

M54 to M6 Link Road
TR010054
Volume 2
2.10 Engineering Section Drawings

Regulation 5(2)(o)

Planning Act 2008

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

January 2020

Infrastructure Planning

Planning Act 2008

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

**M54 to M6 Link Road
Development Consent Order 202[]**

Engineering Section Drawings

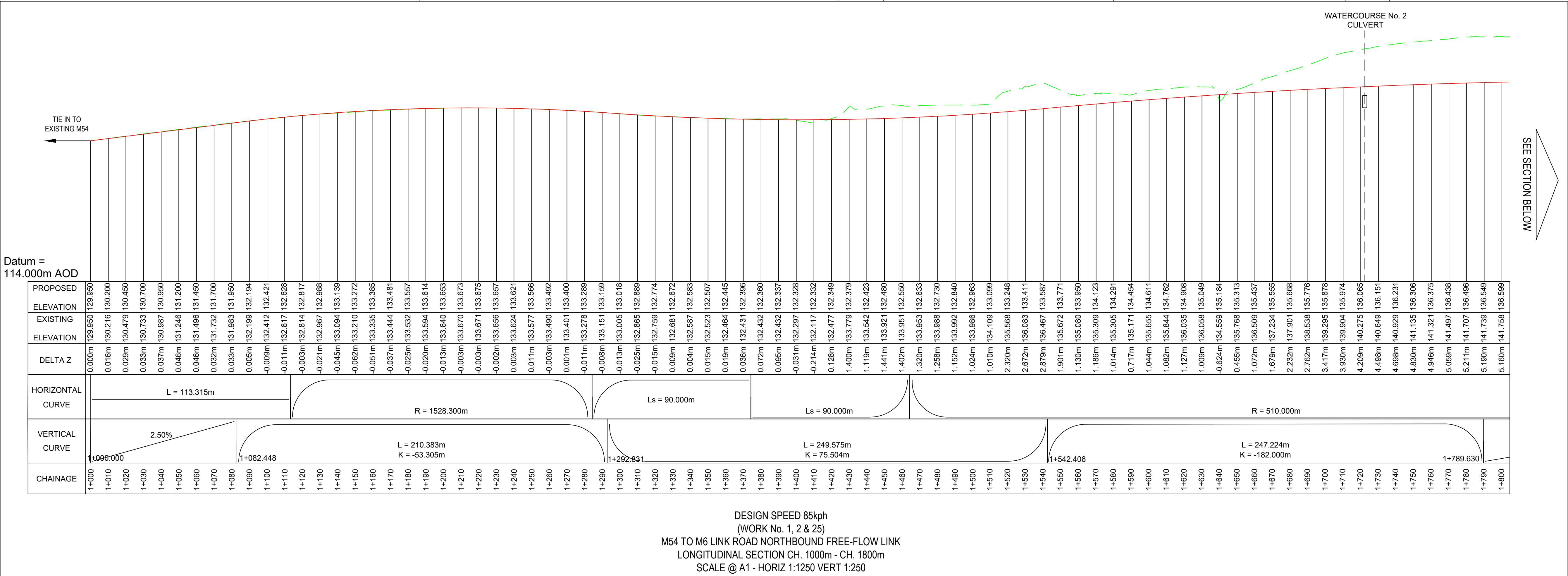
Regulation Number	Regulation 5(2)(o)
Planning Inspectorate Scheme Reference	TR010054
Application Document Reference	2.10
Author	M54 to M6 Link Road Project Team and Highways England

Version	Date	Status of Version
P01	January 2020	DCO Application

Schedule of Plans included in this Application Document

Drawing Number	Drawing Title	Revision
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1601	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 1 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1602	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 2 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1603	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 3 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1604	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 4 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1605	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 5 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1606	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 6 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1607	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 7 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1608	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 8 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1609	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 9 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1610	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 10 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1611	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 11 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1612	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 12 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1613	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 13 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1614	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 14 OF 16	P02
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1615	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 15 OF 16	P01

Drawing Number	Drawing Title	Revision
HE514465-ACM-DCO-M54_SW_PR_Z-DR-CH-1616	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 16 OF 16	P01
HE514465-ACM-DCO-Z1_BR_B01_Z-DR-CB-1001	BRIDGE B01 M54 J1 FREE FLOW LINK UNDERBRIDGE	P01
HE514465-ACM-DCO-Z1_BR_B03_Z-DR-CB-1001	BRIDGE B03 FEATHERSTONE JUNCTION OVERBRIDGE	P01
HE514465-ACM-DCO-Z1_BR_B05_Z-DR-CB-1001	BRIDGE B05 HILTON LANE OVERBRIDGE	P01
HE514465-ACM-DCO-Z1_BR_B06_Z-DR-CB-1001	BRIDGE B06 RIDE FARM ACCOMODATION BRIDGE	P01
HE514465-ACM-DCO-Z1_BR_B07_Z-DR-CB-1001	BRIDGE B07 SHARESHILL FLOOD CROSSING	P01
HE514465-ACM-DCO-Z1_BR_B08_Z-DR-CB-1001	BRIDGE B08 M6 J11 NEW SHARESHILL INTERCHANGE (NORTH)	P01
HE514465-ACM-DCO-Z1_BR_B09_Z-DR-CB-1001	BRIDGE B09 M6 J11 NEW SHARESHILL INTERCHANGE (SOUTH)	P01



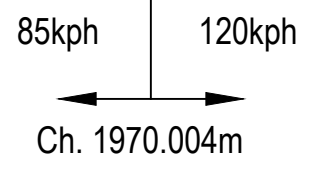
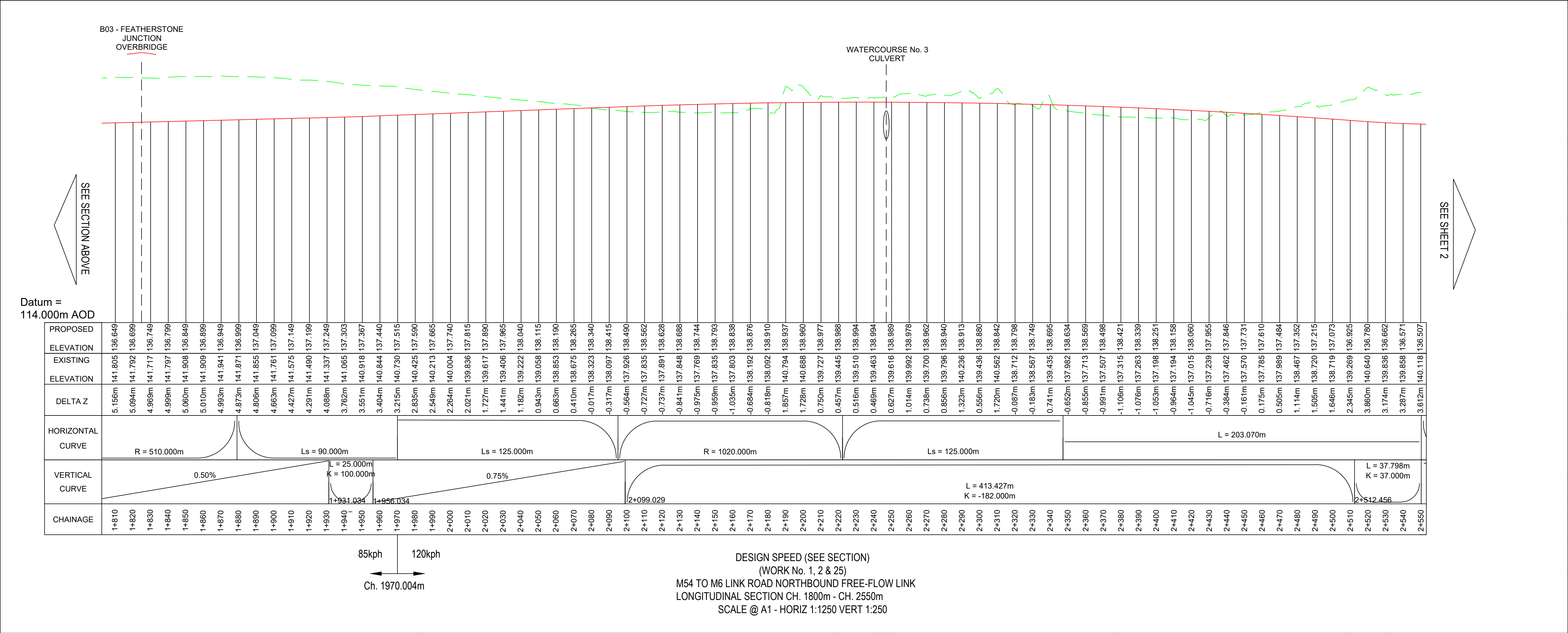
NOTES

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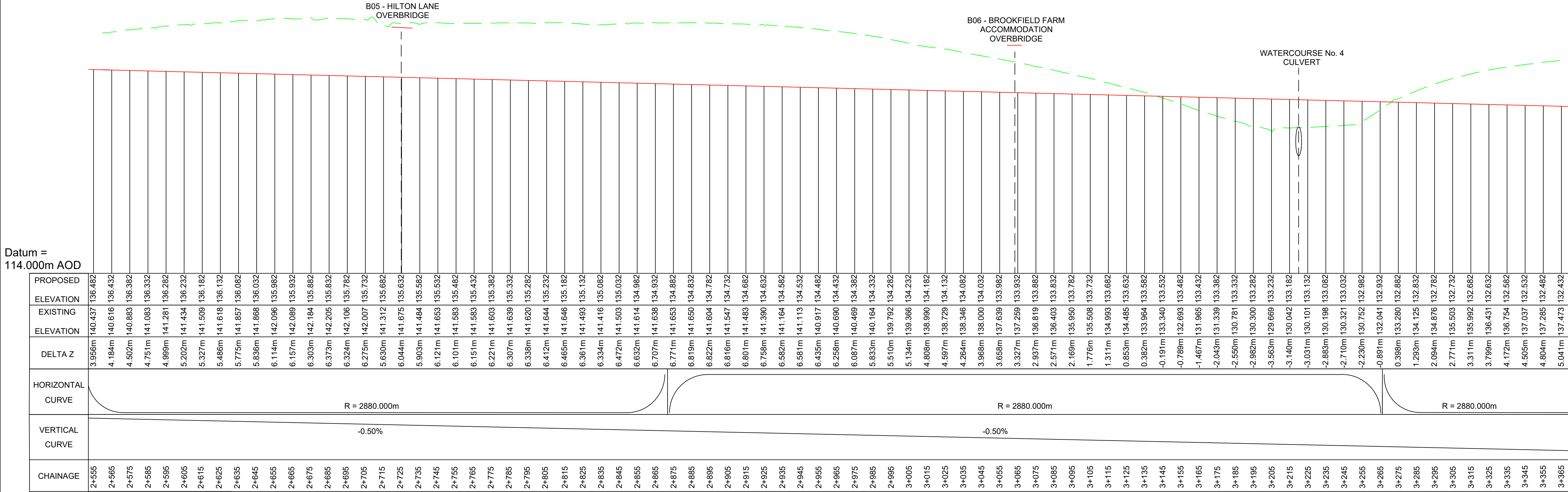
KEY

- EXISTING GROUND
- PROPOSED GROUND

First Issue	MW	13/01/20	P01
Minor amendments.	MW	22/01/20	P02
Revision Details	By	Date	Suffix
Purpose of issue			
DCO APPLICATION			
Client Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN			
Development Consent Order Number TR010054			
Project Title M54 to M6 Link Road			
Development Consent Order Number TR010054/APP/2.10			
Drawing Title ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 1 OF 16			
Designed ---	Drawn MW	Checked AM	Approved RR
Internal Project No. 60536736		Suitability S8	
Scale @ A1 AS SHOWN/H/AS SHOWN/V		Zone Development Consent Order	
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Drawing Number Highways England PIN HE514465	I Originator -ACM	I Volume -DCO - M54_SW_PR_Z	Rev P02



DESIGN SPEED (SEE SECTION)
(WORK No. 1, 2 & 25)
M54 TO M6 LINK ROAD NORTHBOUND FREE-FLOW LINK
LONGITUDINAL SECTION CH. 1800m - CH. 2550m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

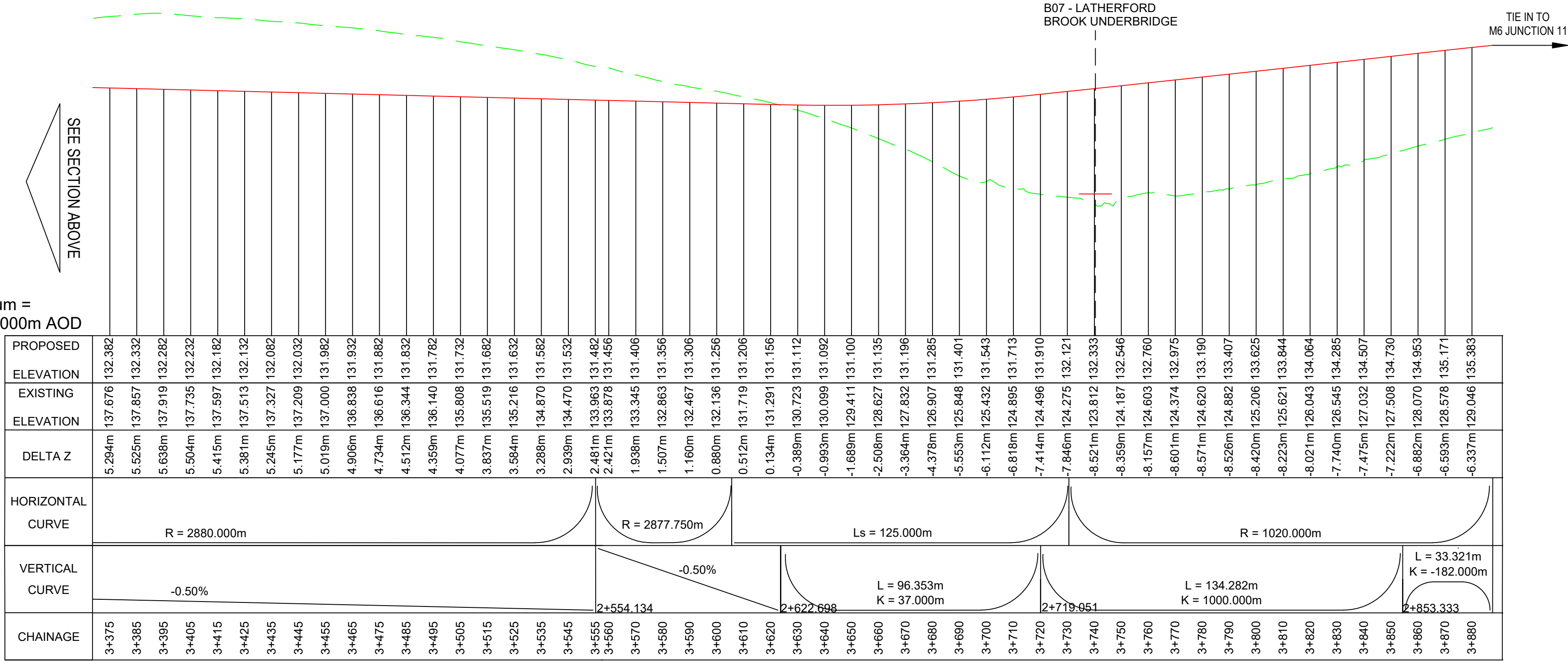


Datum = 114.000m AOD

SEE SECTION BELOW

DESIGN SPEED 120kph
(WORK No. 25 & 26)
M54 TO M6 LINK ROAD MAINLINE
LONGITUDINAL SECTION CH. 2550m - CH. 3365m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

- NOTES
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- KEY
- EXISTING GROUND
 - PROPOSED GROUND



Datum = 114.000m AOD

SEE SECTION ABOVE

DESIGN SPEED 120kph
(WORK No. 25 & 26)
M54 TO M6 LINK ROAD MAINLINE
LONGITUDINAL SECTION CH. 3365m - CH. 3888m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

DCO APPLICATION

Client
Highways England
Floor 5
Two Colonnade Square
38 Colonnade Circus
Birmingham
B4 6BN

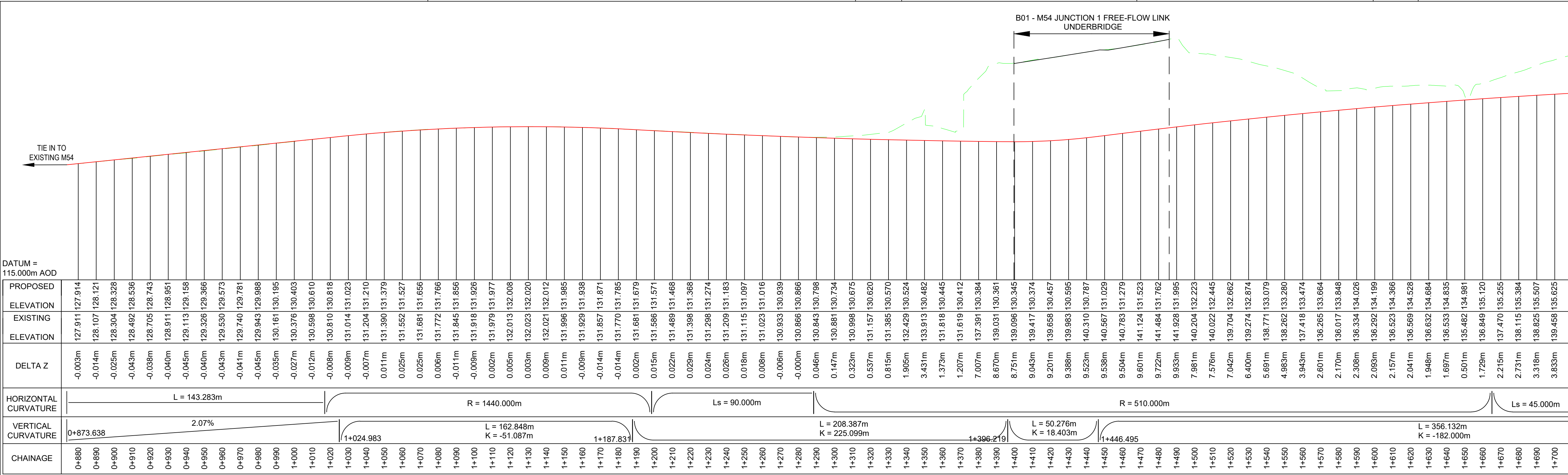
Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

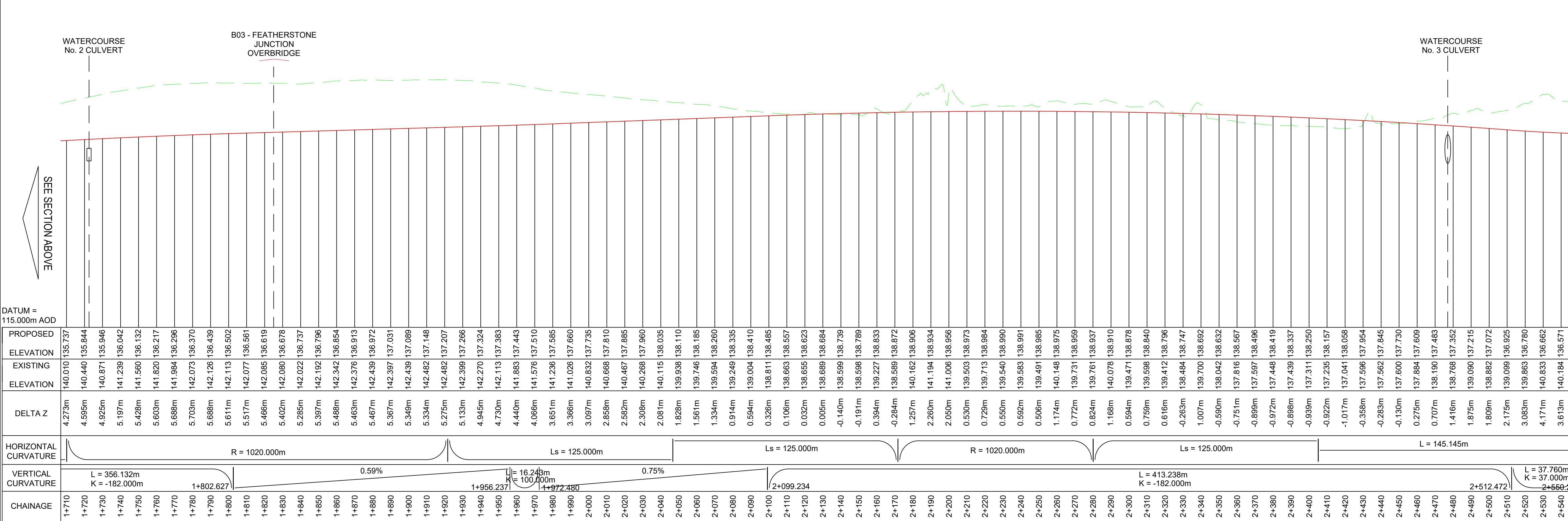
Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 2 OF 16

Designed ---	Drawn MW	Checked AM	Approved RR	Date 22/01/20
Internal Project No. 60536736	Suitability S8		THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOM'S APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOM'S EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.	
Scale @ A1 AS SHOWN/HAS SHOWN/V	Zone Development Consent Order			
Drawing Number HE514465	Highways England PIN -ACM	I Originator -DCO-	I Volume -DR-CH-1602	Rev P02
Location M54_SW_PR_Z	I Type	I Role	I Number	



DESIGN SPEED 85kph
(WORK No. 3, 4 & 26)
M54 TO M6 LINK ROAD SOUTHBOUND FREE-FLOW LINK
LONGITUDINAL SECTION CH. 873m - CH. 1700m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED (SEE SECTION)
(WORK No. 3, 4 & 26)
M54 TO M6 LINK ROAD SOUTHBOUND FREE-FLOW LINK
LONGITUDINAL SECTION CH. 1700m - CH. 2550m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

NOTES

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KEY

- EXISTING GROUND
- PROPOSED GROUND

First Issue

MW	RR	13/01/20	P01
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Minor amendments.

