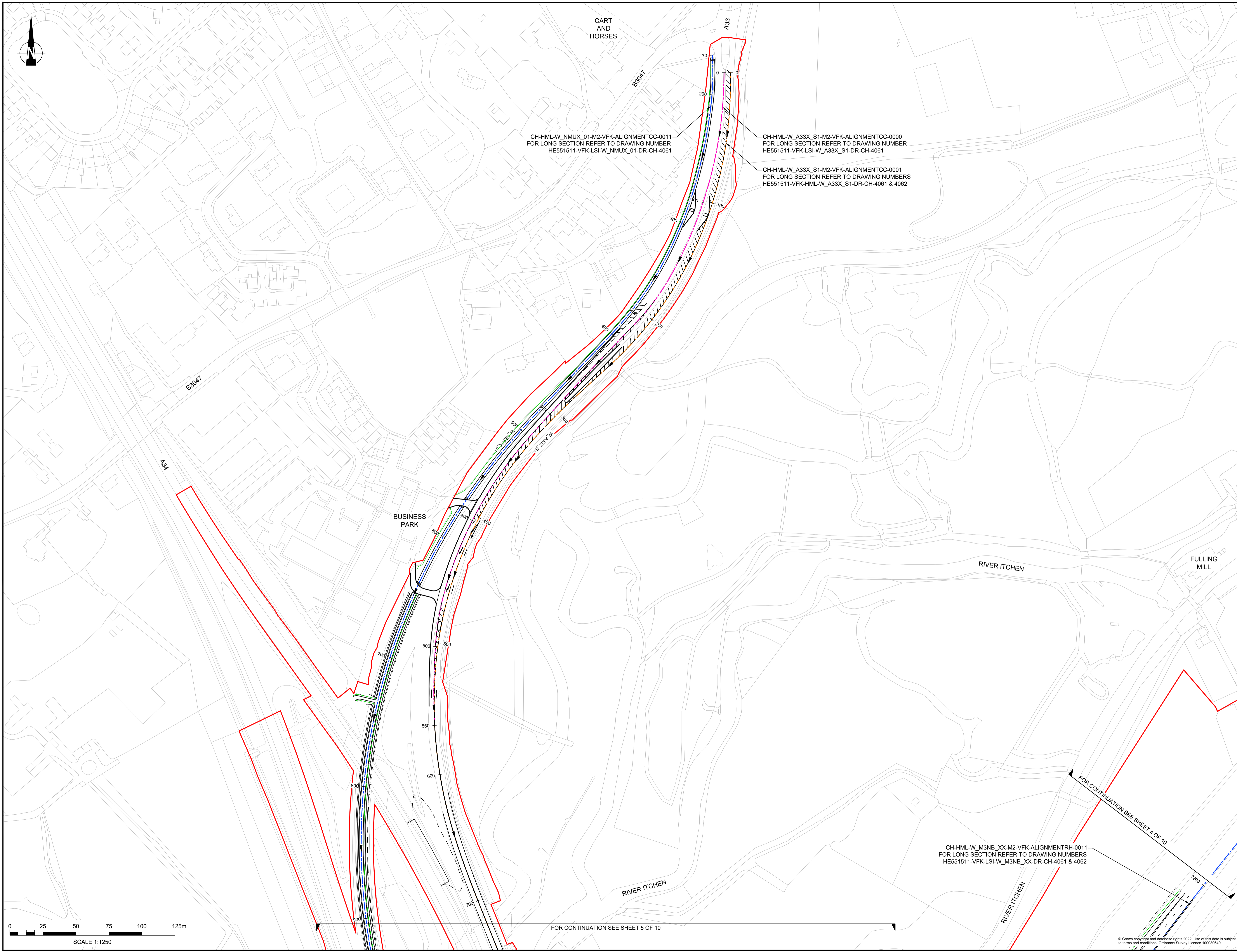
ENGINEERING PLANS AND SECTIONS
APPF REGULATION 5(2)(a), 5(2)(p) and 6(2)
SHEET 2 OF 10
DOCUMENT REFERENCE: 2.6

SUITABILITY

APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1,250 STATUS: REV 0

DRAWING NUMBER
HES51511-VFK-LSI-X_XXXX_XX-DR-ZL-4002



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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP

DESIGNER
Stantec

CONTRACTOR
VolkerFitzpatrick

CLIENT
national highways

PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
PCF STAGE 3

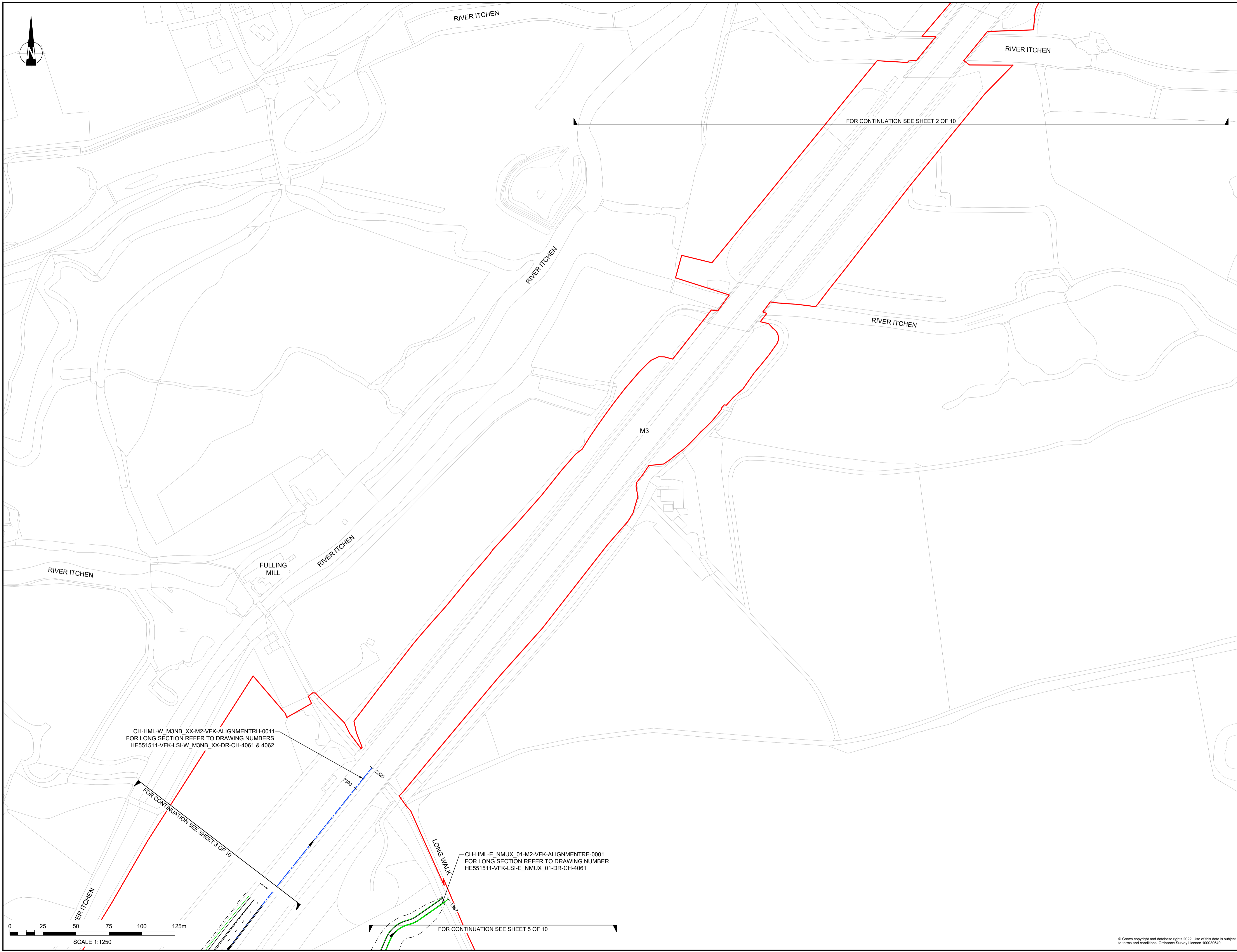
DRAWING TITLE
**ENGINEERING PLANS AND SECTIONS
 APFP REGULATION s(2)(a), s(2)(p) and 6(2)
 SHEET 3 OF 10
 DOCUMENT REFERENCE: 2.6**

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1,250 STATUS: REV 0

DRAWING NUMBER
HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4003

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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP

DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
 M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
 PCF STAGE 3

