

A12 Chelmsford to A120 widening scheme

TR010060

2.11 ENGINEERING SECTION DRAWINGS PART 3

APFP Regulation 5(2)(o), 5(2)(p) and 6(2)

Planning Act 2008

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

Volume 2

August 2022

Infrastructure Planning

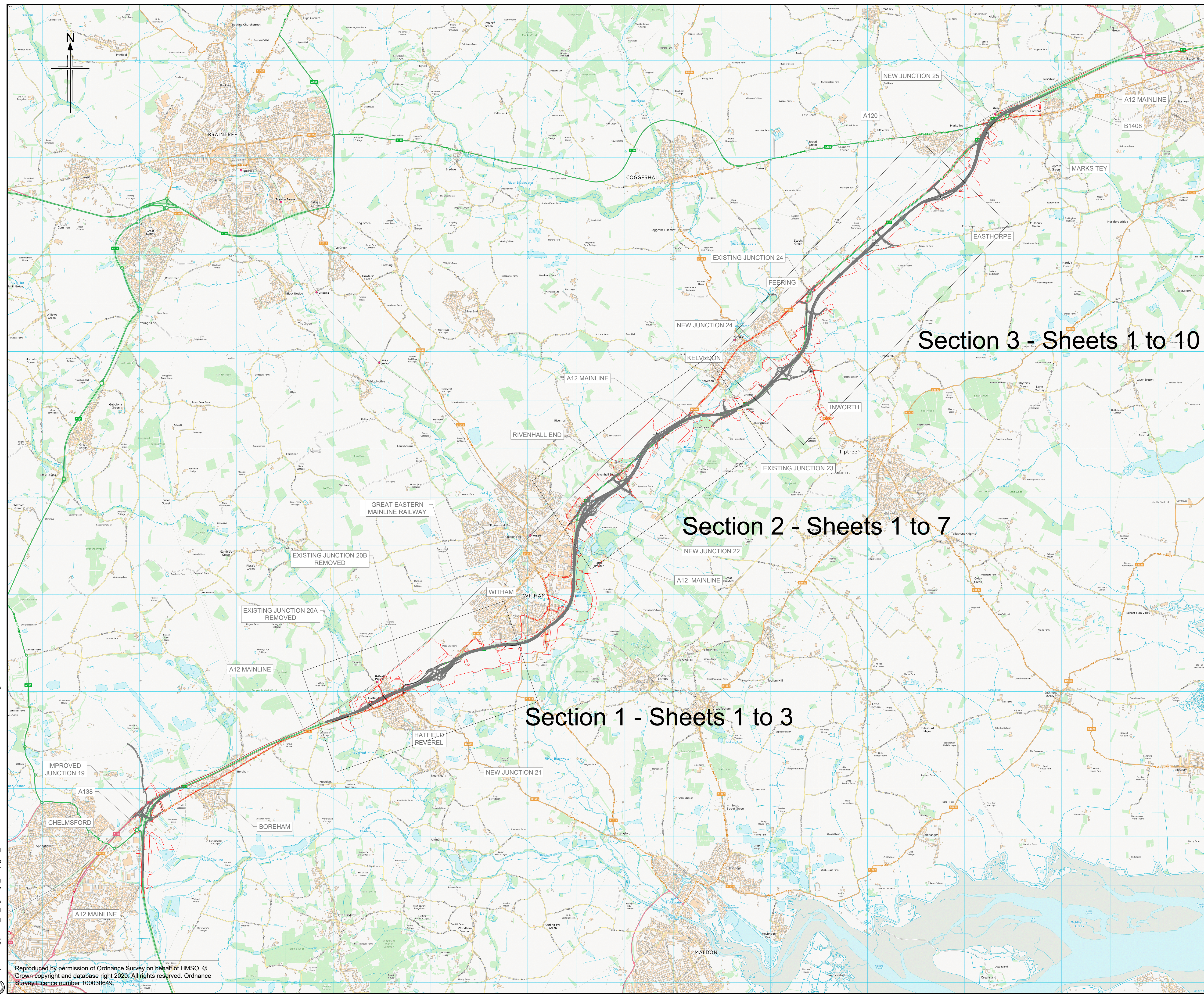
Planning Act 2008

A12 Chelmsford to A120 widening scheme Development Consent Order 202[]