MW	RR	22/01/20	P02
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Revision Details

By	Check	Date	Suffix
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Purpose of Issue

DCO APPLICATION

Client

Highways England

Floor 5

Two Colmore Square

38 Colmore Circus

Birmingham

B4 6BN

Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.10

Drawing Title

ENGINEERING SECTIONS

REGULATION 5(2)(O)

SHEET 3 OF 16

Designed

Drawn

Checked

Approved

Date

22/01/20

Internal Project No.

60536736

Suitability

S8

Scale @ A1

AS SHOWN/HAS SHOWN/V

Zone

Development Consent Order

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Drawing Number

Highways England PIN

I Originator

I Volume

HE514465 -ACM

-DCO -

M54_SW_PR_Z

-DR-CH-1603

Location

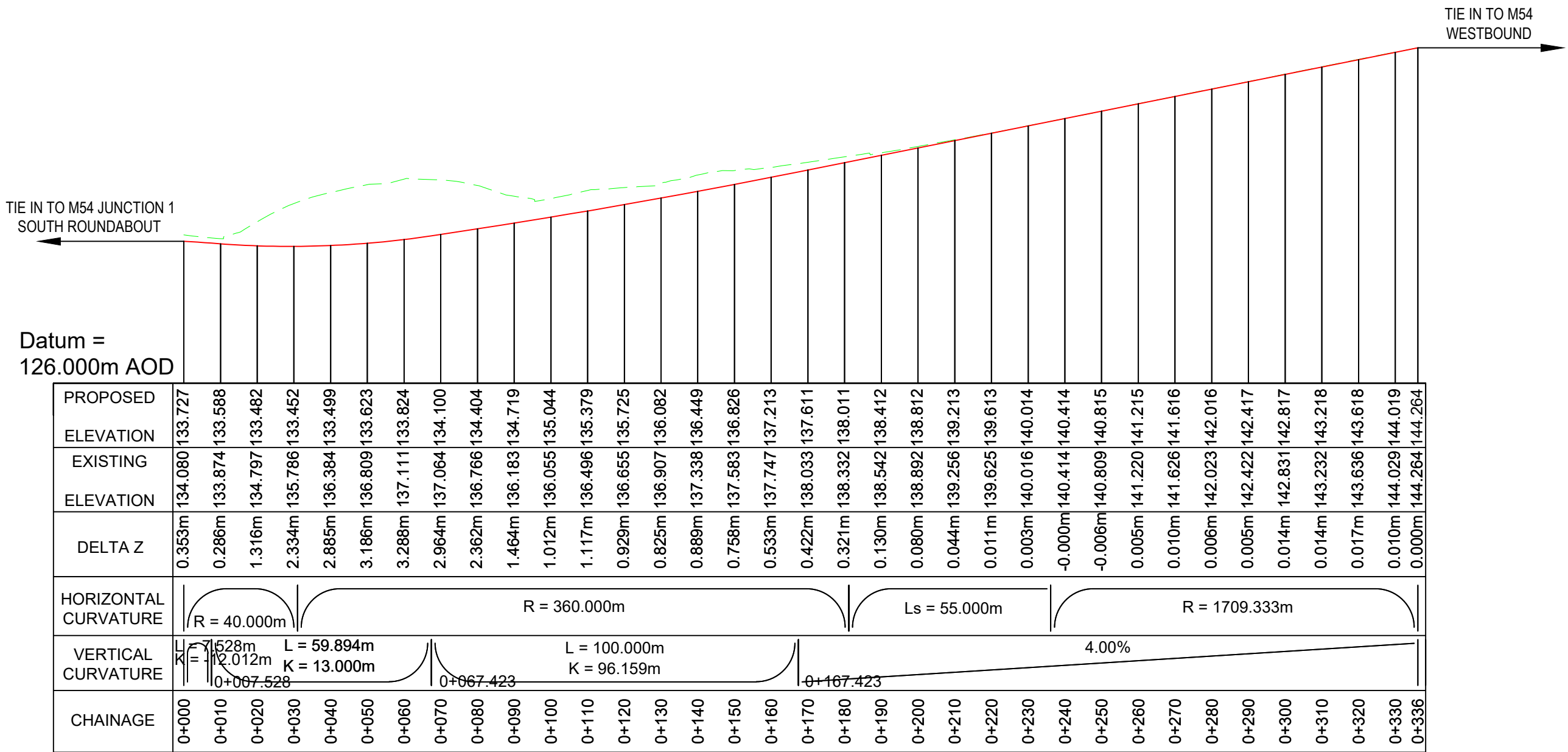
I Type

I Role

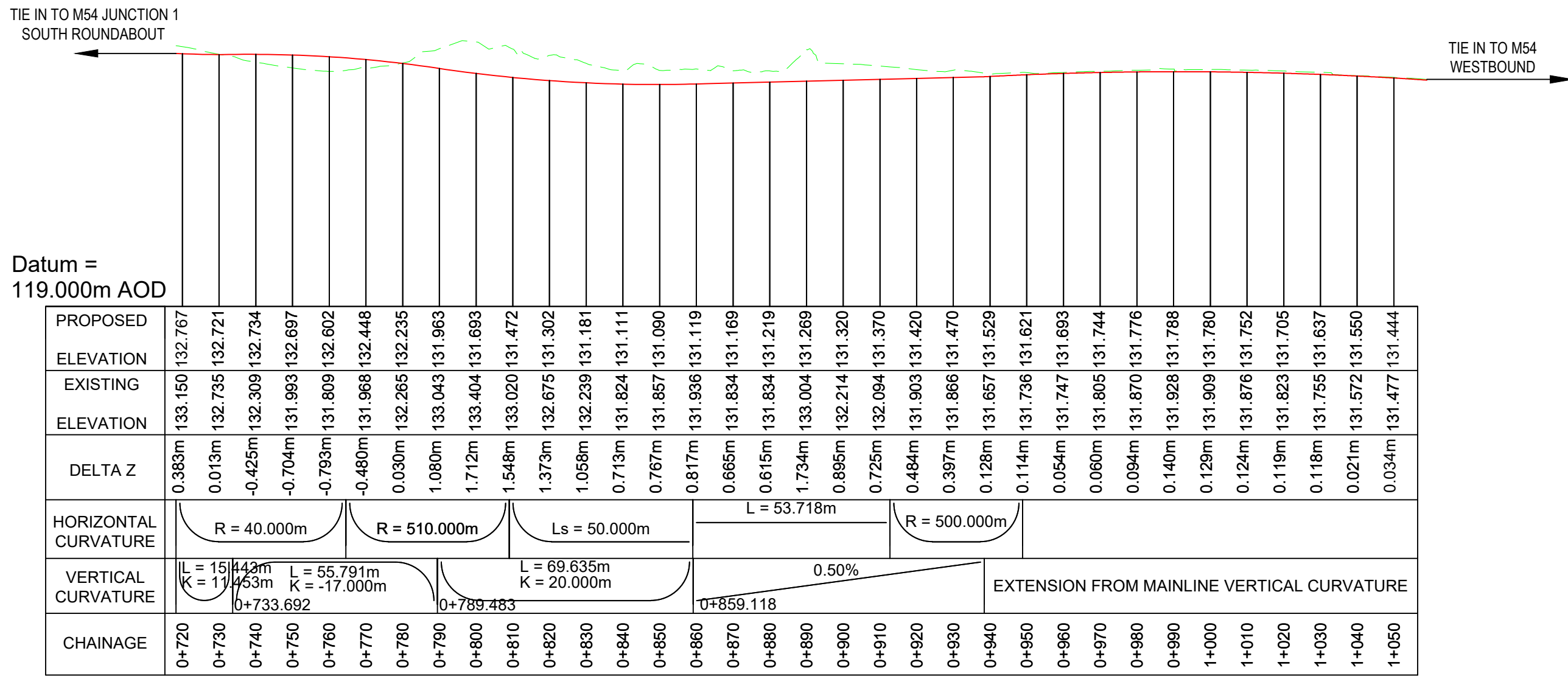
I Number

Rev

P02



DESIGN SPEED 70kph
(WORK No. 9)
M54 JUNCTION 1 WESTBOUND DIVERGE
LONGITUDINAL SECTION CH. 0m - CH. 336m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 70kph
(WORK No. 5)
M54 JUNCTION 1 WESTBOUND MERGE
LONGITUDINAL SECTION CH. 720m - CH. 1050m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

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- KEY
- EXISTING GROUND
- PROPOSED GROUND

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client

Highways England

Floor 5

Two Colmore Square

38 Colmore Circus

Birmingham

B4 6BN

Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.10

Drawing Title

ENGINEERING SECTIONS

REGULATION 5(2)(O)

SHEET 4 OF 16

Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20

Internal Project No.

60536736

Suitability

S8

Scale @ A1

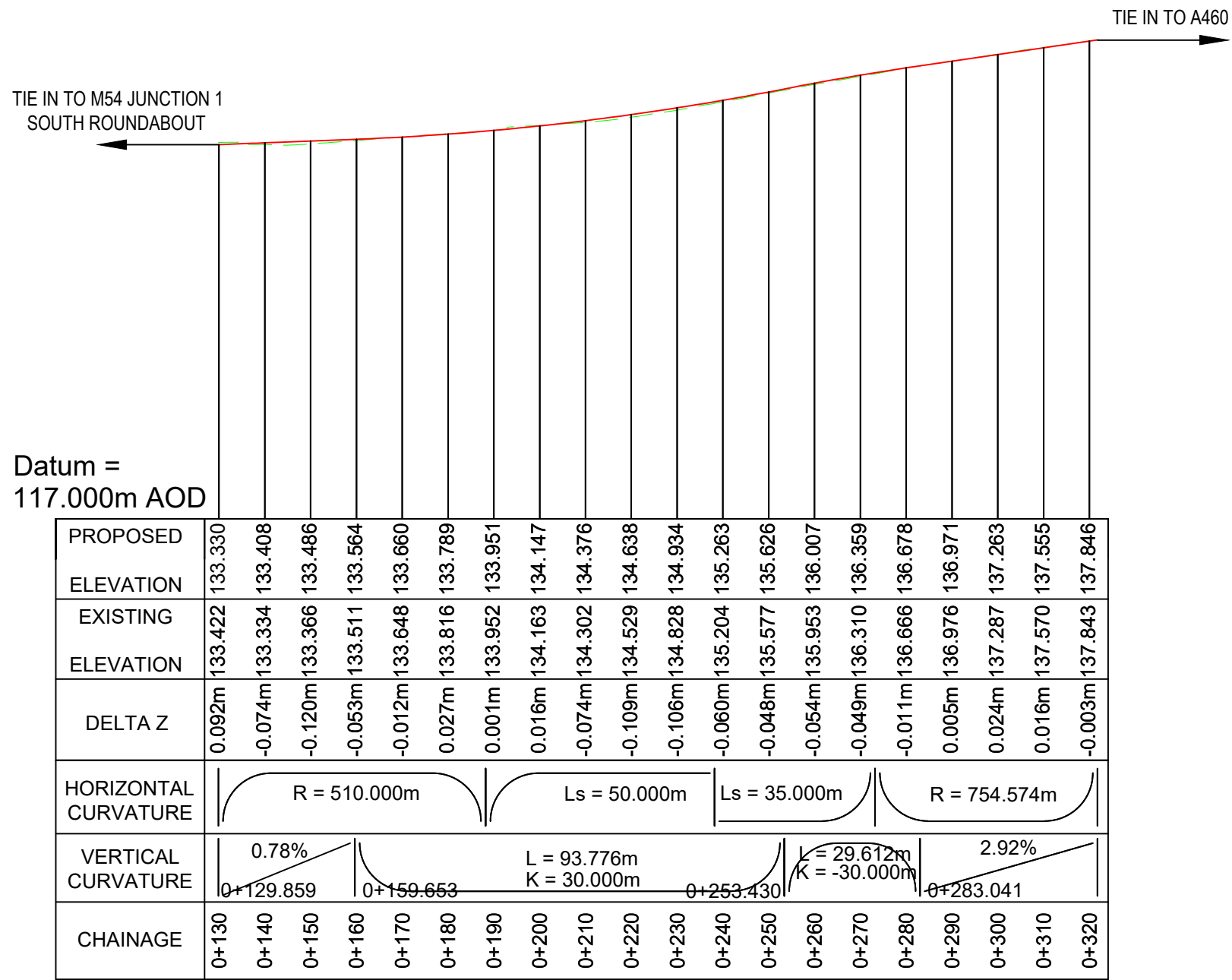
Zone

AS SHOWN/HAS SHOWN/V

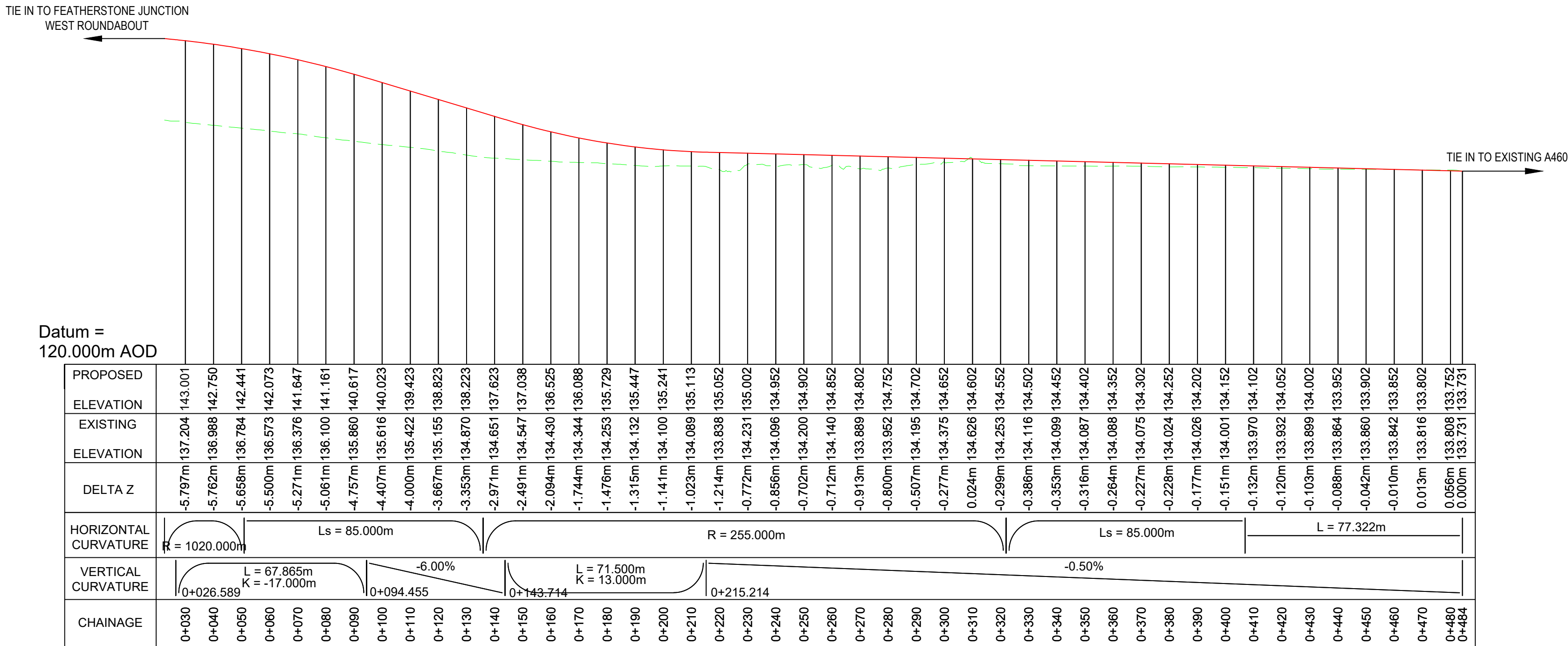
Development Consent Order

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Drawing Number	Highways England PIN	I Originator	I Volume	Rev
HE514465	-ACM	-DCO	-	P02
M54_SW_PR_Z		-DR-CH-1604		
Location	I Type	I Role	I Number	



DESIGN SPEED 70kph
(WORK No. 7)
A460 SOUTHERN ROUNDABOUT ARM
LONGITUDINAL SECTION CH. 126m - CH. 320m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 60kph
(WORK No. 16)
FEATHERSTONE JUNCTION CANNOCK ROAD
LONGITUDINAL SECTION CH. 26m - CH. 484m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

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- KEY
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- PROPOSED GROUND

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

Purpose of issue	DCO APPLICATION
Client	Highways England
Floor 5	Two Colmore Square
38 Colmore Circus	Birmingham
B4 6BN	
Development Consent Order Number	TR010054

Project Title

M54 to M6 Link Road

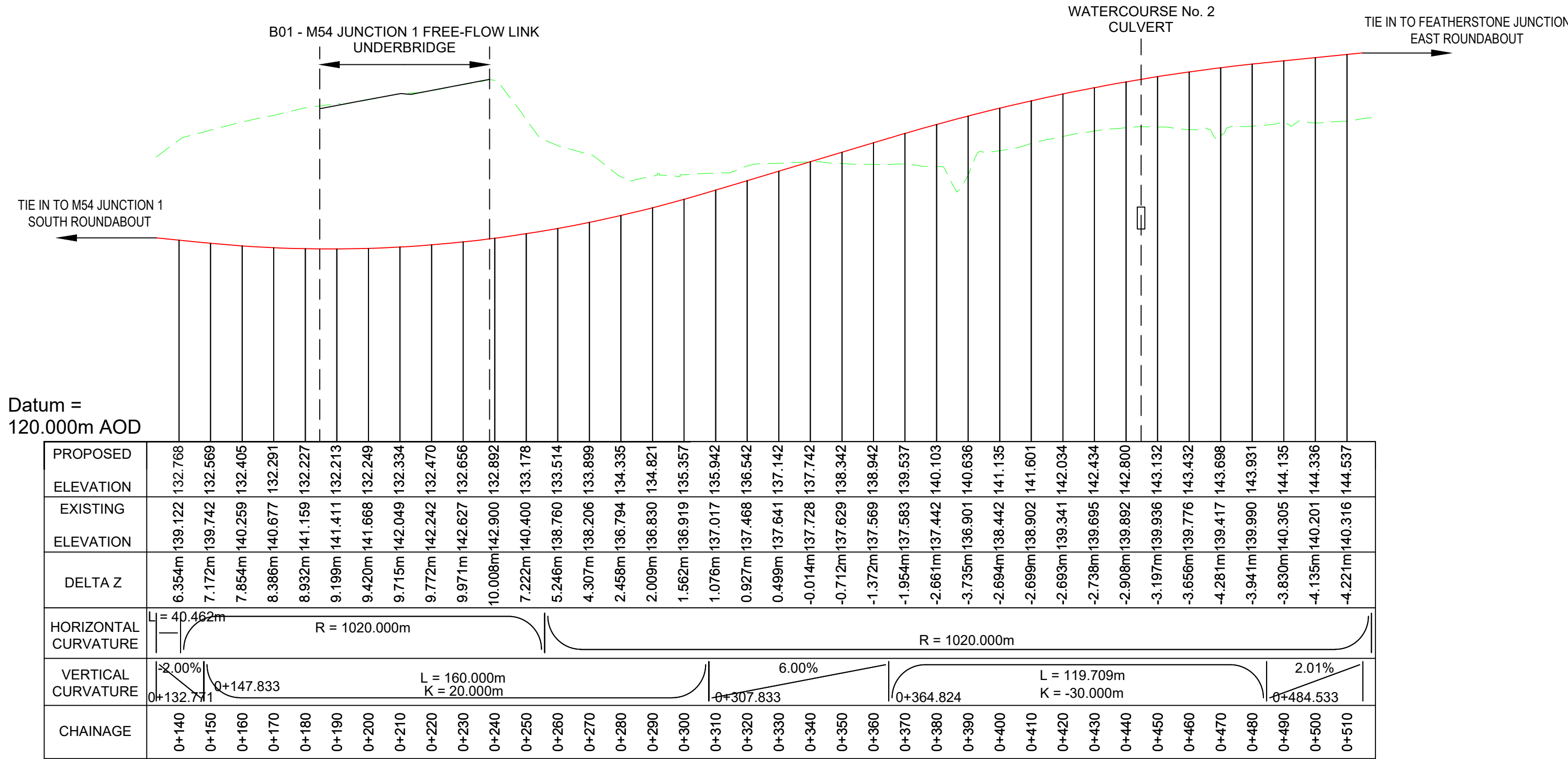
Development Consent Order Drawing Number