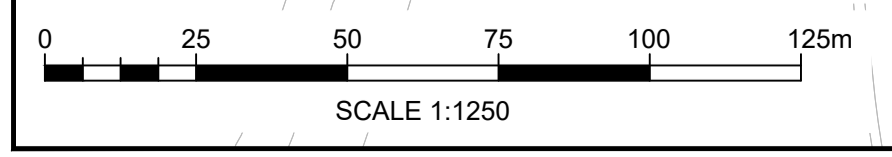
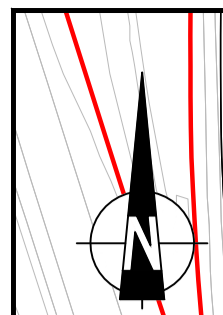
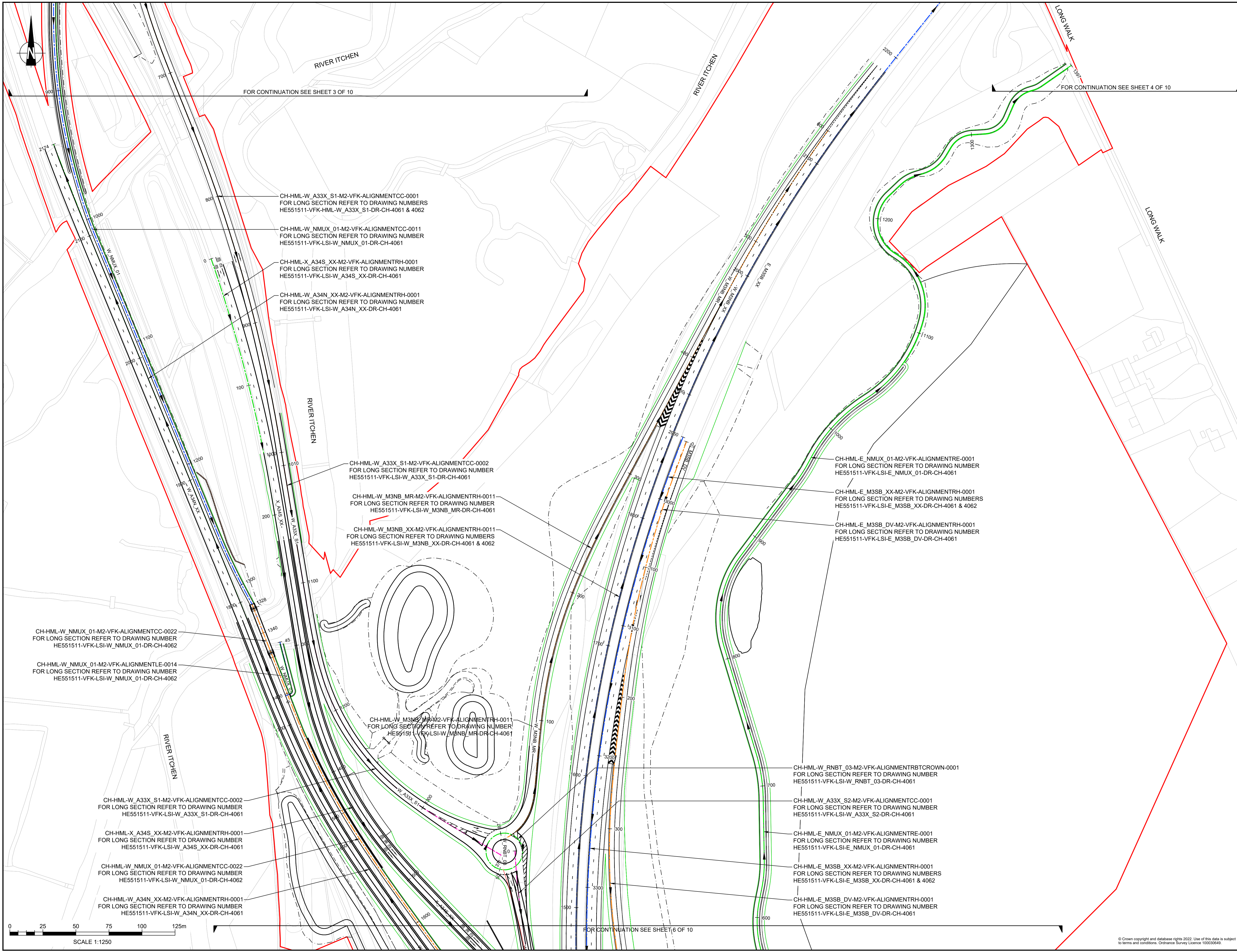
DRAWING TITLE
 ENGINEERING PLANS AND SECTIONS
 APFP REGULATION 5(2)(a), 5(2)(p) and 6(2)
 SHEET 4 OF 10
 DOCUMENT REFERENCE: 2.6

SUITABILITY
 APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1250 STATUS: REV 0

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FOR CONTINUATION SEE SHEET 4 OF 10

FOR CONTINUATION SEE SHEET 6 OF 10

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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP

DESIGNER
Stantec

CONTRACTOR
VolkerFitzpatrick

CLIENT
national highways

PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
PCF STAGE 3

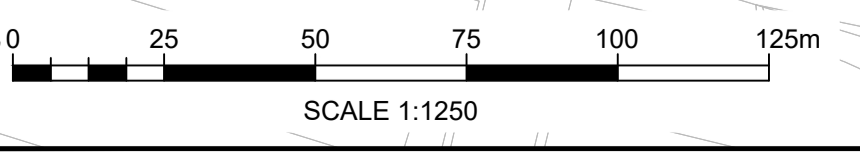
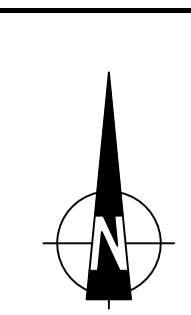
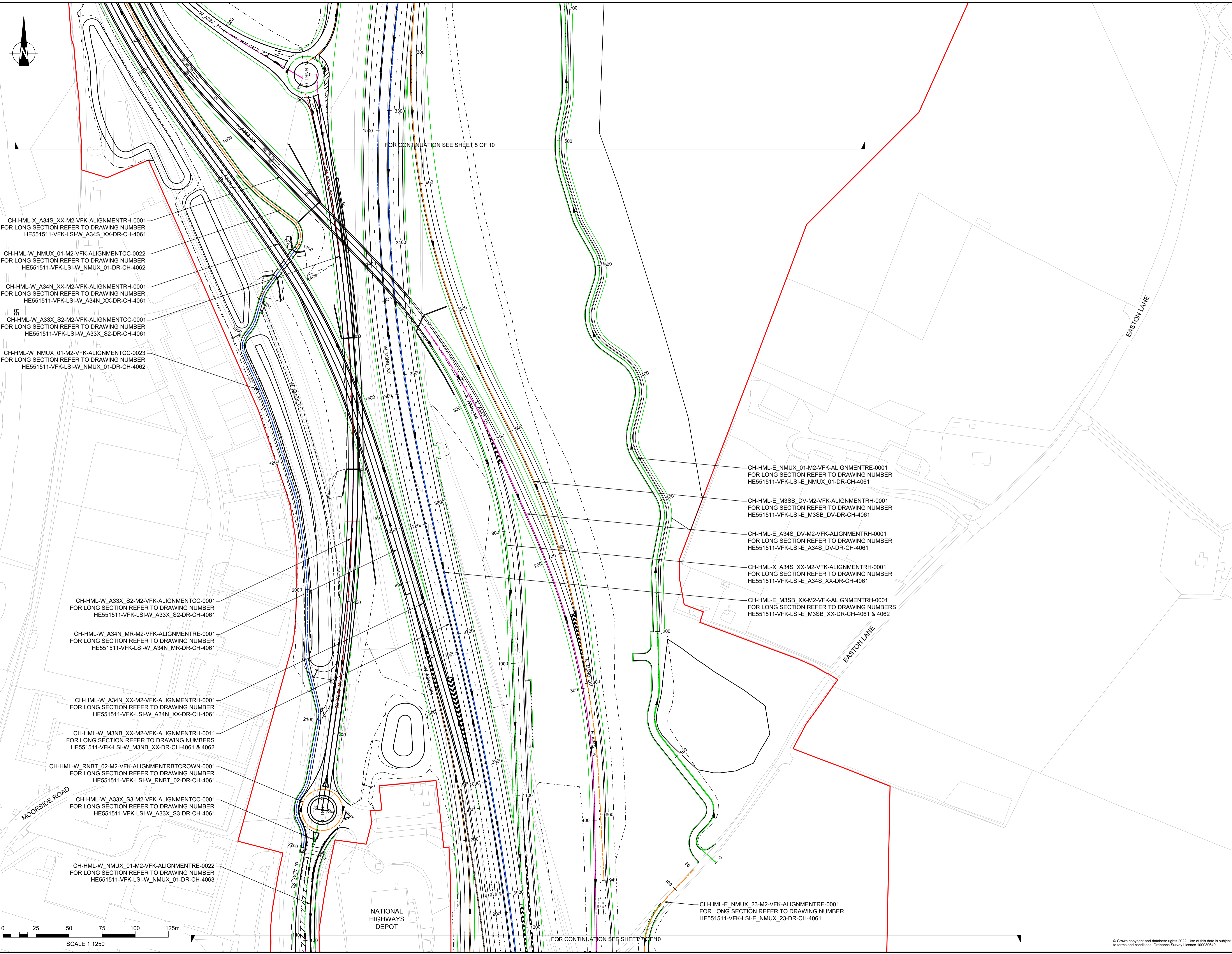
DRAWING TITLE
**ENGINEERING PLANS AND SECTIONS
 APFP REGULATION s(2)(a), s(2)(p) and 6(2)
 SHEET 5 OF 10
 DOCUMENT REFERENCE: 2.6**