ENGINEERING SECTION DRAWINGS PART 3

Regulation Reference:	Regulation 5(2)(o), 5(2)(p) and 6(2)
Planning Inspectorate Scheme Reference	TR010060
Application Document Reference	TR010060/APP/2.11
Author:	A12 Project Team, National Highways

Version	Date	Status of Version
P01	August 2022	DCO Application



NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER PLAN APPLICATION DOCUMENTS, IN PARTICULAR, SCHEDULE 3 OF THE DEVELOPMENT CONSENT ORDER.

Legend

— ORDER LIMITS

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
 Development Consent Order Drawing Number: TR010060/APP/2.11

Client:

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

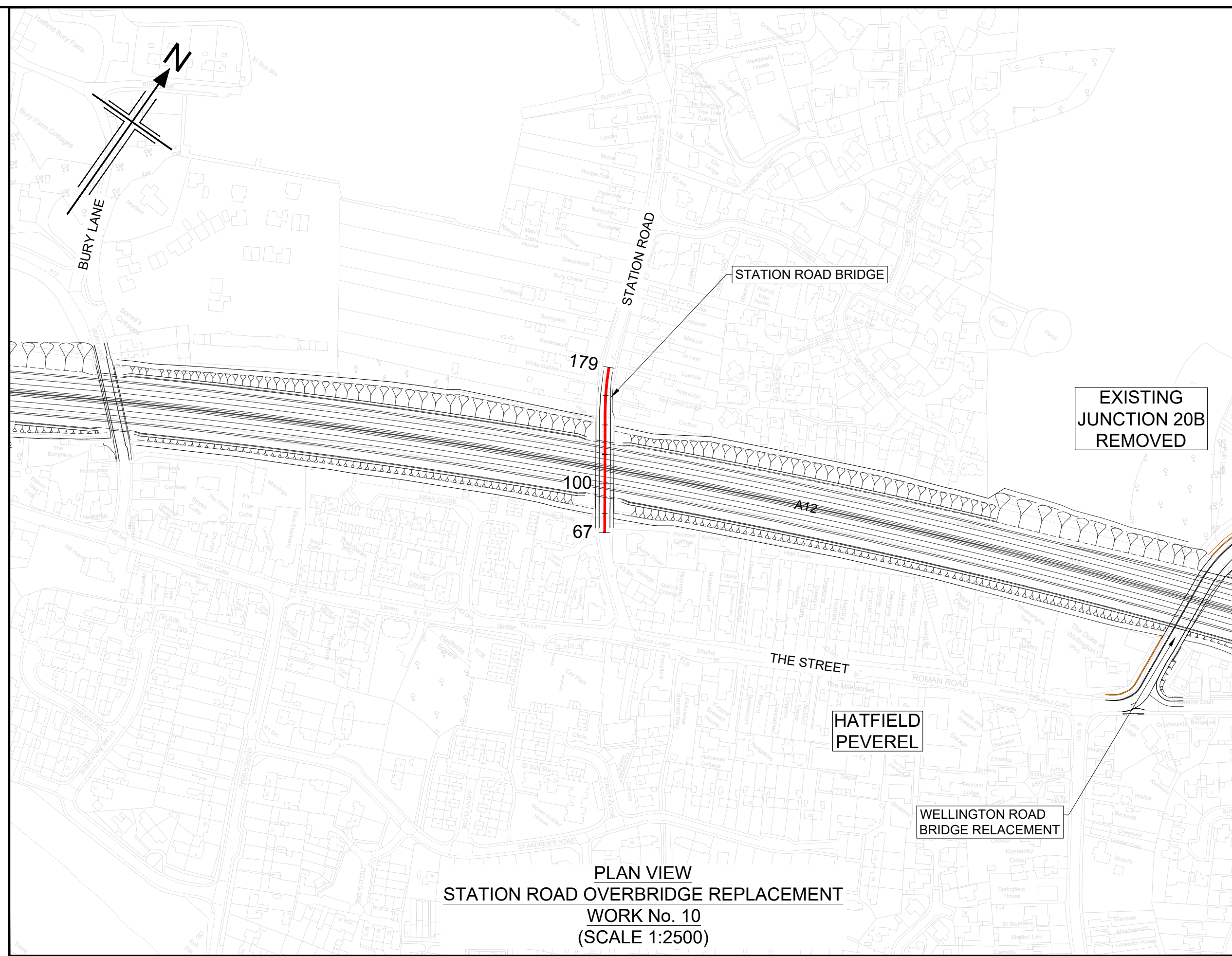
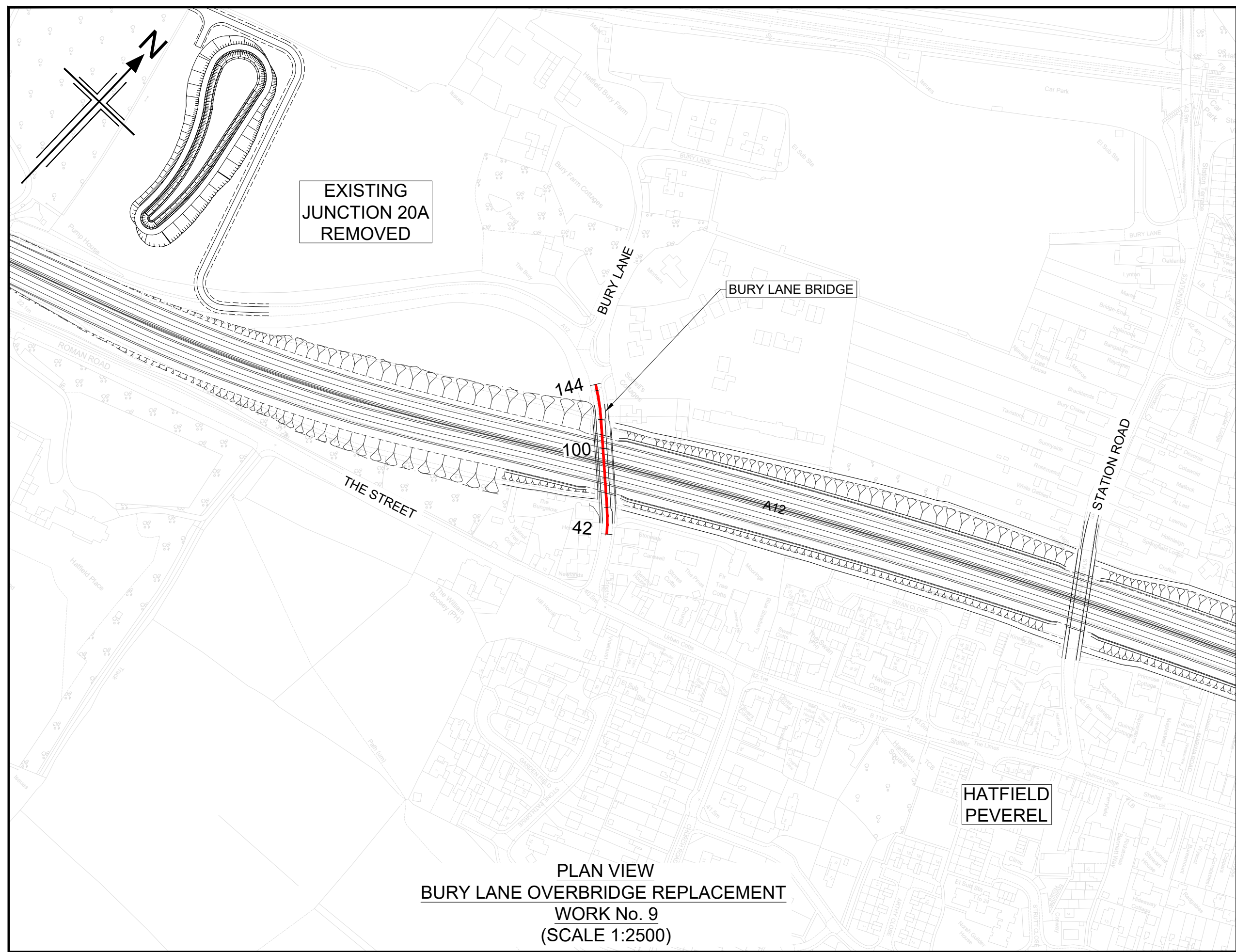
Drawing title: **ENGINEERING SECTIONS
 PLAN AND PROFILES
 SIDE ROADS - KEY PLAN**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	NTS	Type	Rev
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