TR010054/APP/2.10

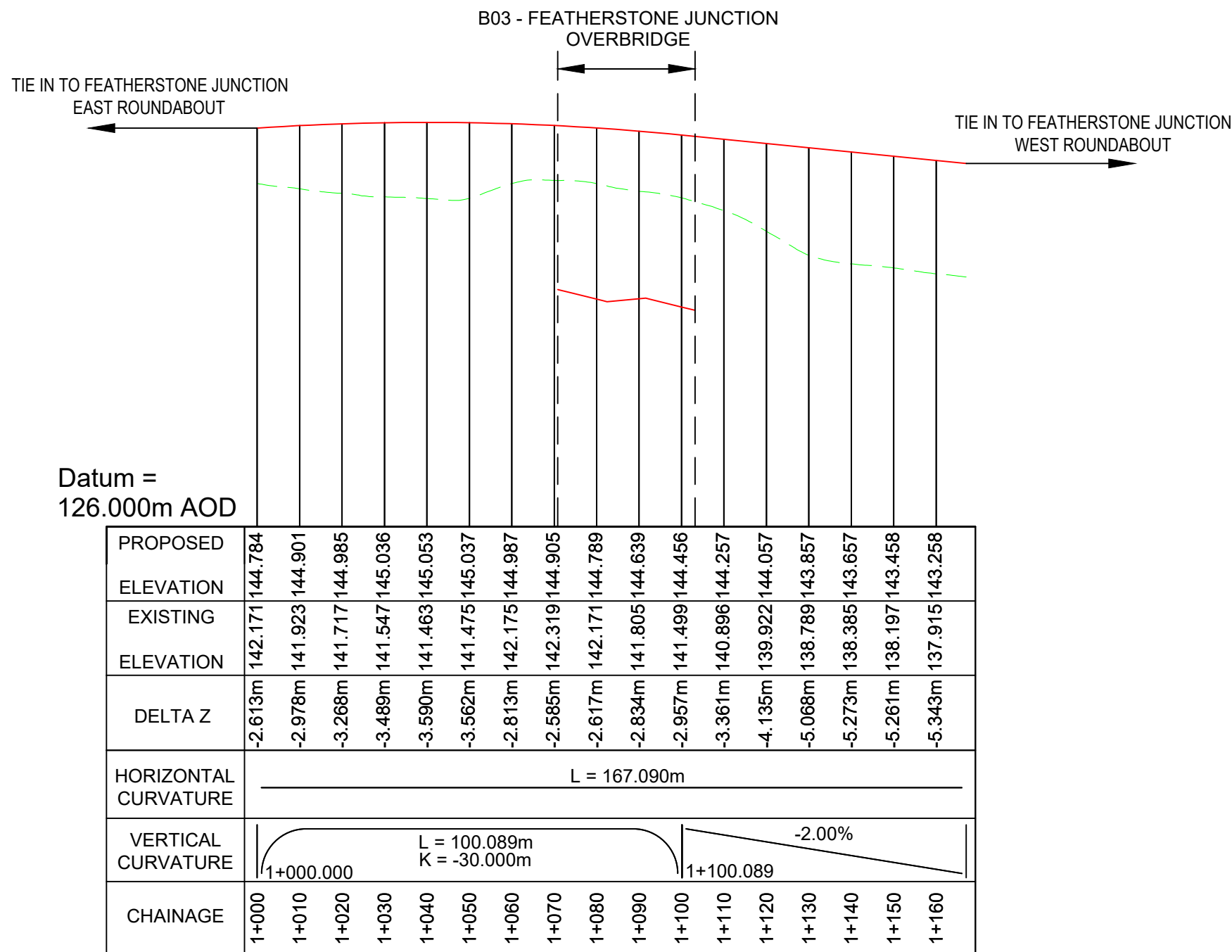
Drawing Title

ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 5 OF 16

Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20
Internal Project No.	Suitability	Zone	Development Consent Order	
60536736	S8			
Scale @ A1	AS SHOWN/HAS SHOWN/V			
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Drawing Number	Highways England PIN	I Originator	I Volume	Rev
HE514465	-ACM	-DCO -		P02
M54_SW_PR_Z		-DR-CH-1605		
Location	I Type	I Role	I Number	



DESIGN SPEED 70kph
(WORK No. 10)
FEATHERSTONE JUNCTION SOUTH-EAST ROUNDABOUT CONNECTOR
LONGITUDINAL SECTION CH. 132m - CH. 517m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 70kph
(WORK No. 14)
FEATHERSTONE JUNCTION OVERBRIDGE
LONGITUDINAL SECTION CH. 1000m - CH. 1160m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

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Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

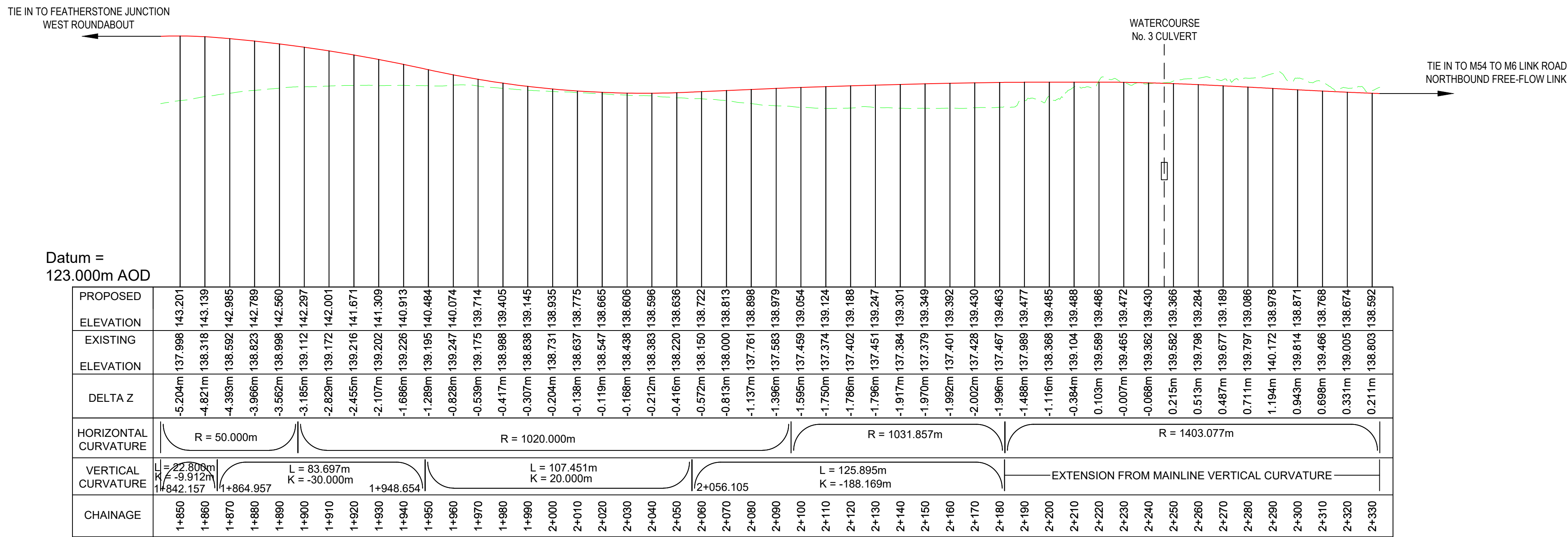
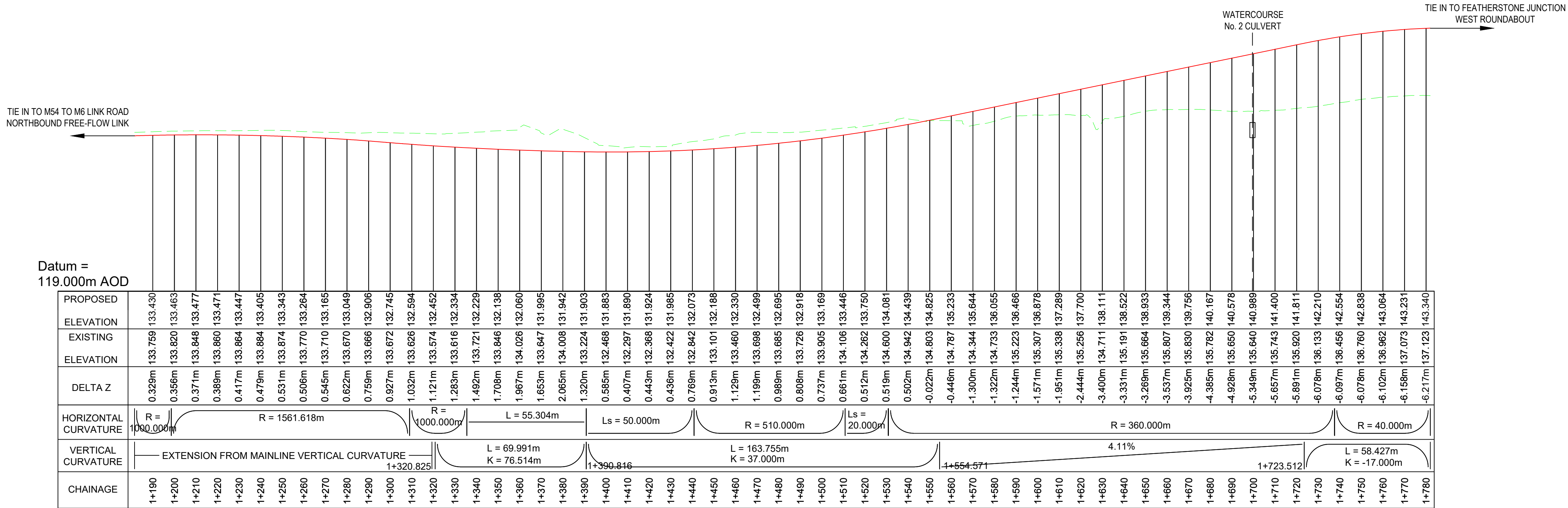
Purpose of issue	DCO APPLICATION
Client	Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN
Development Consent Order Number	TR010054

Project Title	M54 to M6 Link Road
Development Consent Order Number	TR010054/APP/2.10
Drawing Title	ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 6 OF 16

Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20
Internal Project No.	Suitability	Zone	Development Consent Order	
60536736	S8			
Scale @ A1	AS SHOWN/H/AS SHOWN/V			

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Drawing Number	Highways England PIN	I Originator	I Volume	Rev
HE514465	-ACM	-DCO		P02
M54_SW_PR_Z		-DR-CH-1606		
Location	I Type	I Role	I Number	



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Purpose of Issue	DCO APPLICATION
Client	Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN
Development Consent Order Number	TR010054

Project Title

M54 to M6 Link Road

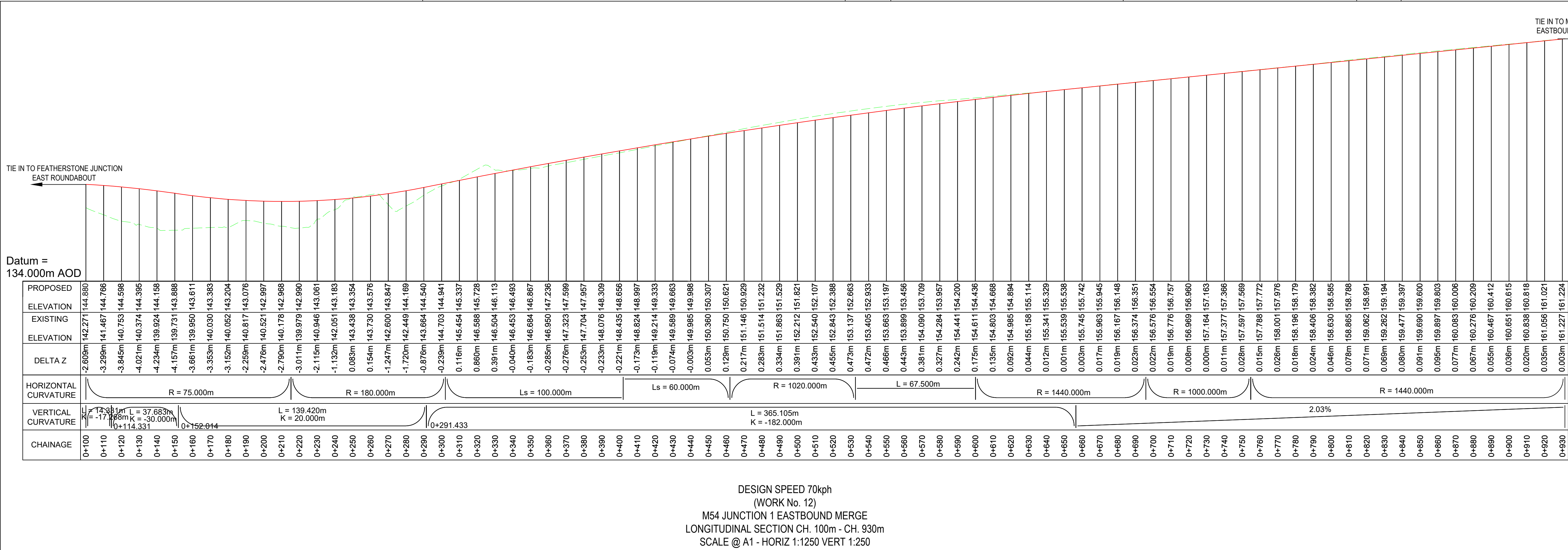
Development Consent Order Drawing Number

TR010054/APP/2.10

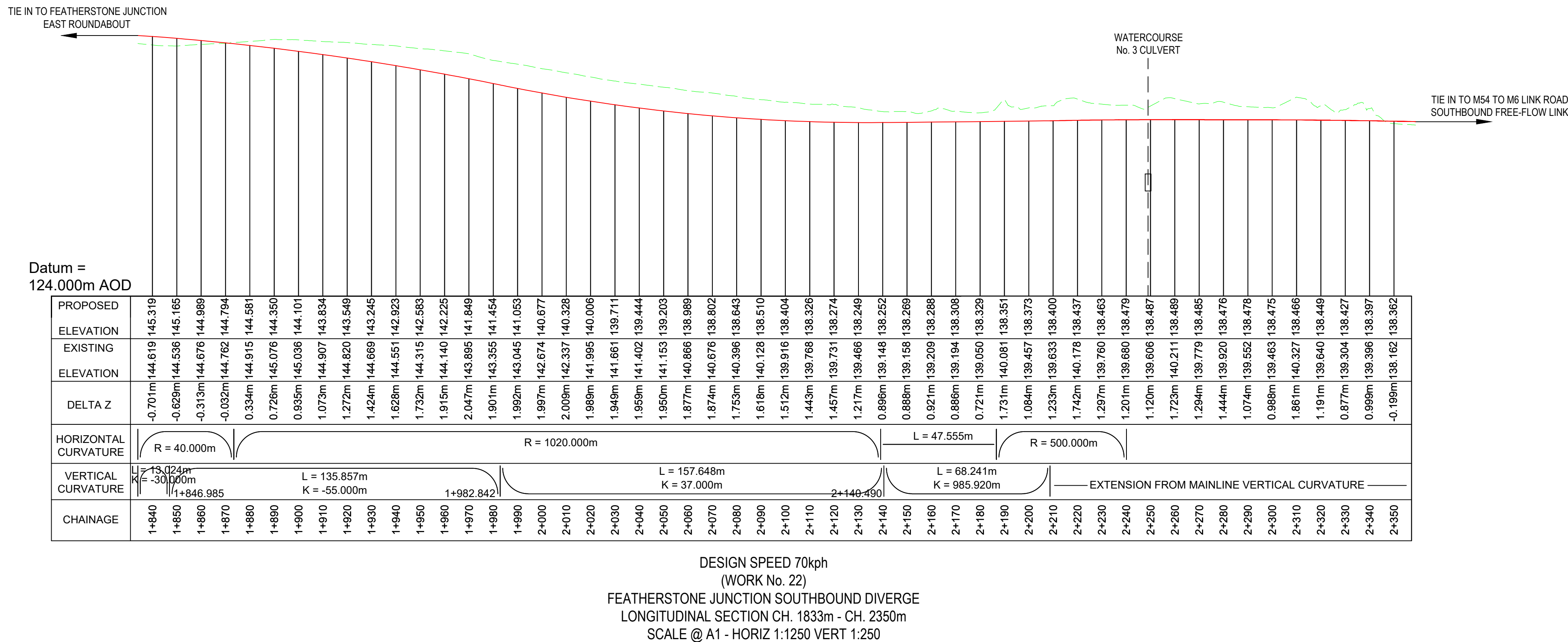
Drawing Title

ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 7 OF 16

Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20
Internal Project No.	Suitability	Zone	Development Consent Order	
60536736	S8			
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Drawing Number	Highways England PIN	I Originator	I Volume	Rev
HE514465	-ACM	-DCO	-DR-CH-1607	P02
M54_SW_PR_Z				
Location	I Type	I Role	I Number	



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Client Highways England Floor 5 Two Colmore Square 38 Colmore Circus Birmingham B4 6BN			
Development Consent Order Number TR010054			
Project Title M54 to M6 Link Road			
Development Consent Order Drawing Number TR010054/APP/2.10			
Drawing Title ENGINEERING SECTIONS REGULATION 5(2)(O) SHEET 8 OF 16			
Designed ---	Drawn MW	Checked AM	Approved RR
Internal Project No. 60536736		Date 22/01/20	
Scale @ A1		Suitability S8	
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Drawing Number HE514465	Highways England PIN -ACM	I Originator -DCO	I Volume -DR-CH-1608
Location M54_SW_PR_Z	I Type I Role	I Number	Rev P02

TIE IN TO FEATHERSTONE
JUNCTION EAST ROUNDABOUT

TIE IN TO
EXISTING TRACK

DATUM =
127.000m AOD

PROPOSED ELEVATION	145.102
EXISTING ELEVATION	143.950
DELTA Z	-1.152m
HORIZONTAL CURVATURE	$L = 44.950m$ $R = 180.000m$
VERTICAL CURVATURE	$L = 57.362m$ $K = 9.000m$
CHAINAGE	0+140

DESIGN SPEED N/A
(WORK No. 20)
TOWER HILL FARM ACCESS TRACK
LONGITUDINAL SECTION CH. 140m - CH. 240m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

NOTES

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KEY

EXISTING GROUND
PROPOSED GROUND

TIE IN TO FEATHERSTONE
JUNCTION EAST ROUNDABOUT

TIE IN TO
EXISTING TRACK

DATUM =
127.000m AOD

PROPOSED ELEVATION	145.405
EXISTING ELEVATION	145.044
DELTA Z	-0.361m
HORIZONTAL CURVATURE	$L = 44.950m$ $R = 40.000m$
VERTICAL CURVATURE	$L = 52.642m$ $K = 9.000m$
CHAINAGE	0+130

DESIGN SPEED N/A
(WORK No. 21)
HILTON PARK ACCESS TRACK
LONGITUDINAL SECTION CH. 130m - CH. 510m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