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 | SCALE: 1:1250 | STATUS: REV 0

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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
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REFERENCE MAP

DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
 M3 JUNCTION 9 IMPROVEMENT SCHEME

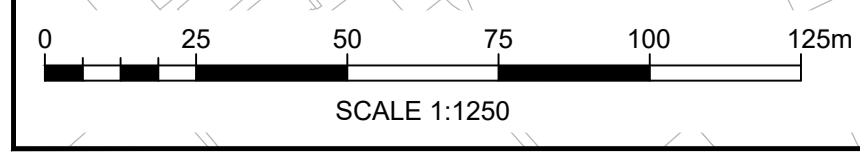
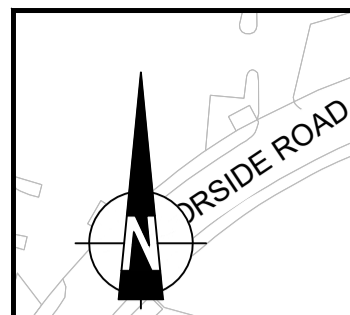
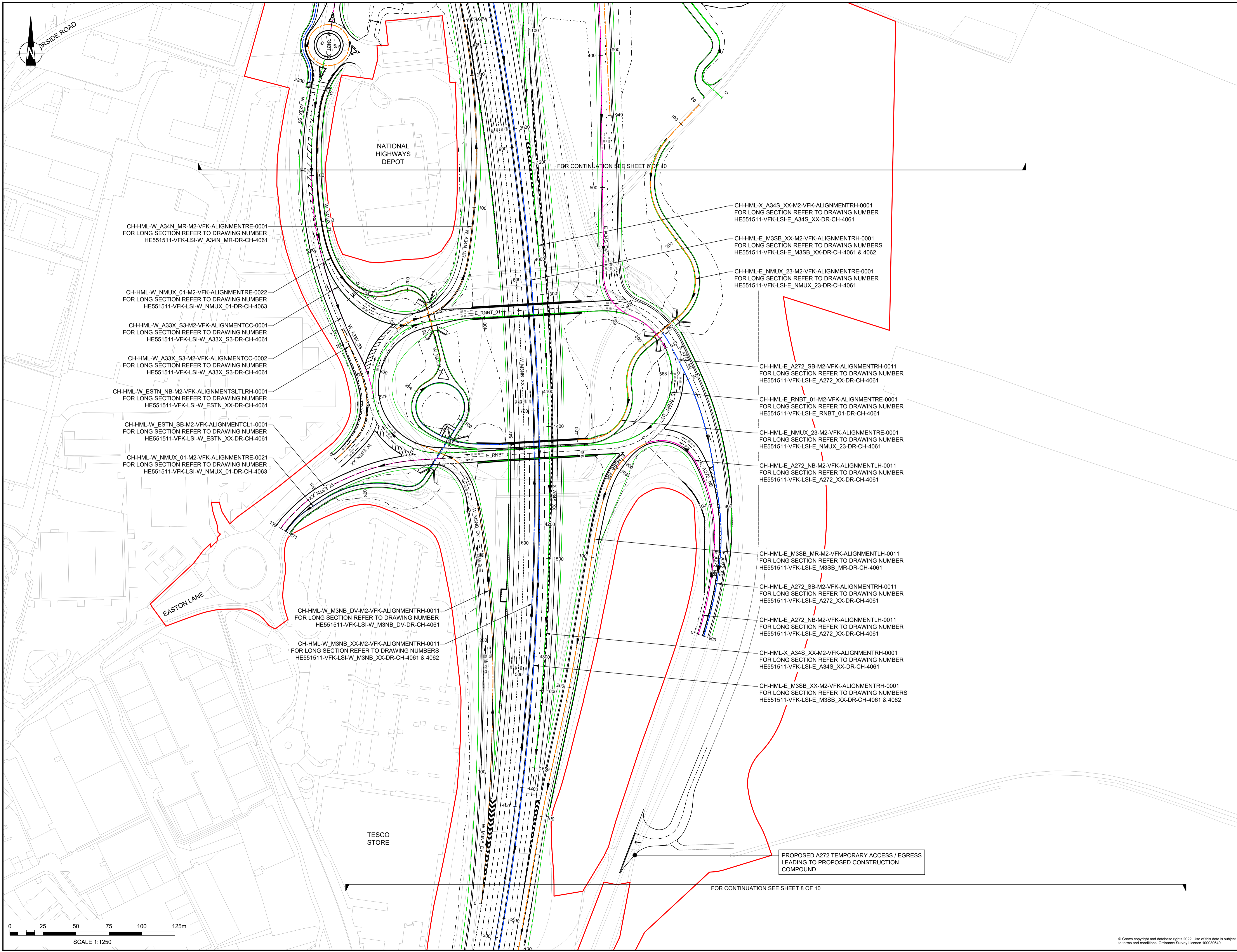
PROJECT STAGE
 PCF STAGE 3