Drawing number	PIN	Originator	Volume
HE551497	JAC	LDC	-
	SCHW	-DR-	C -2021

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C:\working\jacobs_uk_highways_ssa\legint_had01555451\HE551497-JAC-LDC-SCHW-DCO-2021.dwg - 8/2/2022 1:56:28 PM - A1 Frame - HA



NOTES

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- FOR SHEET LAYOUT PLAN REFER TO:
HE551497-JAC-LDC-SCHW-DR-C-2000 FOR MAINLINE PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

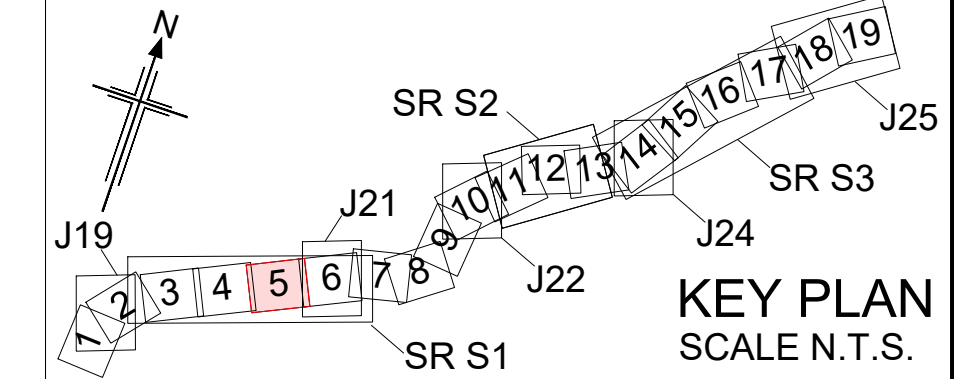
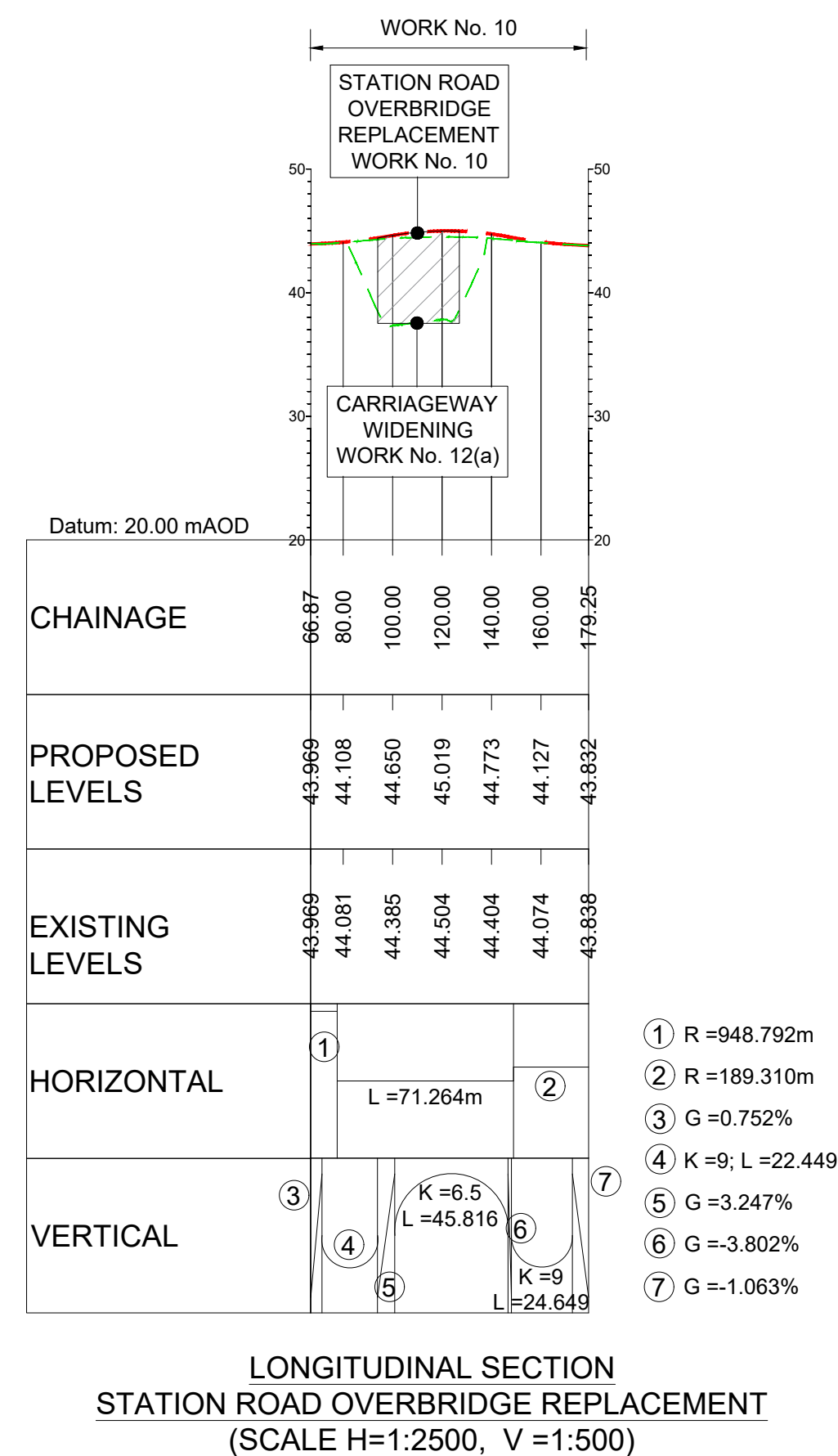
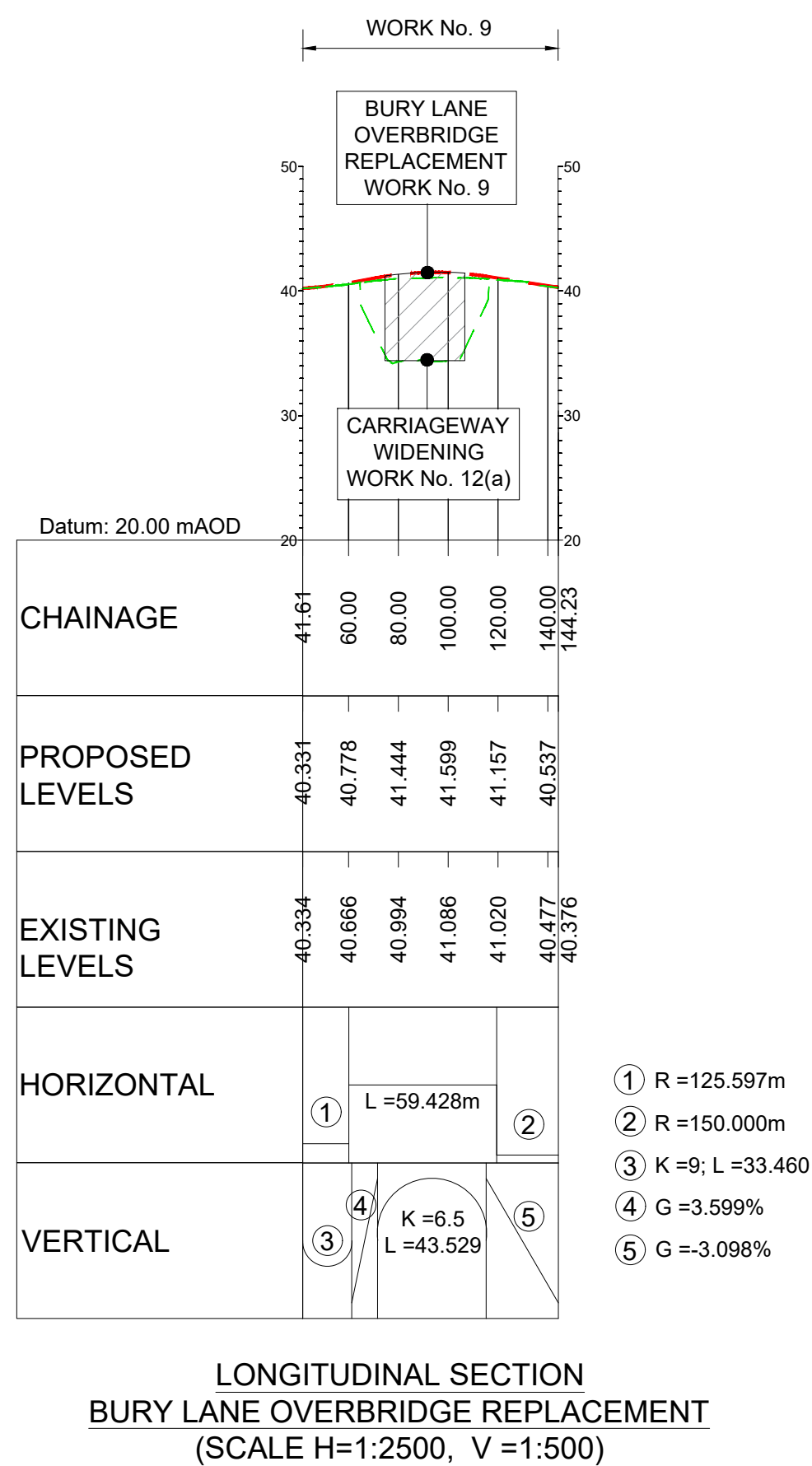
- 9600
- CHAINAGE
- CENTRELINE OF NEW ROAD