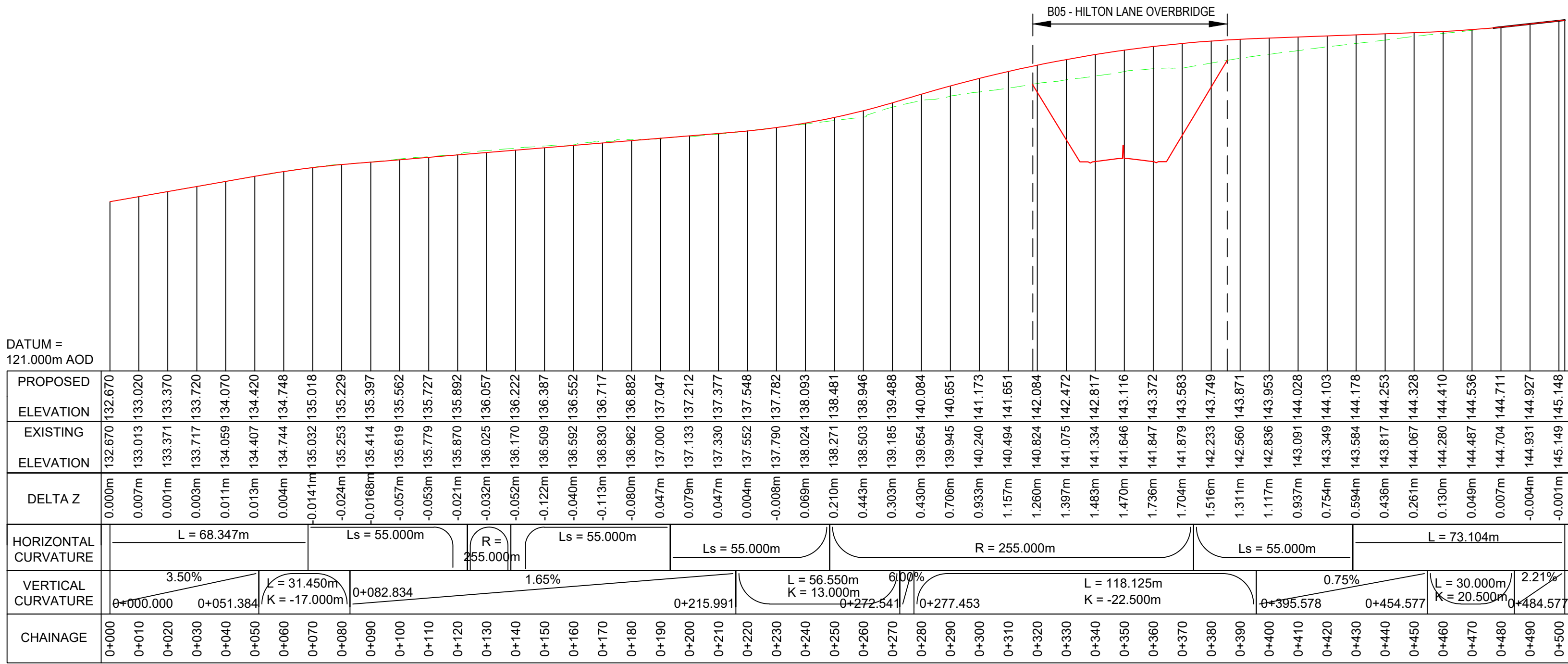
Development Consent Order Number
TR010054/APP/2.10

ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 9 OF 16

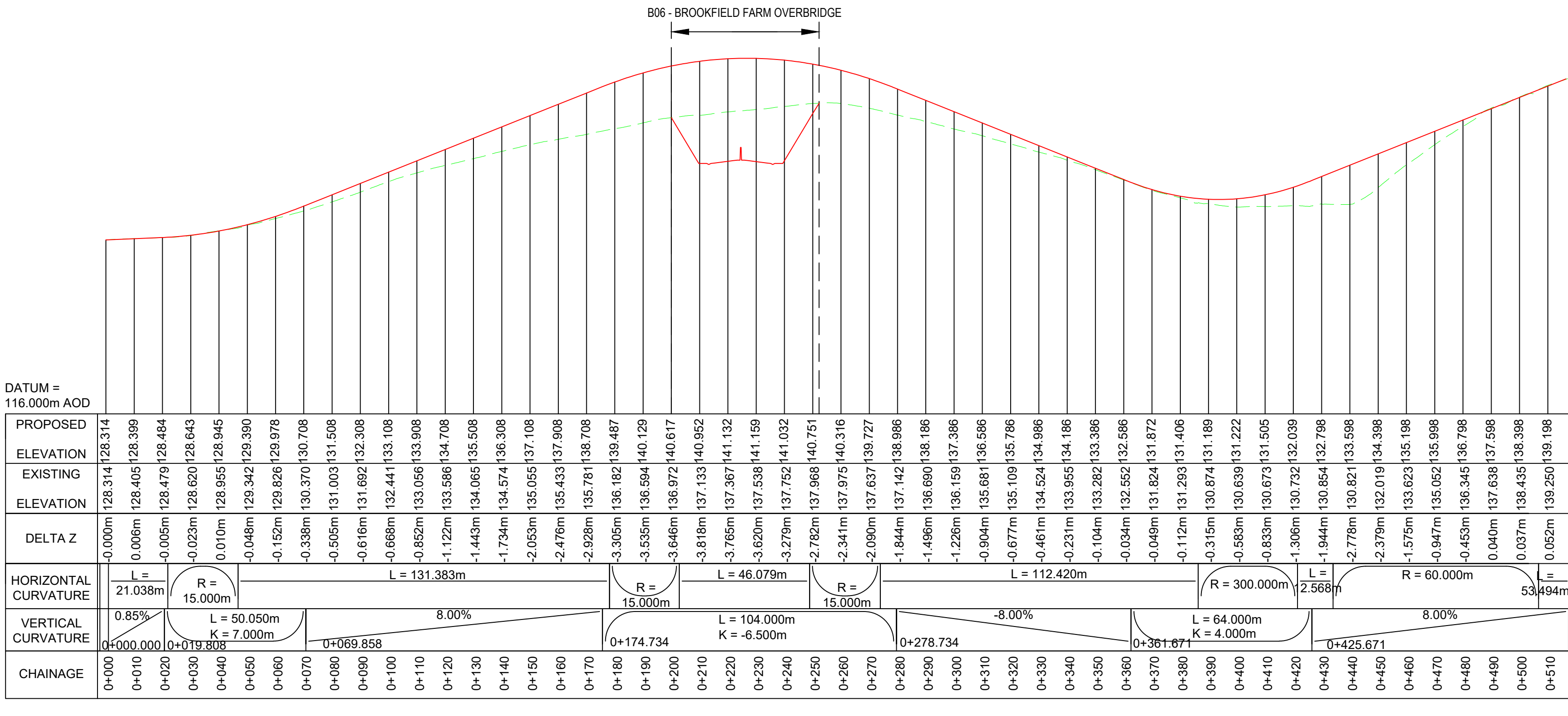
Designed ---	Drawn MW	Checked AM	Approved RR	Date 22/01/20
Internal Project No. 60536736	Suitability S8	Zone AS SHOWN/HAS SHOWN/V	Development Consent Order	

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Drawing Number Highways England PIN HE514465	Originator -ACM	Volume -DCO -	Rev P02
Location M54_SW_PR_Z	I Type -DR-CH-1609	I Role I Number	



DESIGN SPEED 60kph
(WORK No. 27)
HILTON LANE
LONGITUDINAL SECTION CH. 0m - CH. 502m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED N/A
(WORK No. 28)
ACCOMMODATION OVERBRIDGE
LONGITUDINAL SECTION CH. 0m - CH. 510m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

- NOTES
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- KEY
- EXISTING GROUND
 - PROPOSED GROUND

First Issue	MW	13/01/20	P01
Minor amendments.	MW	22/01/20	P02
Revision Details	By	Date	Suffix
	Check		

DCO APPLICATION	
Client	Highways England
Floor 5	Two Colmore Square
38 Colmore Circus	Birmingham
B4 6BN	
Development Consent Order Number	TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.10

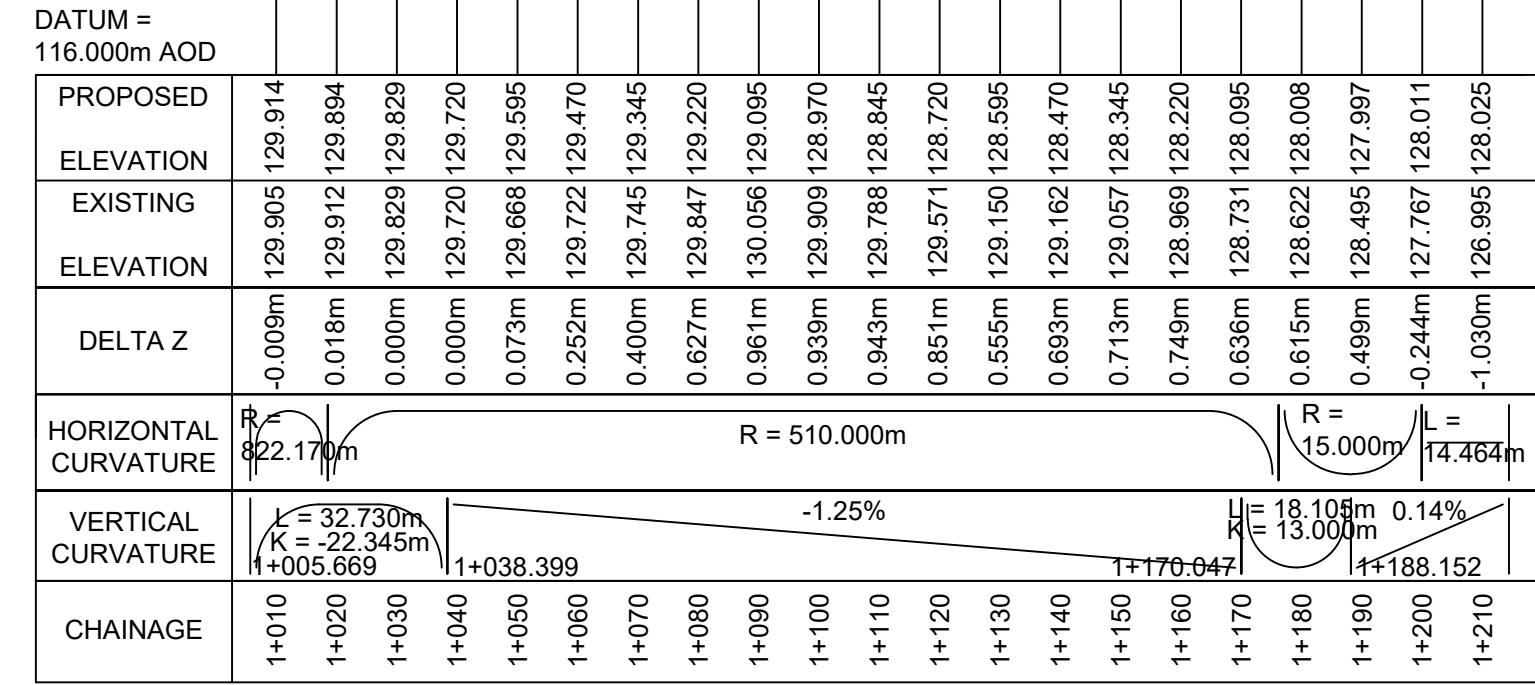
Drawing Title

ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 10 OF 16

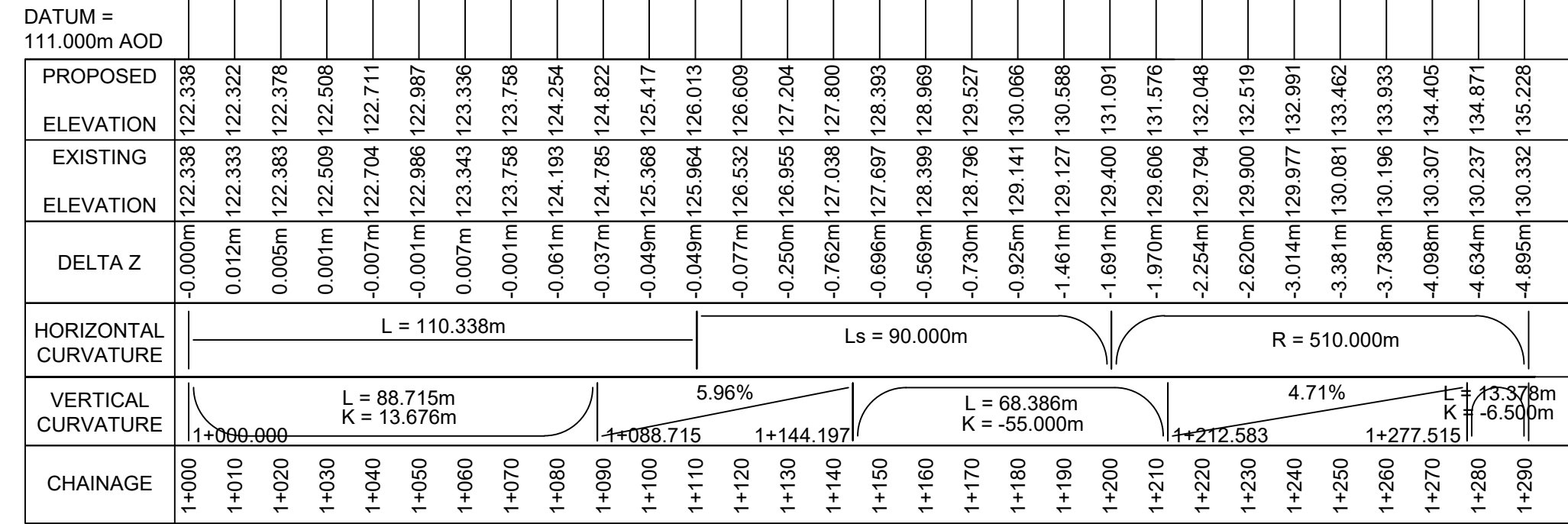
Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20
Internal Project No.	Suitability			
60536736	S8			
Scale @ A1	Zone			
AS SHOWN/HAS SHOWN/V	Development Consent Order			

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Drawing Number	Highways England PIN	I Originator	I Volume	Rev
HE514465	-ACM	-DCO		P02
M54_SW_PR_Z	-DR-CH-1610			
Location	I Type	I Role	I Number	



DESIGN SPEED 100kph
(WORK No. 30)
MILL LANE
LONGITUDINAL SECTION CH. 1005m - CH. 1210m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 85kph
(WORK No. 29)
M6 JUNCTION 11 CANNOCK ROAD
LONGITUDINAL SECTION CH. 1000m - CH. 1290m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

- ## NOTES
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KEY

EXISTING GROUND

PROPOSED GROUND

First Issue	MW RR	13/01/20	P01
Minor amendments.	MW RR	22/01/20	P02
Revision Details	By Check	Date	Suffix

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN

Development Consent Order Number
TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title

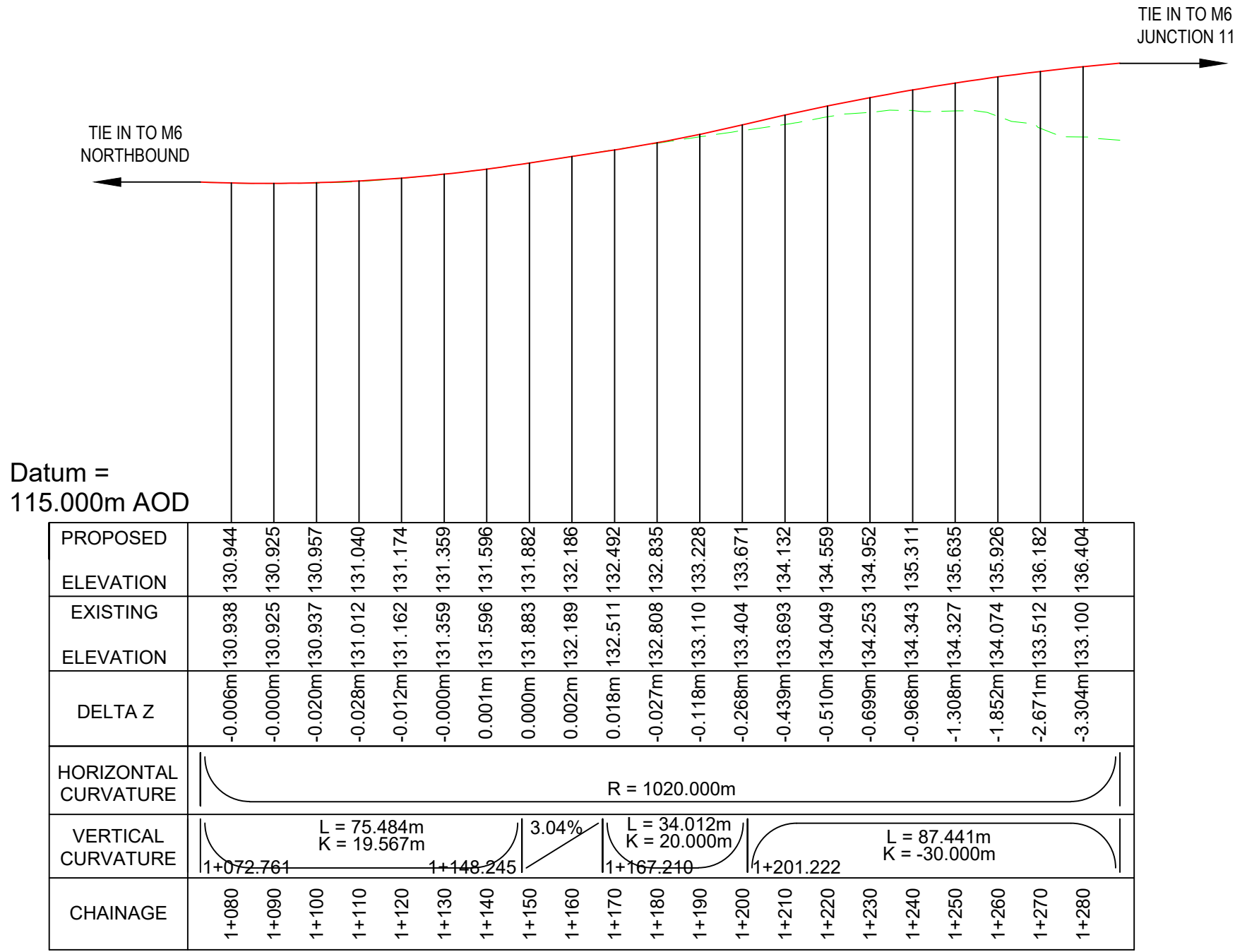
ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 11 OF 16

Designed ---	Drawn MW	Checked AM	Approved RR	Date 22/01/20
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Internal Project No. 60536736	Suitability S8
Scale @ A1 AS SHOWNH/AS SHOWNV	Zone Development Consent Order

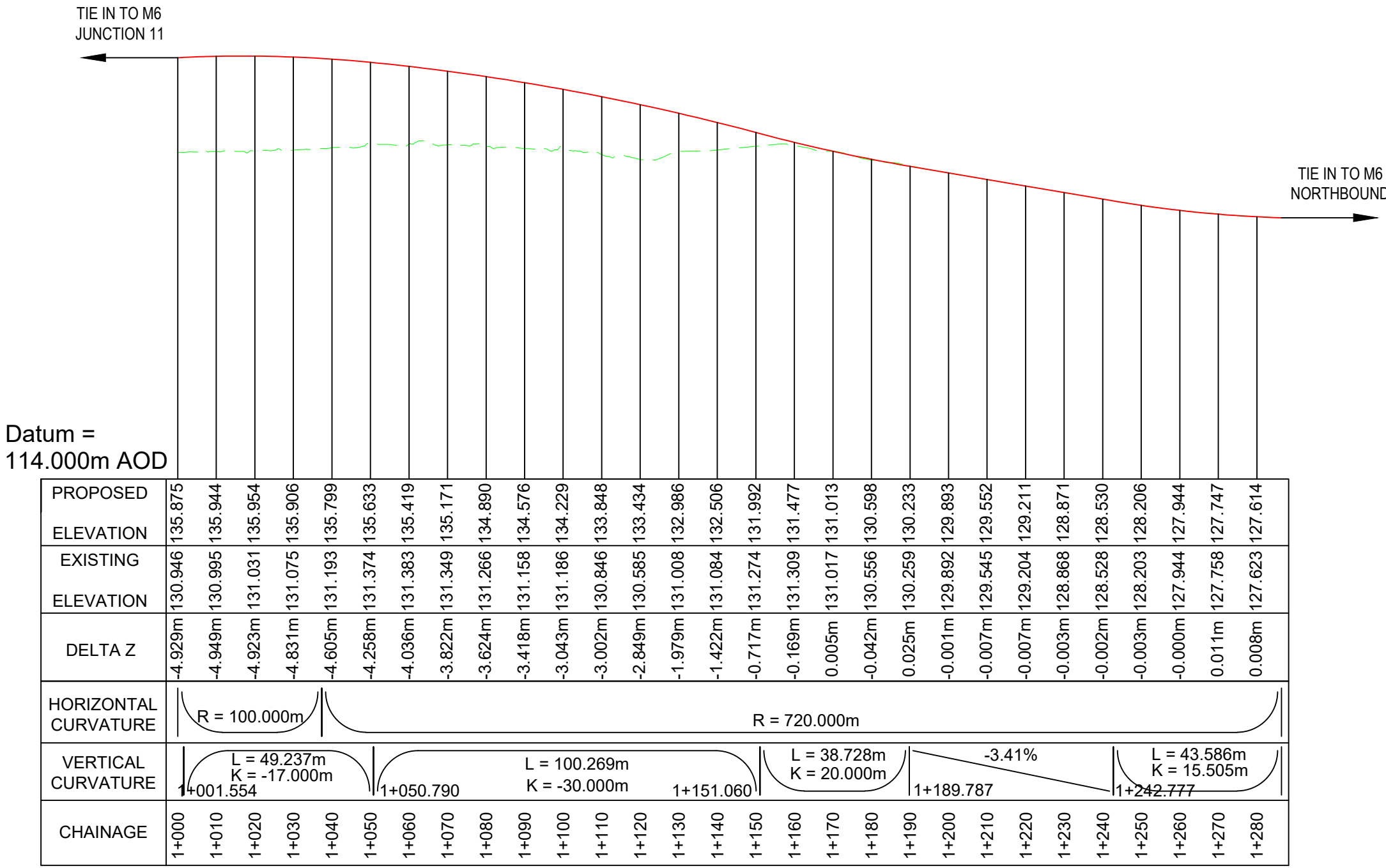
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Drawing Number			Rev
Highways England PIN	I Originator	I Volume	P02
HE514465	-ACM	-DCO -	
M54_SW_PR_Z	-DR-CH-1611		
Location	I Type	I Role	I Number