DRAWING TITLE
 ENGINEERING PLANS AND SECTIONS
 APPP REGULATION 5(2)(a), 5(2)(p) and 6(2)
 SHEET 6 OF 10
 DOCUMENT REFERENCE: 2.6

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1250 STATUS: REV 0
 DRAWING NUMBER
 HE551511-VFK-LSI-X_XXXX_XX-DR-ZL-4006

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— PROPOSED DESIGN ALIGNMENT (ALIGNMENT COLOURS VARY FOR CLARIFICATION PURPOSES ONLY)

REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP

DESIGNER

CONTRACTOR

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PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
 PCF STAGE 3

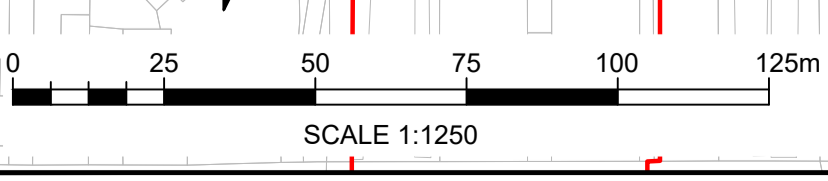
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 ENGINEERING PLANS AND SECTIONS
 APPF REGULATION s(2)(a), s(2)(p) and 6(2)
 SHEET 7 OF 10
 DOCUMENT REFERENCE: 2.6

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1250 STATUS: REV 0

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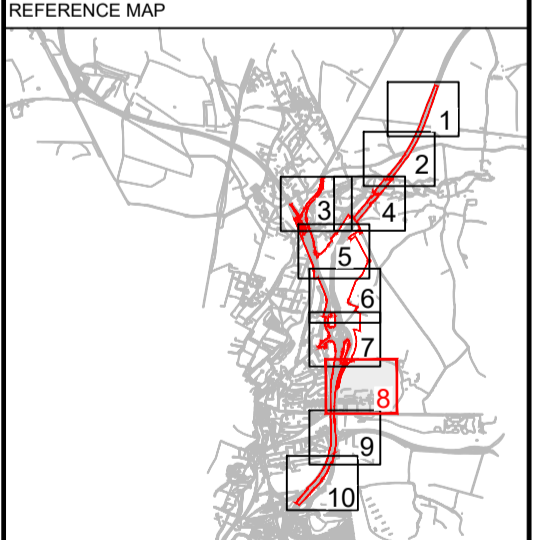
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REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF



DESIGNER
Stantec

CONTRACTOR
VolkerFitzpatrick

CLIENT
national highways

PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
PCF STAGE 3

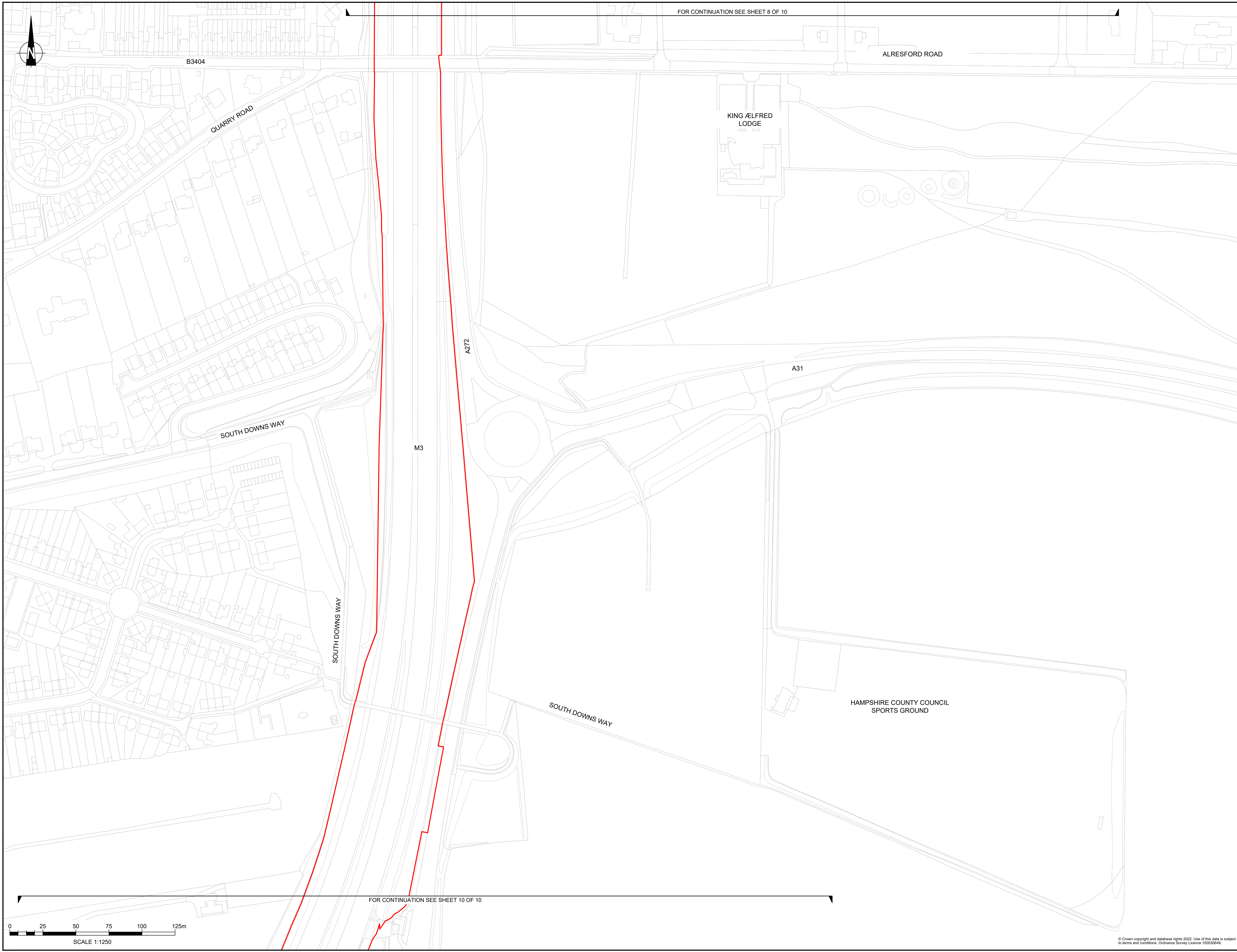
DRAWING TITLE
ENGINEERING PLANS AND SECTIONS
APFP REGULATION s(2)(a), s(2)(p) and 6(2)
SHEET 8 OF 10
DOCUMENT REFERENCE: 2.6

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1250 STATUS: REV 0

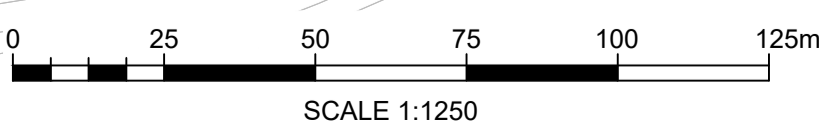
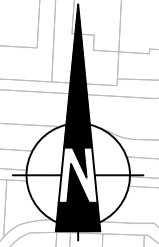
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FOR CONTINUATION SEE SHEET 10 OF 10



SCALE 1:1250

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- PROPOSED DESIGN ALIGNMENT (ALIGNMENT COLOURS VARY FOR CLARIFICATION PURPOSES ONLY)

REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP

DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
PCF STAGE 3

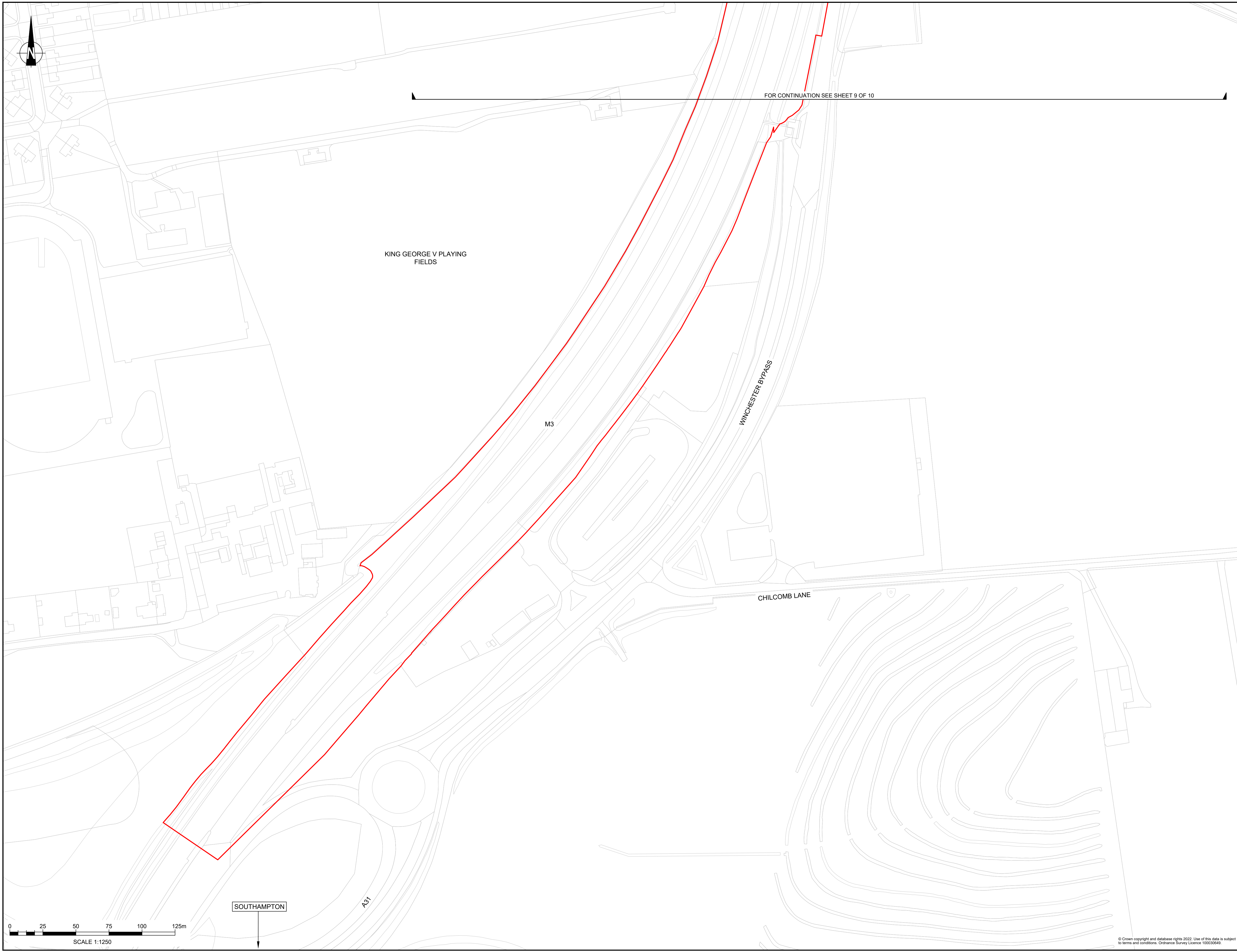
DRAWING TITLE
**ENGINEERING PLANS AND SECTIONS
 APFP REGULATION 5(2)(a), 5(2)(p) and 6(2)
 SHEET 9 OF 10
 DOCUMENT REFERENCE: 2.6**

SUITABILITY
APPLICATION SUBMISSION

SHEET SIZE: A1 | SCALE: 1:1250 | STATUS: REV 0

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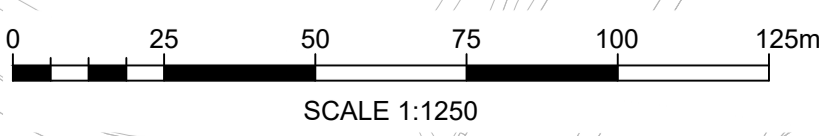
KING GEORGE V PLAYING FIELDS

M3

WINCHESTER BYPASS

CHILCOMB LANE

SOUTHAMPTON



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- PROPOSED DESIGN ALIGNMENT (ALIGNMENT COLOURS VARY FOR CLARIFICATION PURPOSES ONLY)

REV	DATE	REVISION NOTE	ORIG	CHKD	APPD
0	NOVEMBER 2022	APPLICATION SUBMISSION	GP	LC	MF

REFERENCE MAP

DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
 M3 JUNCTION 9 IMPROVEMENT SCHEME

PROJECT STAGE
 PCF STAGE 3

DRAWING TITLE
 ENGINEERING PLANS AND SECTIONS
 APFP REGULATION s(2)(a), s(2)(p) and s(2)(g)
 SHEET 10 OF 10
 DOCUMENT REFERENCE: 2.6

SUITABILITY
 APPLICATION SUBMISSION

SHEET SIZE: A1 SCALE: 1:1,250 STATUS: REV 0

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