PROFILE

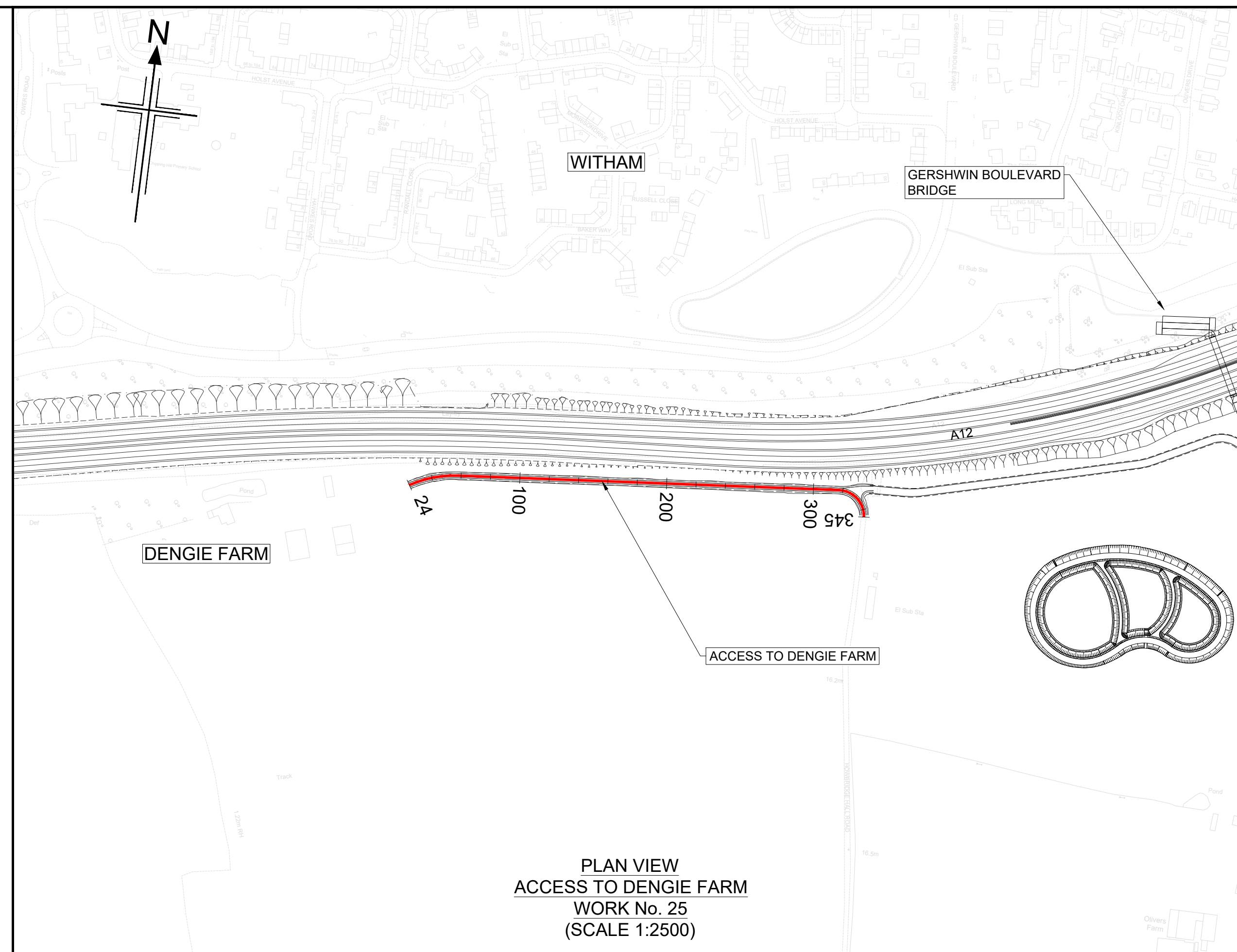
- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
- FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