DESIGN SPEED 70kph
(WORK No. 32)
M6 J11 NORTHBOUND DIVERGE
LONGITUDINAL SECTION CH. 1072m - CH. 1289m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

- NOTES
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- KEY
- EXISTING GROUND
PROPOSED GROUND



DESIGN SPEED 70kph
(WORK No. 33)
M6 J11 NORTHBOUND MERGE
LONGITUDINAL SECTION CH. 1000m - CH. 1286m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

Purpose of issue

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN

Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 12 OF 16

Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20

Internal Project No.
60536736

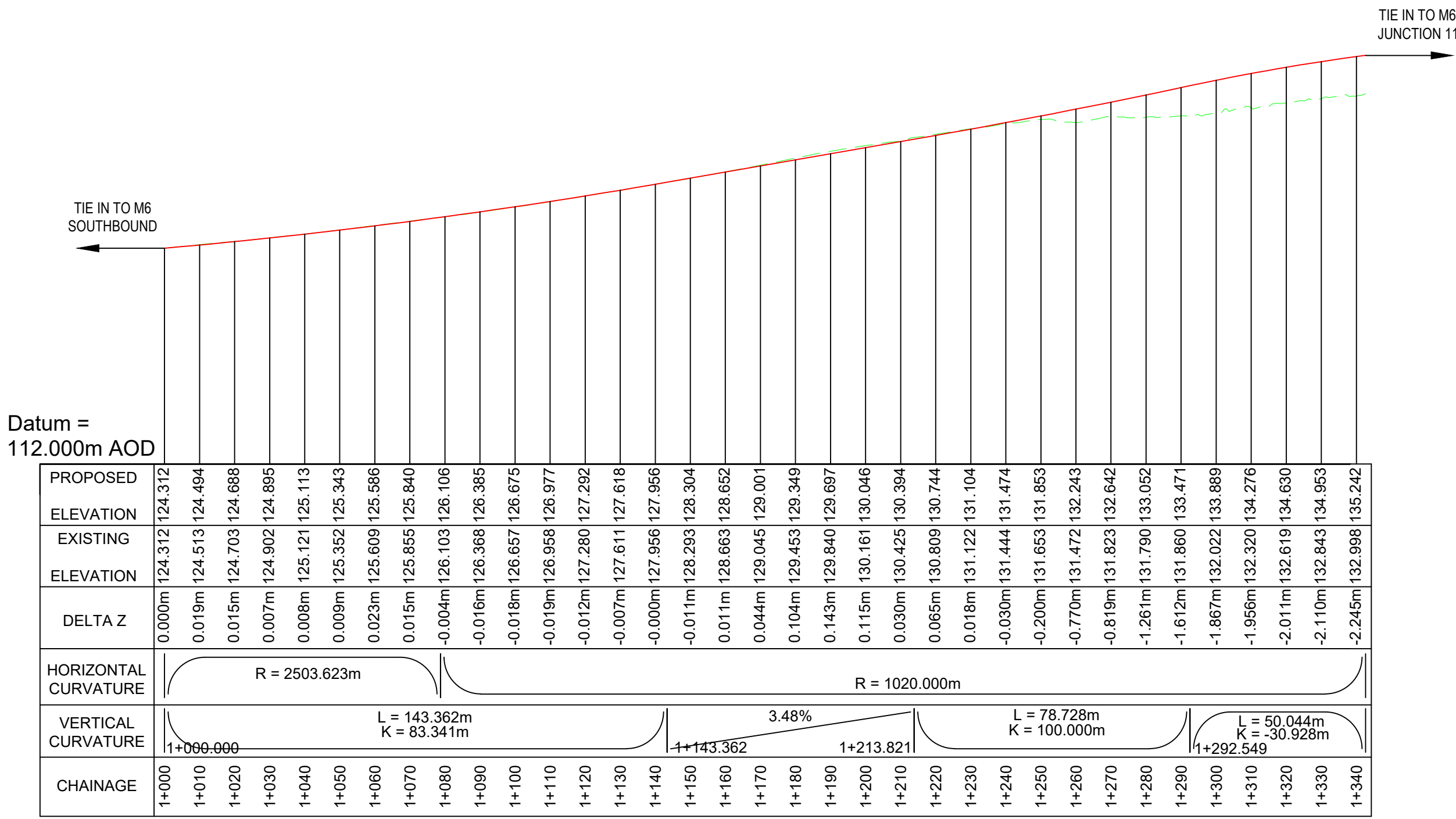
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AS SHOWN/H/AS SHOWN/V

Suitability
S8

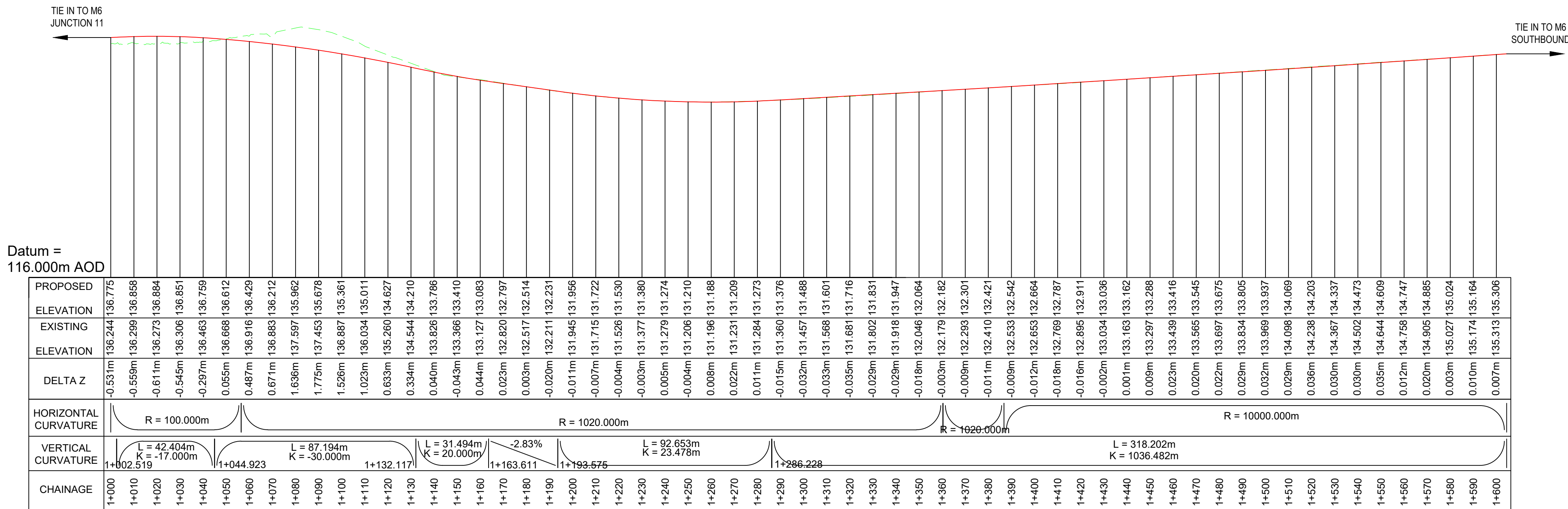
Zone
Development Consent Order

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Drawing Number Highways England PIN HE514465	Originator -ACM	Volume -DCO -	Rev P02
M54_SW_PR_Z	-DR-CH-1612		
Location	I Type	I Role	I Number



DESIGN SPEED 70kph
(WORK No. 35)
M6 J11 SOUTHBOUND DIVERGE
LONGITUDINAL SECTION CH. 1000m - CH. 1340m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 70kph
(WORK No. 34)
M6 J11 SOUTHBOUND MERGE
LONGITUDINAL SECTION CH. 1000m - CH. 1604m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

- NOTES
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- KEY
- EXISTING GROUND
 - PROPOSED GROUND

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

Purpose of Issue		DCO APPLICATION		
Client		Highways England		
Development Consent Order Number		TR010054		

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.10

Drawing Title

ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 13 OF 16

Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	22/01/20
Internal Project No.		Suitability		
60536736		S8		
Scale @ A1		Zone		
AS SHOWN/AS SHOWNV		Development Consent Order		
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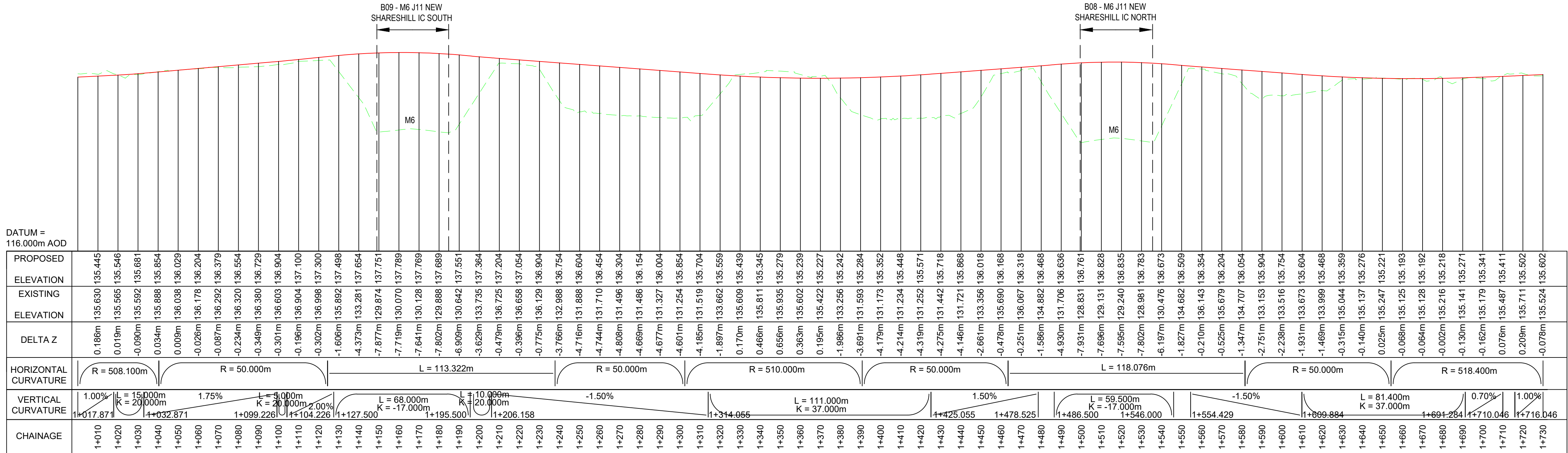
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HE514465	-ACM	-DCO		P02
M54_SW_PR_Z		-DR-CH-1613		
Location	I Type	I Role	I Number	

- NOTES
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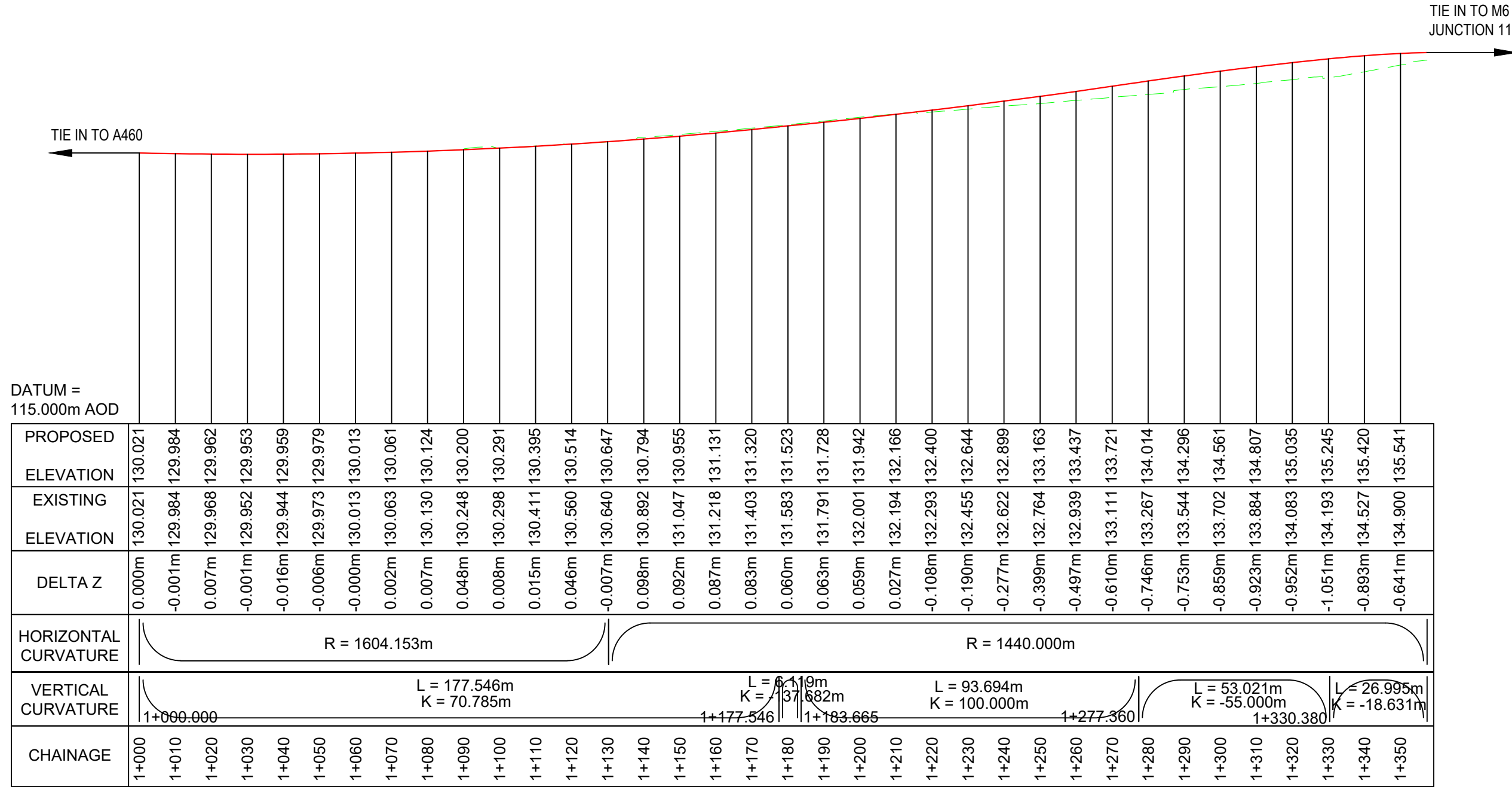
KEY

EXISTING GROUND

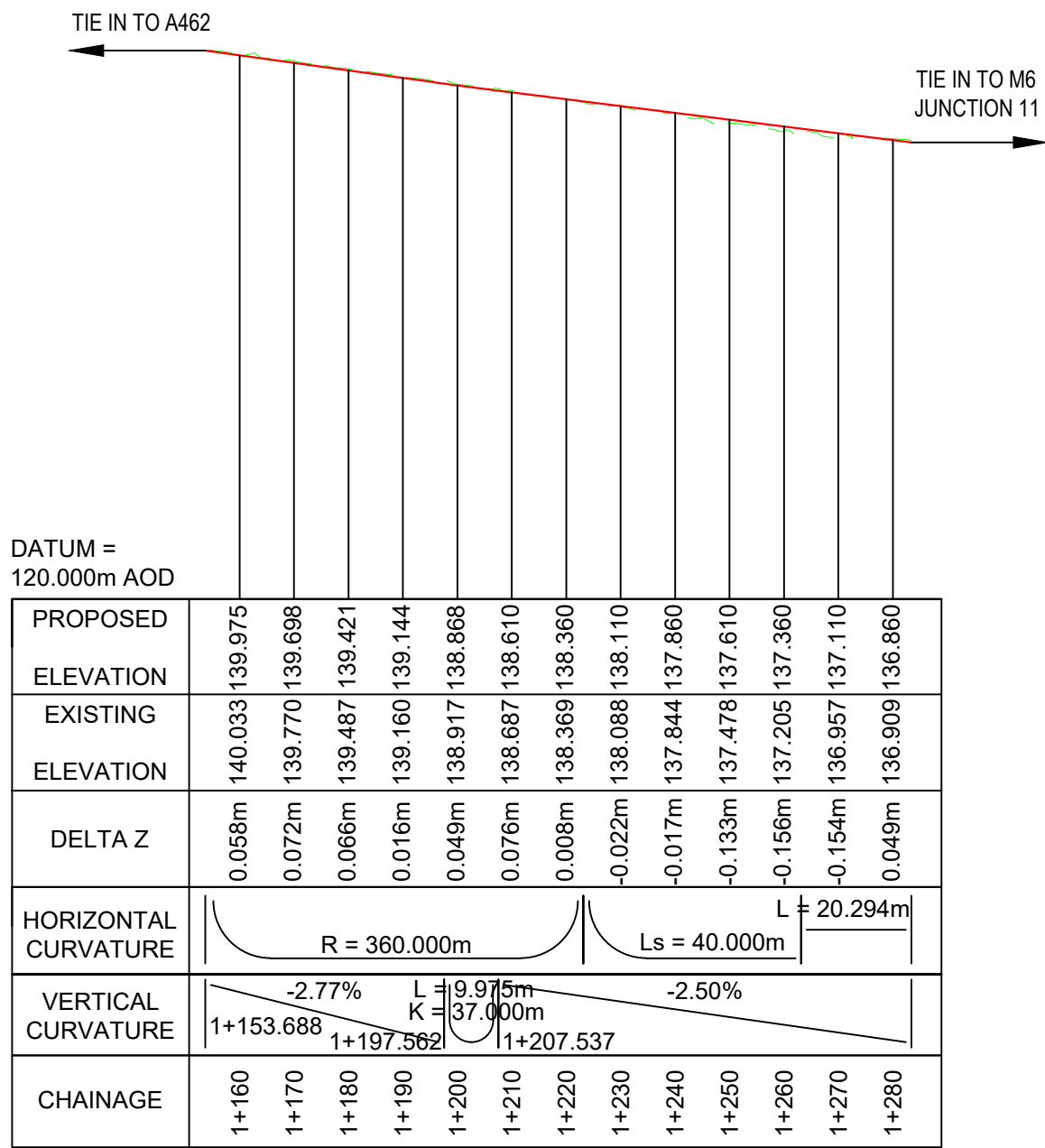
PROPOSED GROUND



DESIGN SPEED 60kph
(WORK No. 36)
M6 JUNCTION 11 CIRCULATORY
LONGITUDINAL SECTION CH. 1000m - CH. 1730m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 85kph
(WORK No. 39)
M6 JUNCTION 11 A460 NORTH ARM
LONGITUDINAL SECTION CH. 1000m - CH. 1357m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250



DESIGN SPEED 100kph
(WORK No. 37)
A462
LONGITUDINAL SECTION CH. 1160m - CH. 1280m
SCALE @ A1 - HORIZ 1:1250 VERT 1:250

First Issue	MW	RR	13/01/20	P01
Minor amendments.	MW	RR	22/01/20	P02
Revision Details	By	Check	Date	Suffix

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number

TR010054

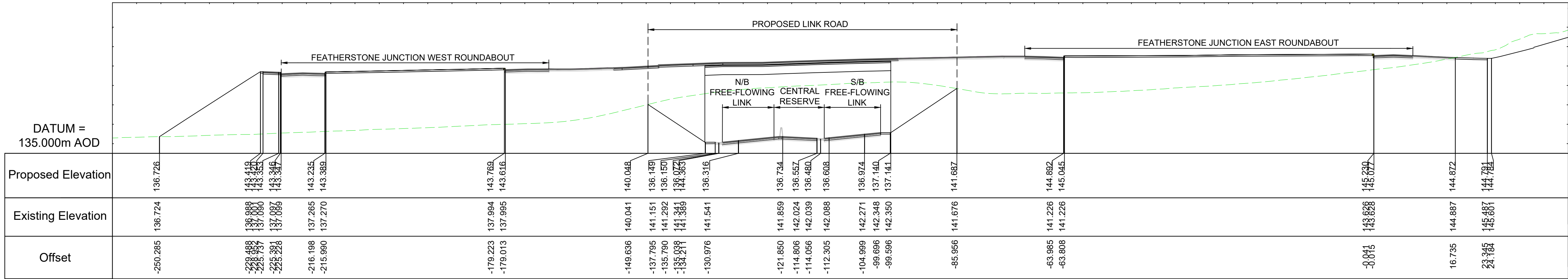
Project Title
M54 to M6 Link Road

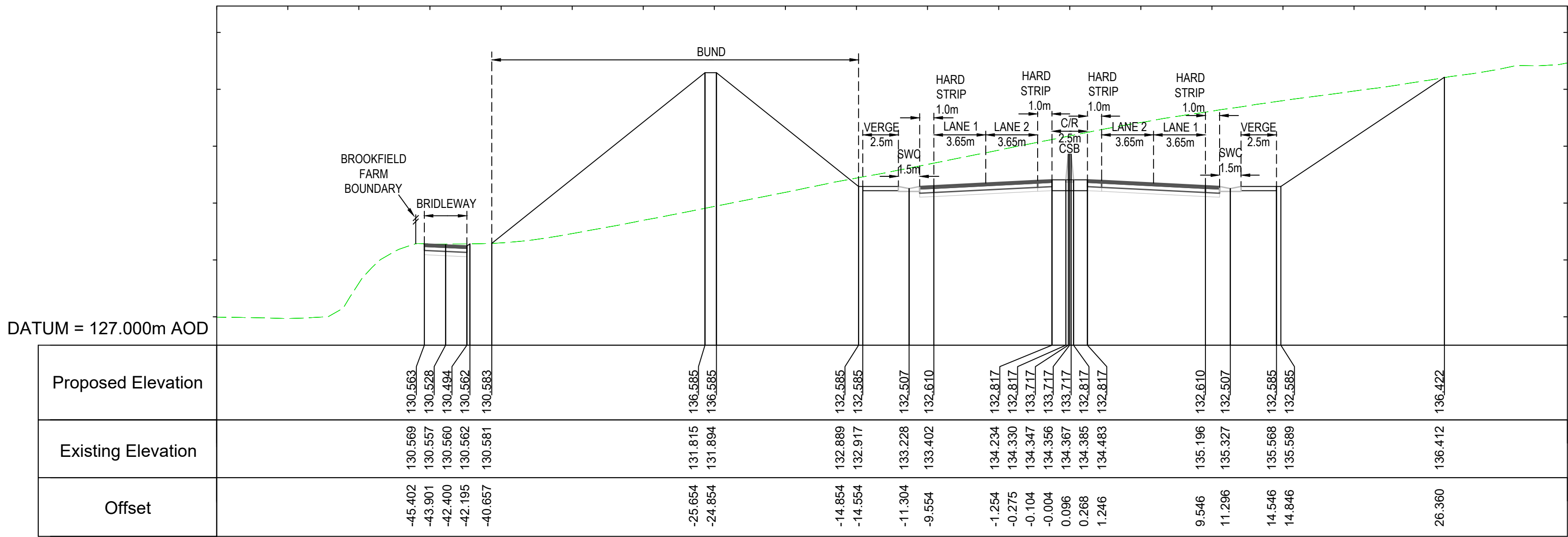
Development Consent Order Number
TR010054/APP/2.10

Drawing Title
ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 14 OF 16

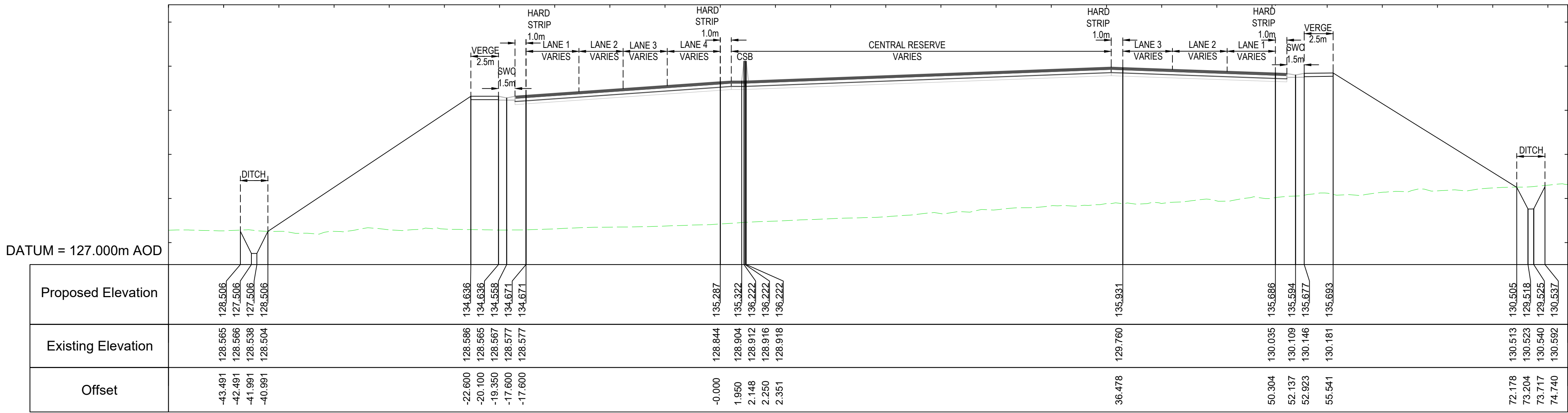
Designed ----	Drawn MW	Checked AM	Approved RR	Date 22/01/20
Internal Project No. 60536736		Suitability S8		
Scale @ A1 AS SHOWN/HAS SHOWNV		Zone Development Consent Order		
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Drawing Number HE514465	Highways England PIN -ACM	I Originator -DCO	I Volume -DR-CH-1614	Rev P02
Location M54_SW_PR_Z	I Type I Role	I Number		



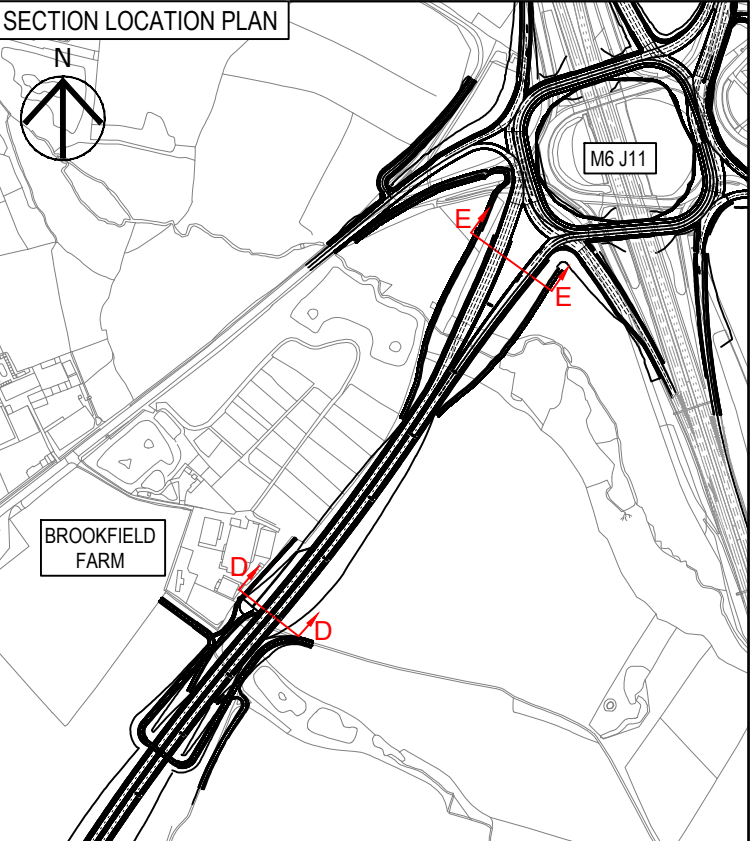


SECTION D-D
Ch. 3293.000m
MAINLINE
V SCALE - 1:125 (VERTICAL EXAGGERATION x2)
H SCALE - 1:250



SECTION E-E
Ch. 3865.000m
MAINLINE
V SCALE - 1:125 (VERTICAL EXAGGERATION x2)
H SCALE - 1:250

- NOTES
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KEY

- EXISTING GROUND
- PROPOSED GROUND

First Issue	MW	20/01/20	P01
Revision Details	By	RR	Date
	Check		Suffix

Purpose of Issue

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN

Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.10

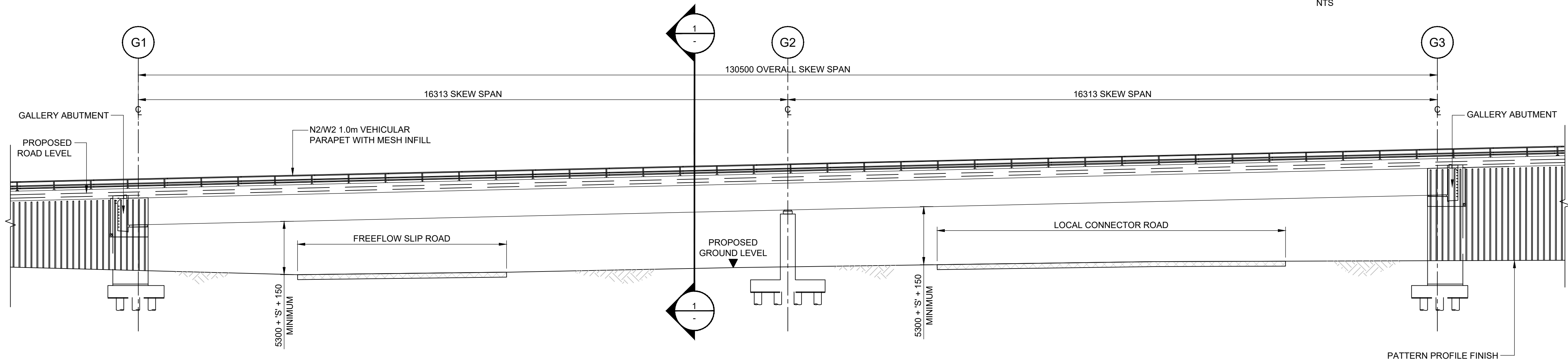
Drawing Title

ENGINEERING SECTIONS
REGULATION 5(2)(O)
SHEET 16 OF 16

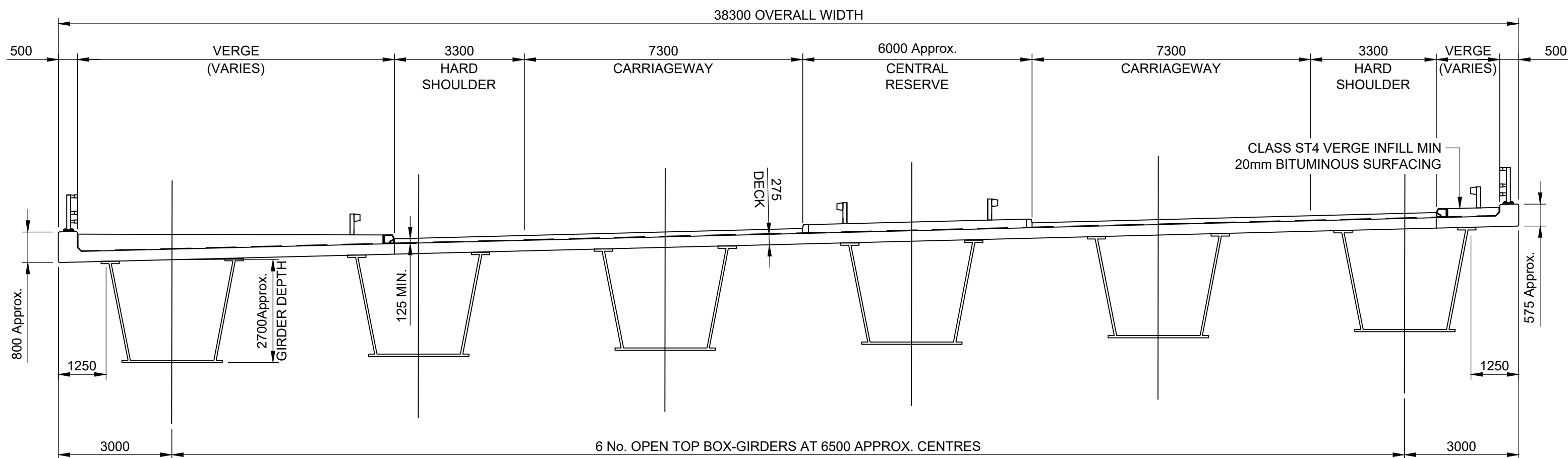
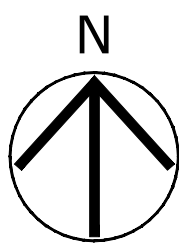
Designed	Drawn	Checked	Approved	Date
---	MW	AM	RR	20/01/20
Internal Project No.	Suitability	Zone	Development Consent Order	
60536736	S8			
Scale @ A1	AS SHOWNH/AS SHOWNV			
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Drawing Number	Highways England PIN	I Originator	I Volume	Rev
HE514465	-ACM	-DCO		P01
M54_SW_PR_Z		-DR-CH-1616		
Location	I Type	I Role	I Number	



3D VISUALISATON
NTS



ELEVATION A
Scale 1:250



SECTION 1-1
Scale 1:100



KEY PLAN
Scale 1:2000

- NOTES
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 5. THE WORKS ARE SHOWN ILLUSTRATIVELY ONLY AND ARE SUBJECT TO CHANGE THROUGH DETAILED DESIGN IN ACCORDANCE WITH THE TERMS OF THE DEVELOPMENT CONSENT ORDER.

FIRST ISSUE	By	BR	23/01/20	P01
Revision Details	Check		Date	Suffix

Purpose of issue
DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

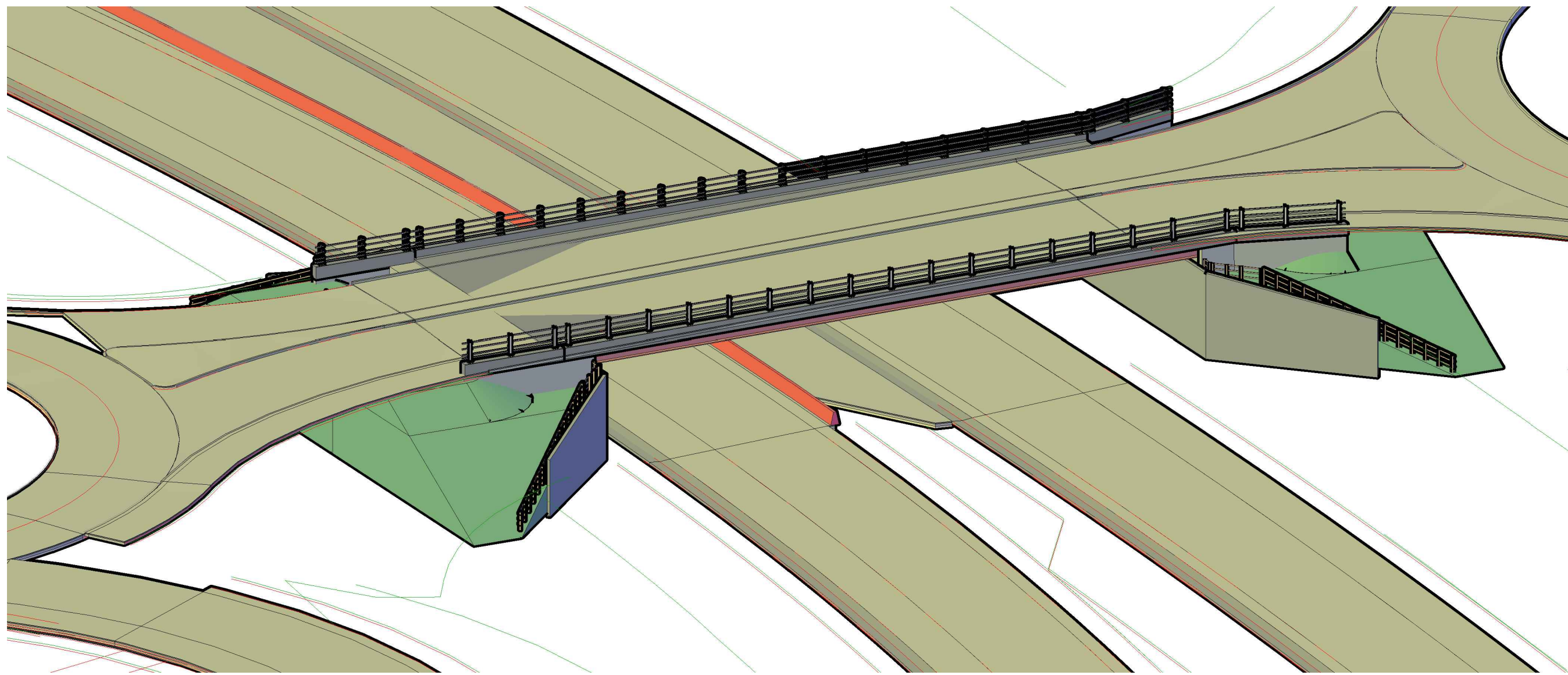
Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
**BRIDGE B01
M54 J1 FREE FLOW LINK
UNDERBRIDGE**

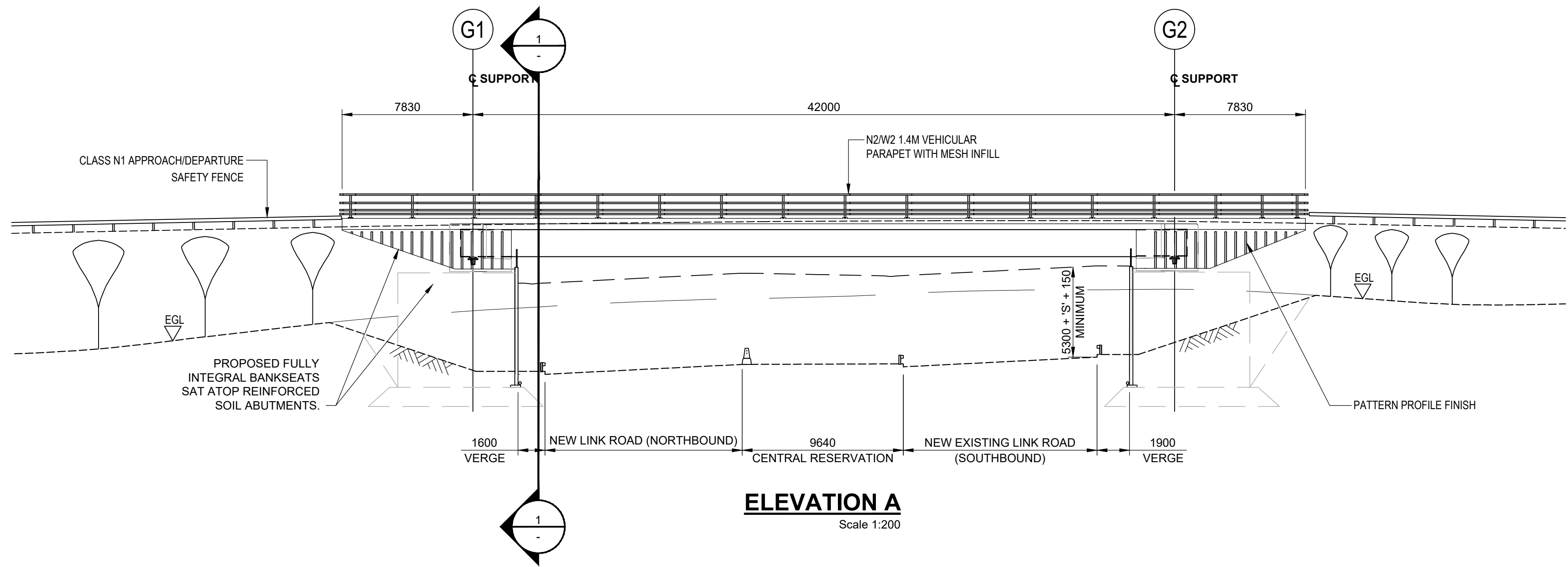
Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
Internal Project No. 60536736			Suitability S8	
Scale @ A1			Zone Development Consent Order	

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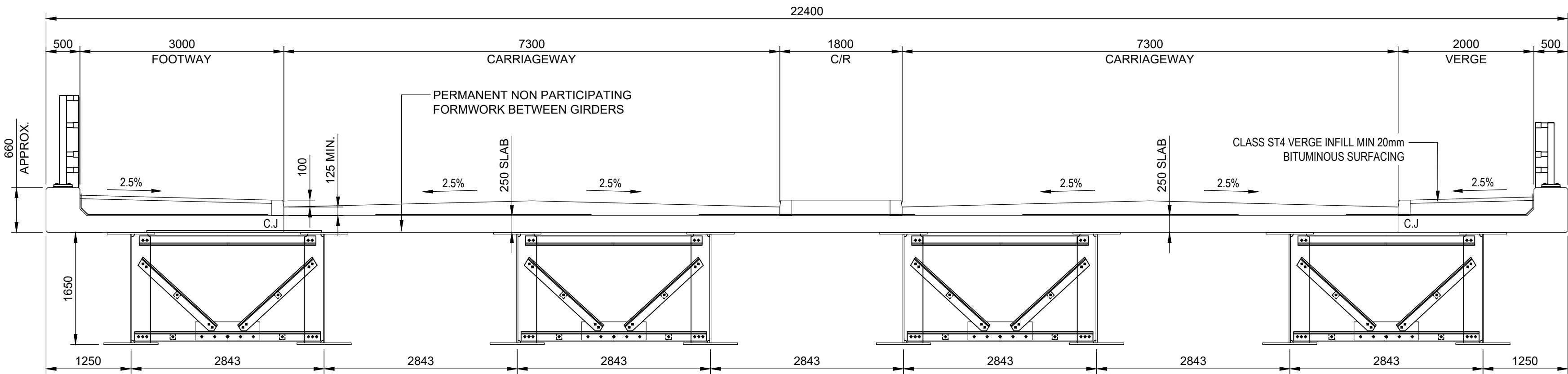
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Z1_BR_B01_Z	-DR-CB-1001	I Type I Role I Number	



3D VISUALISATON
NTS



ELEVATION A
Scale 1:200



SECTION 1-1
Scale 1:50



KEY PLAN
Scale 1:2000

- NOTES
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First Issue	By	BR	23/01/20	P01
Revision Details	Check		Date	Suffix

Purpose of issue
DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
BRIDGE B03
FEATHERSTONE JUNCTION
OVERBRIDGE

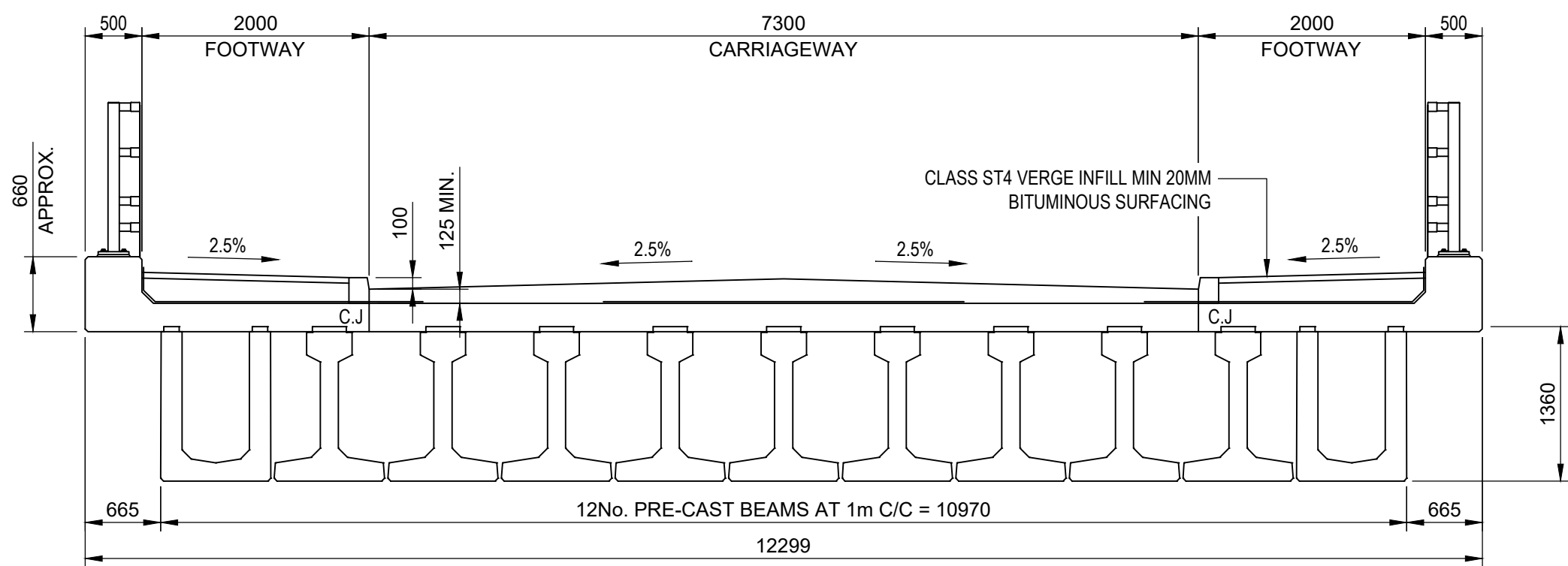
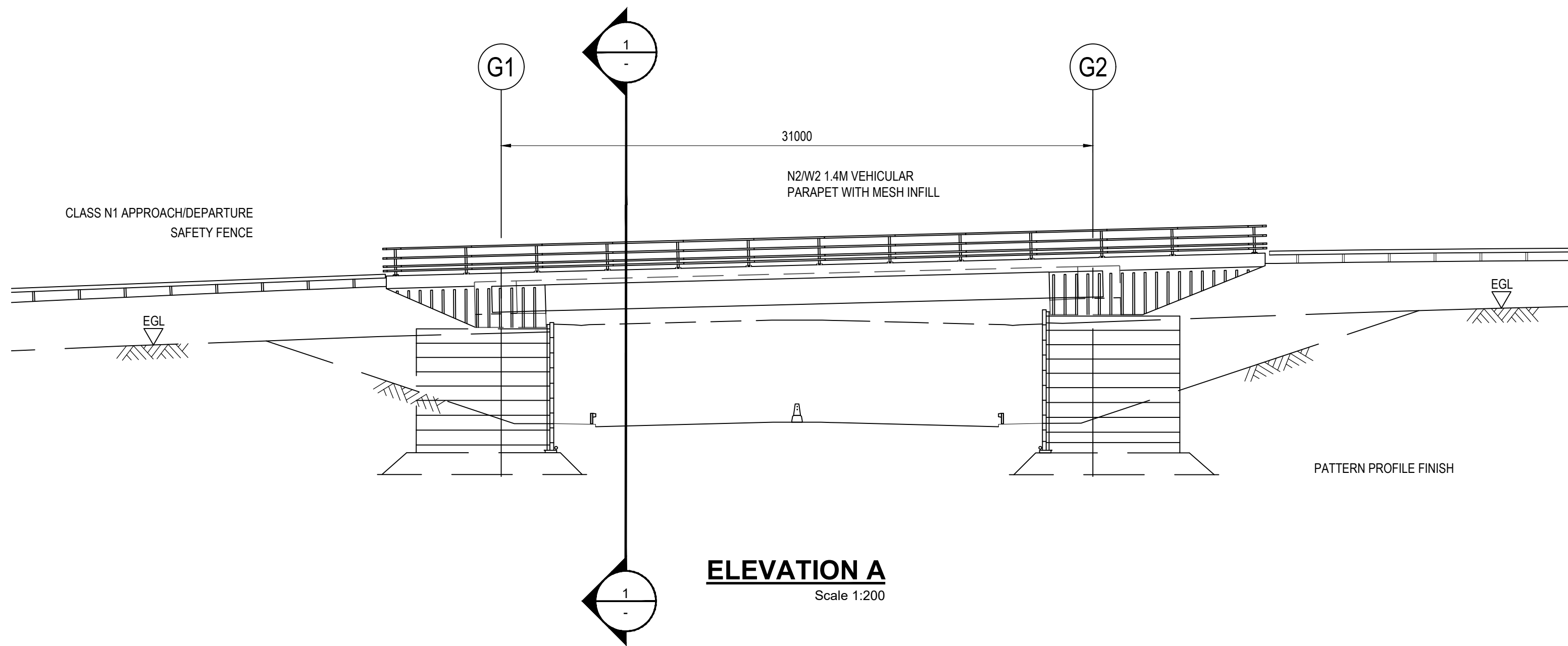
Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
Internal Project No. 60536736			Suitability S8	
Scale @ A1			Zone Development Consent Order	

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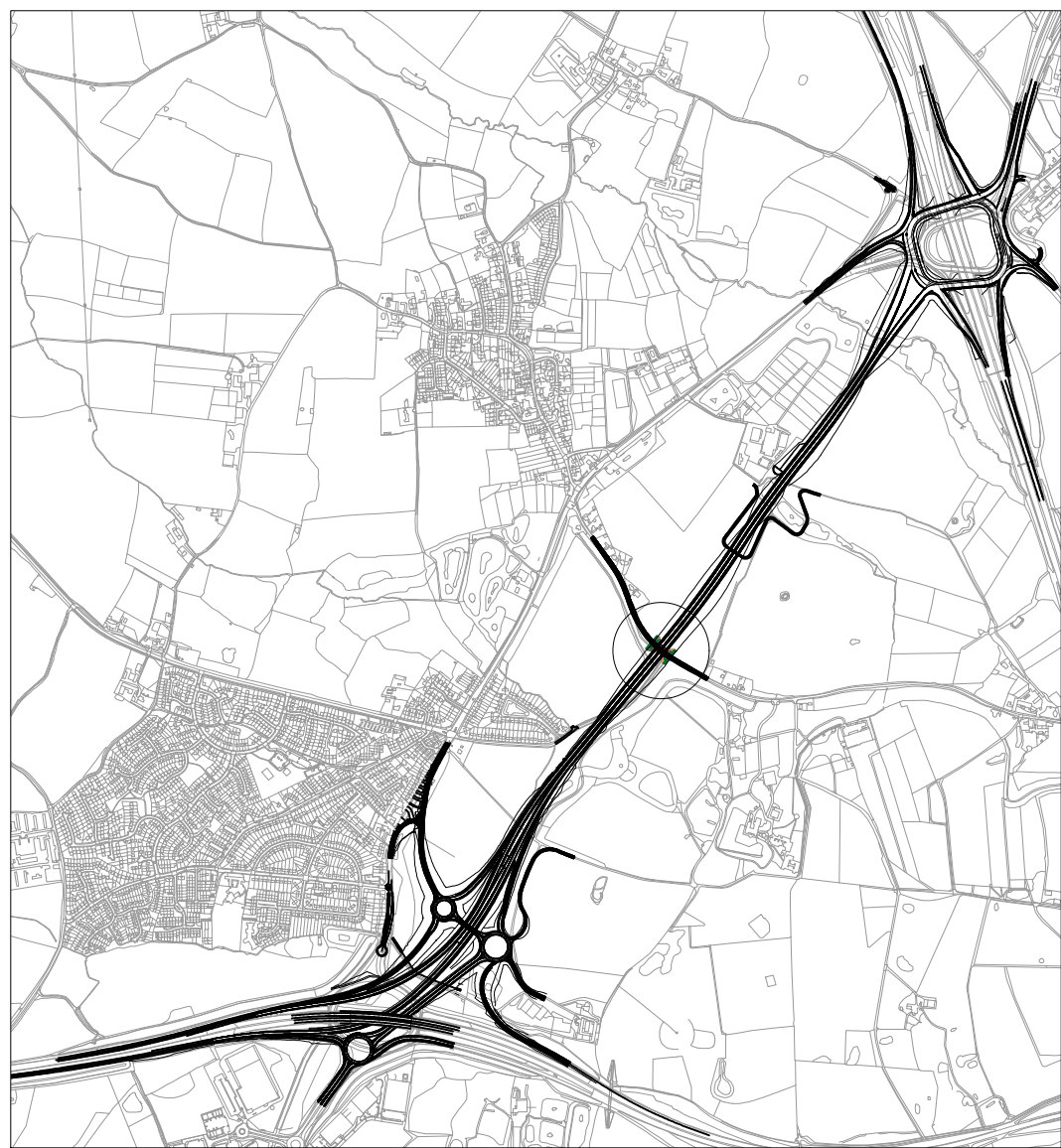
Drawing Number HE514465 -ACM -DCO - Z1 BR_B03_Z	1 Originator 1 Volume	Rev P01
Location	1 Type 1 Role 1 Number	



3D VISUALISATON
NTS



SECTION 1-1
Scale 1:50



KEY PLAN
Scale 1:2000

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First Issue	By	BR	23/01/20	P01
Revision Details	Check		Date	Suffix

Purpose of issue
DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
BRIDGE B05
HILTON LANE
OVERBRIDGE

Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
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Internal Project No. 60536736	Suitability S8
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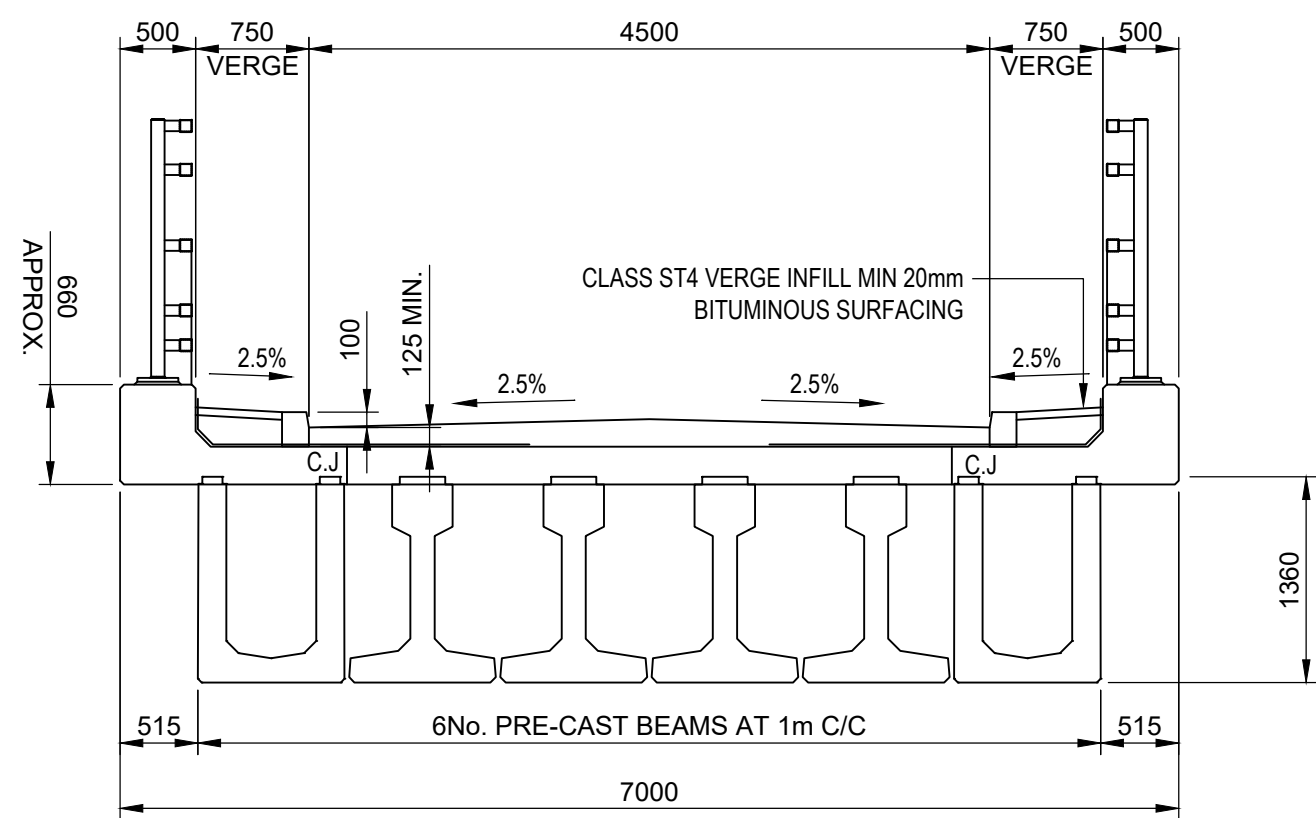
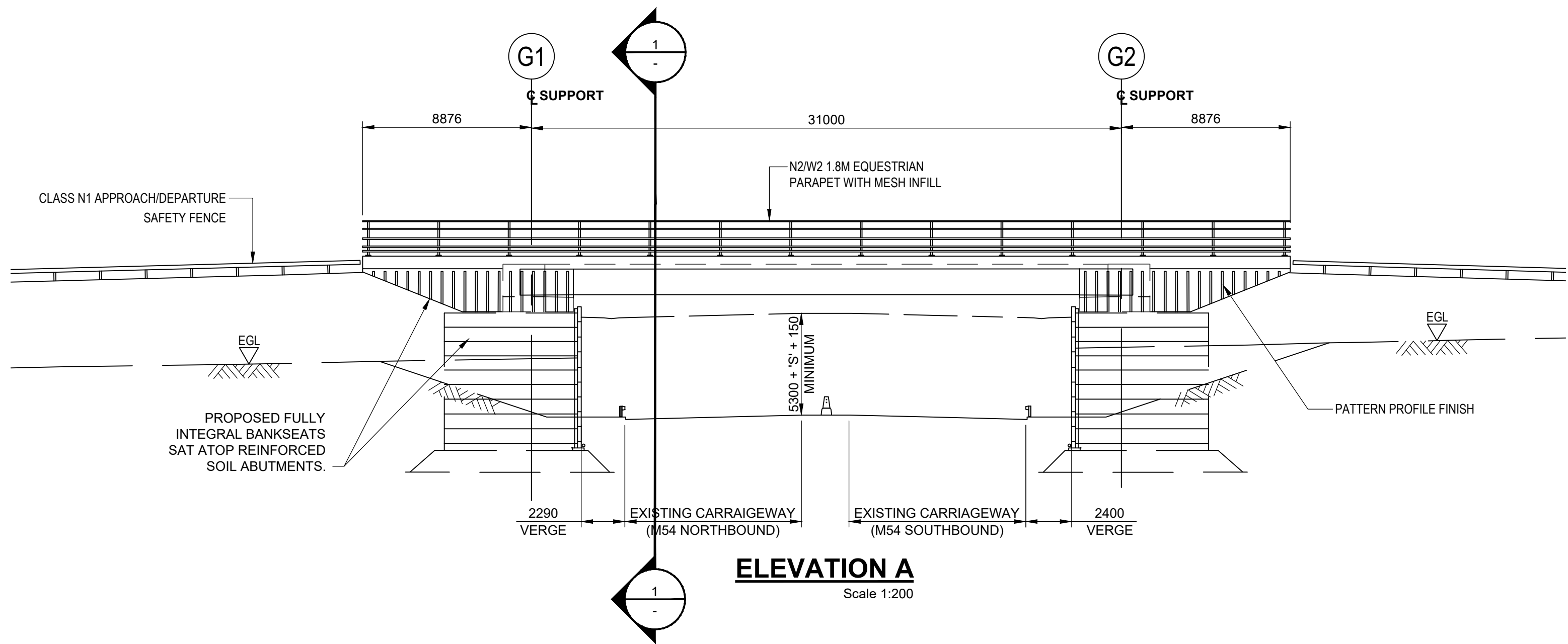
Scale @ A1	Zone Development Consent Order
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Drawing Number HE514465 -ACM -DCO - Z2 BR_B05_Z	1 Originator 1 Volume -DR-CB-1001	Rev P01
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3D VISUALISATON
NTS



KEY PLAN
Scale 1:2000

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First Issue	By	BR	23/01/20	P01
Revision Details	Check		Date	Suffix

Purpose of issue
DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

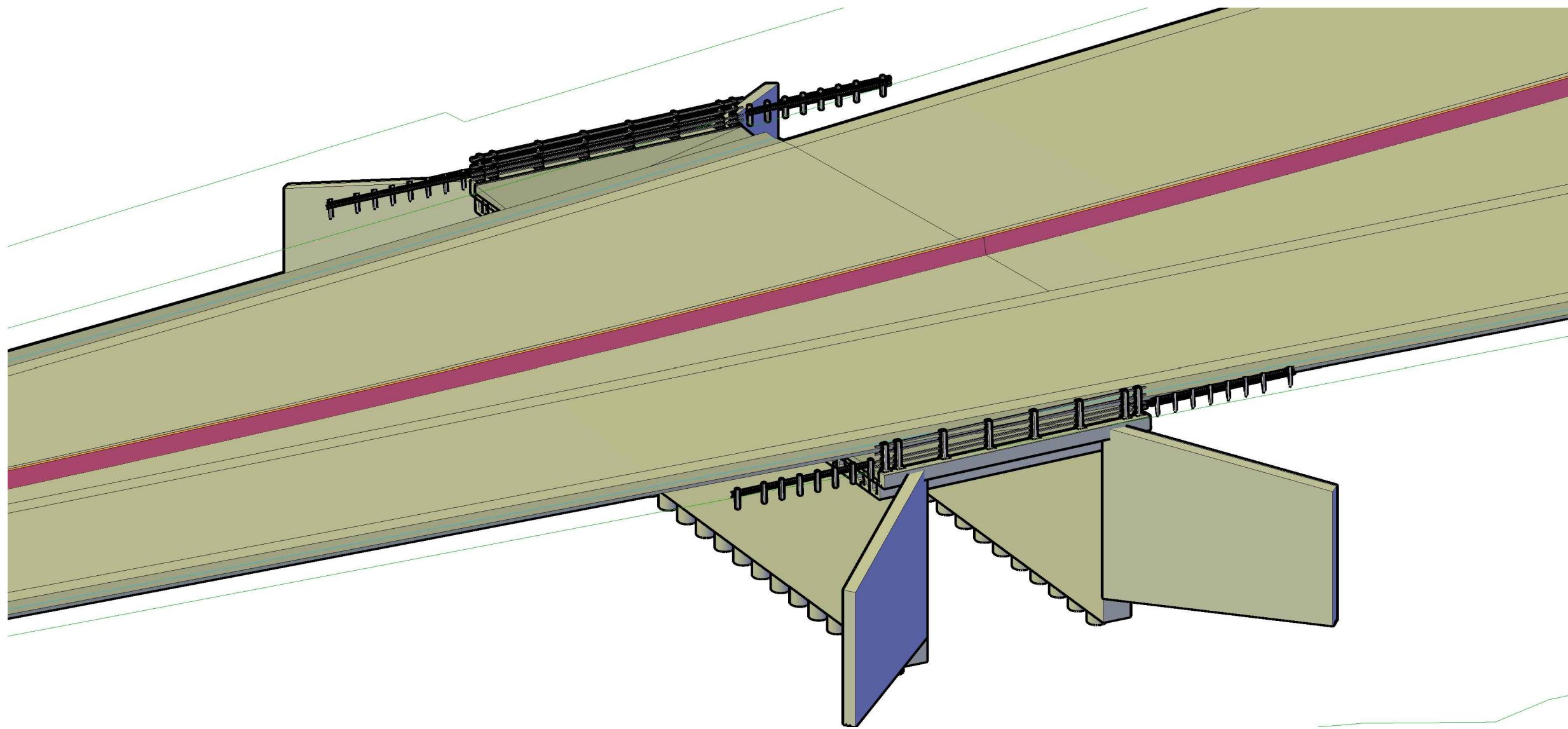
Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
**BRIDGE B06
RIDE FARM
ACCOMODATION BRIDGE**

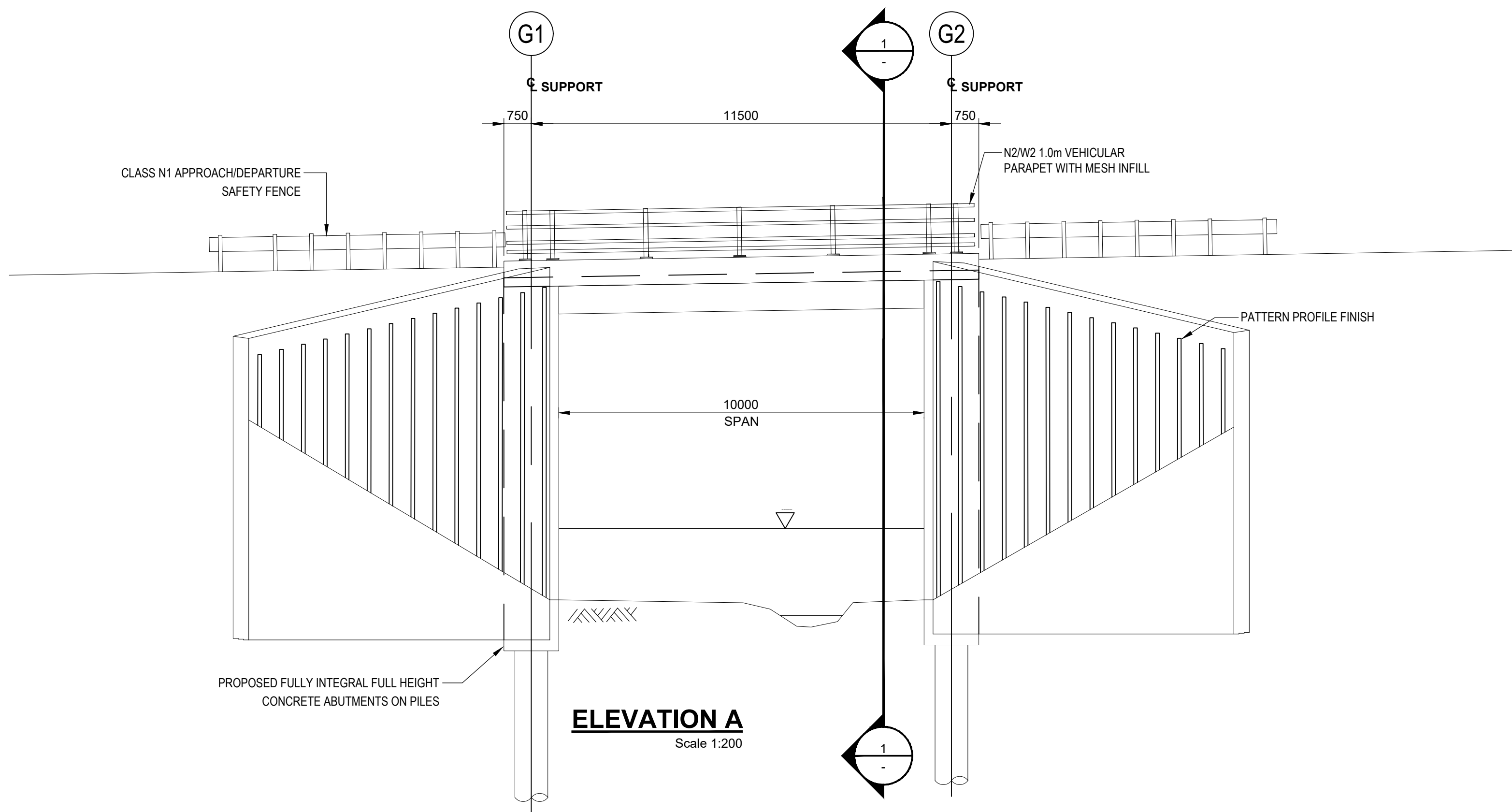
Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
Internal Project No. 60536736	Suitability S8			
Scale @ A1	Zone Development Consent Order			

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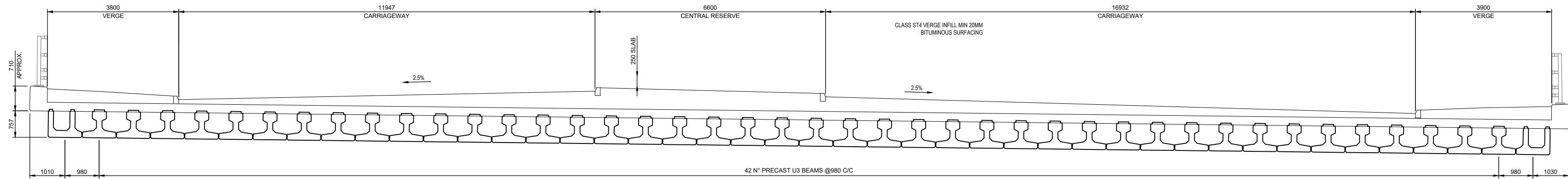
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Z2 BR_B06_Z	-DR-CB-1001	I Type I Role I Number	



3D VISUALISATON
NTS



ELEVATION A
Scale 1:200



SECTION 1-1
Scale 1:100



KEY PLAN
Scale 1:2000

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First Issue	By	BR	23/01/20	P01
Revision Details	Check		Date	Suffix

Purpose of issue
DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
BRIDGE B07
SHARESHILL
FLOOD CROSSING

Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
Internal Project No. 60536736	Suitability S8			
Scale @ A1		Zone Development Consent Order		

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Drawing Number HE514465	I Originator -ACM	I Volume -DCO -	Rev P01
Z2 BR_B07_Z	-DR-CB-1001		
Location	I Type	I Role	I Number

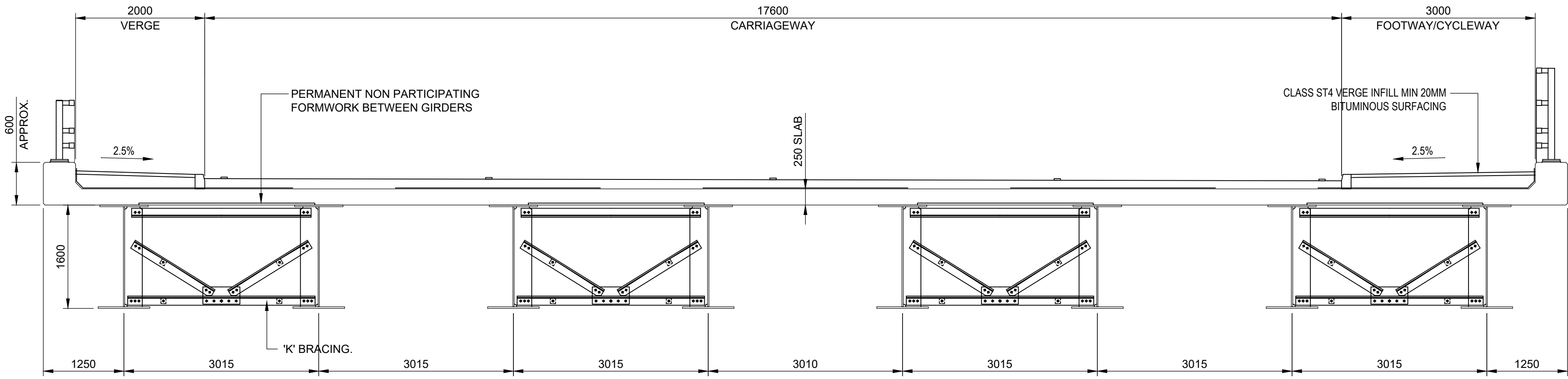
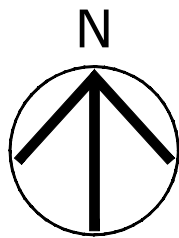


3D VISUALISATON (LOOKING NORTH)

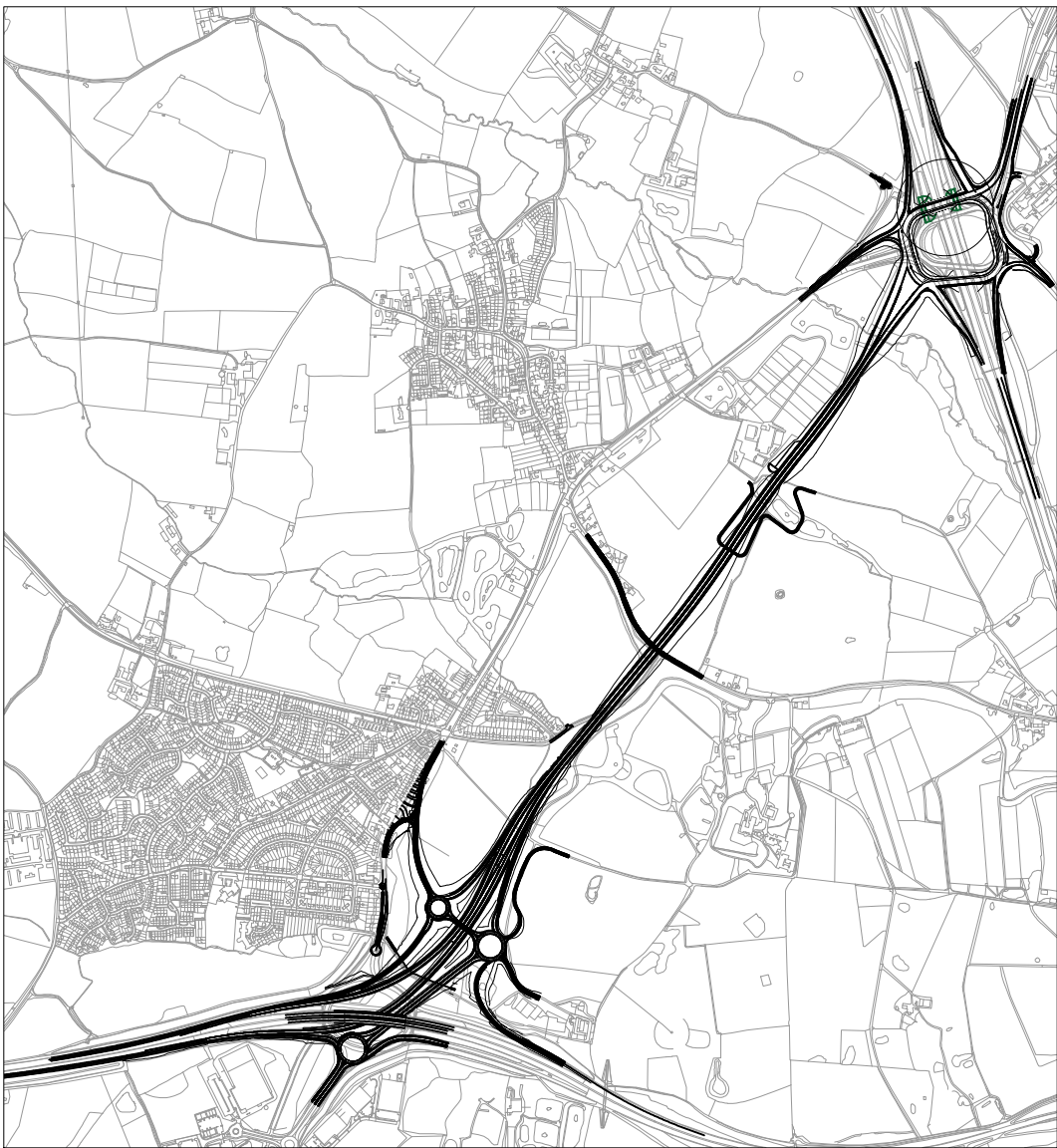
NTS



ELEVATION A
Scale 1:200



SECTION 1-1
Scale 1:50



KEY PLAN

Scale 1:2000

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First Issue	By	BR	23/01/20	P01
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Purpose of issue

DCO APPLICATION

Client
Highways England
Floor 5
Two Colmore Square
38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Development Consent Order Drawing Number

TR010054/APP/2.10

Drawing Title

BRIDGE B08
M6 J11 NEW SHARESHILL
INTERCHANGE (NORTH)

Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
Internal Project No. 60536736			Suitability S8	Development Consent Order
Scale @ A1			Zone	

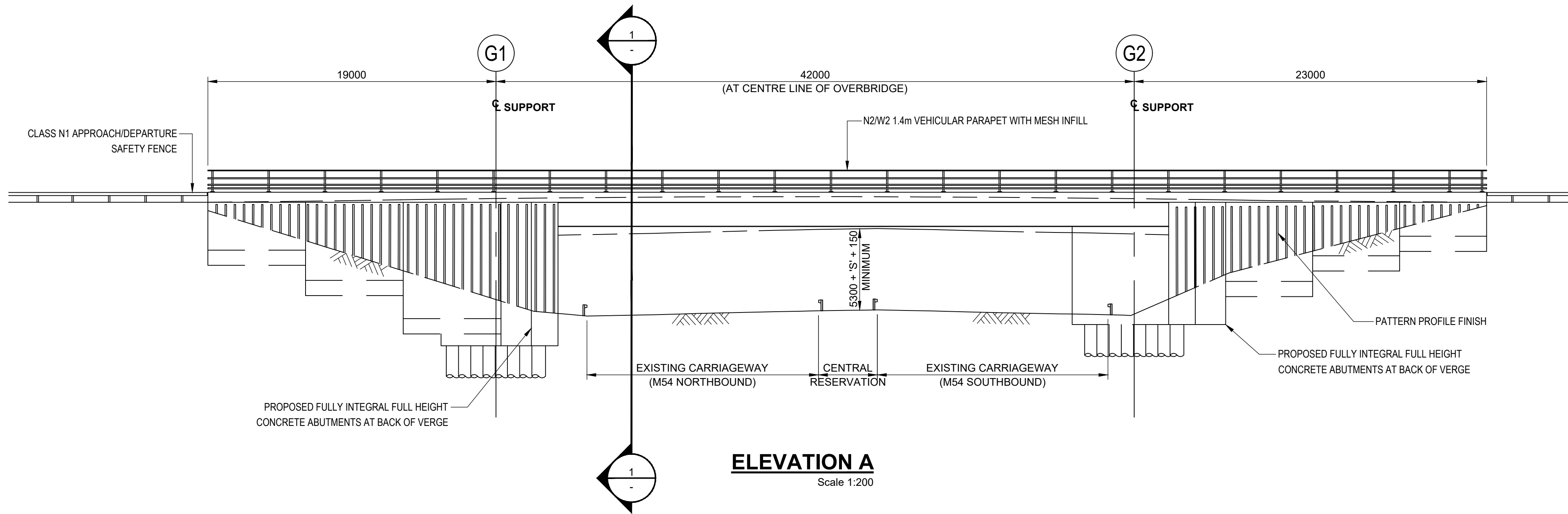
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Drawing Number HE514465 -ACM	I Originator	I Volume -DCO -	Rev
Z3 BR_B08_Z	I Type	-DR-CB-1001	P01
Location	I Role	I Number	

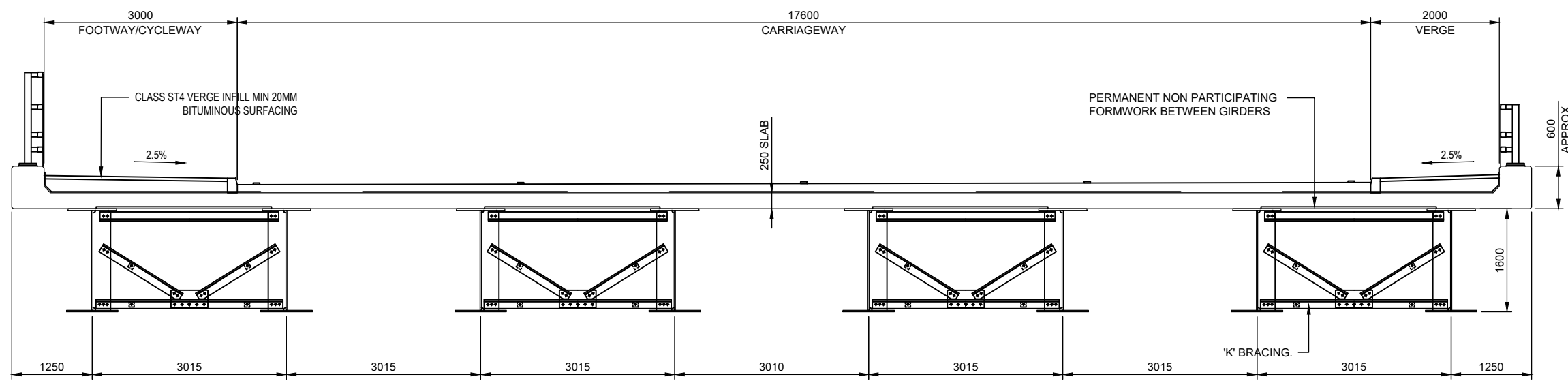
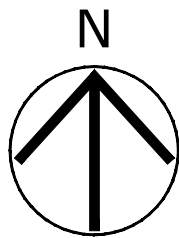


3D VISUALISATON (LOOKING SOUTH)

NTS



ELEVATION A
Scale 1:200



SECTION 1-1
Scale 1:50



KEY PLAN

Scale 1:2000

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First Issue	By	BR	23/01/20	P01
Revision Details	Check		Date	Suffix

Purpose of issue
DCO APPLICATION

Client
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Floor 5
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38 Colmore Circus
Birmingham
B4 6BN



Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Development Consent Order Drawing Number
TR010054/APP/2.10

Drawing Title
BRIDGE B09
M6 J11 NEW SHARESHILL
INTERCHANGE (SOUTH)

Designed BR	Drawn	Checked	Approved BR	Date 23/01/20
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Internal Project No. 60536736	Suitability S8
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Scale @ A1	Zone Development Consent Order
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Drawing Number HE514465 -ACM	I Originator	I Volume -DCO-	Rev P01
Z3 BR_B09_Z	I Type	-DR-CB-1001	
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