0 200
SCALE 1:2500 METRES
0 10 20 30 40 50
SCALE 1:500 METRES

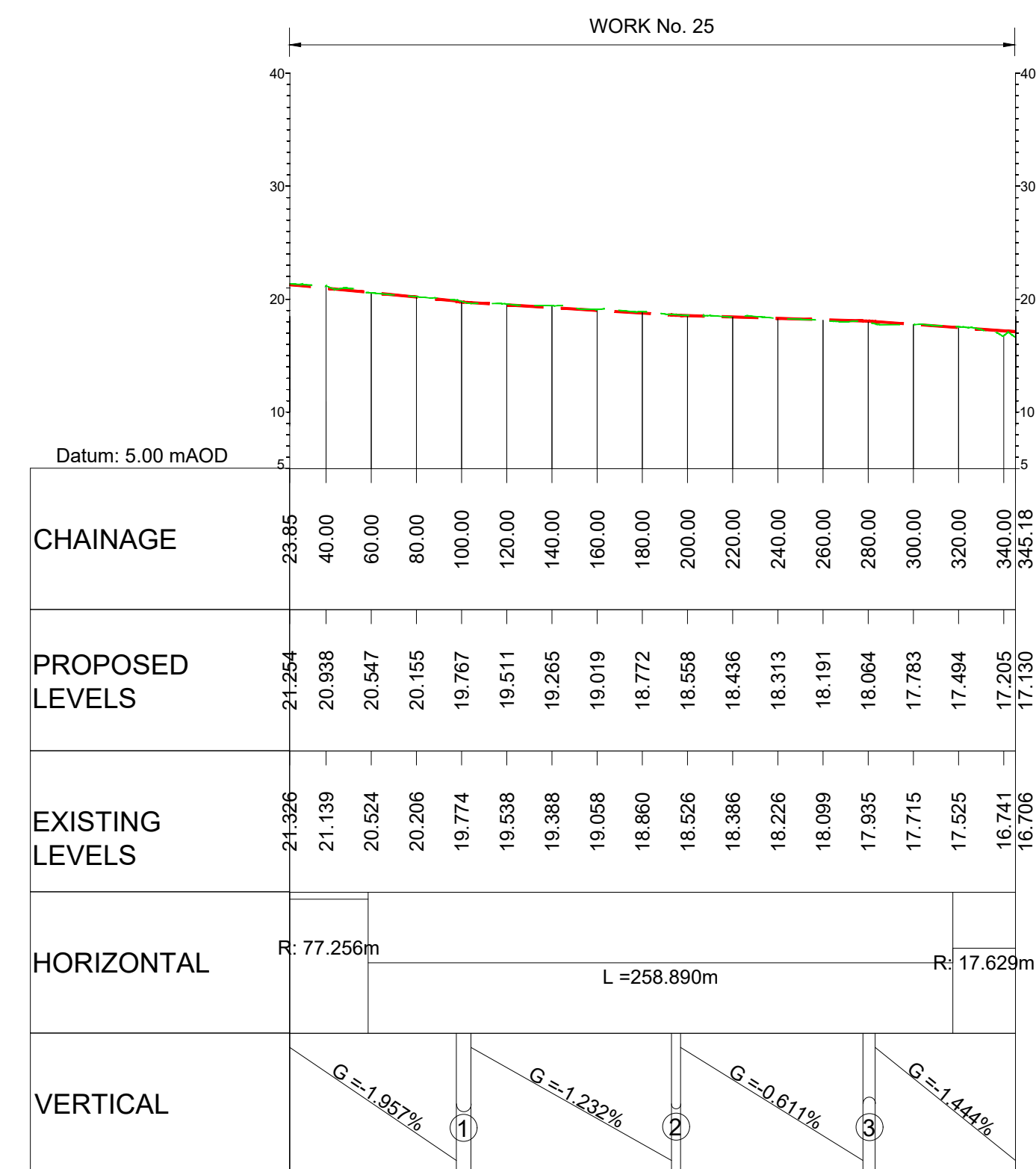
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.11			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title						
ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S1 SHEET 1 OF 3						
Regulation						
REGULATION 5(2)(o), 5(2)(p) & 6(2)						
Purpose of issue						
DCO APPLICATION						
State Code						
Preliminary						
Project Stage						
PCF3						
Drawing status						
S4						
Scale at A1 (841x594mm)						
AS SHOWN						
Jacobs No.						
B36601D1						
Rev						
P01						
Client no.						
HE551497						
Drawing number						
PIN						
Originator						
Volume						
HE551497 - JAC - LDC -						
Location						
S1_SR						
Type Role Number						
-DR- C -0101						



PLAN VIEW
ACCESS TO DENGIE FARM
WORK No. 25
(SCALE 1:2500)



- ① K=9; L=6.525
- ② K=6.5; L=4.032
- ③ K=6.5; L=5.412

LONGITUDINAL SECTION
ACCESS TO DENGIE FARM
(SCALE H=1:2500, V=1:500)

- NOTES
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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

9600

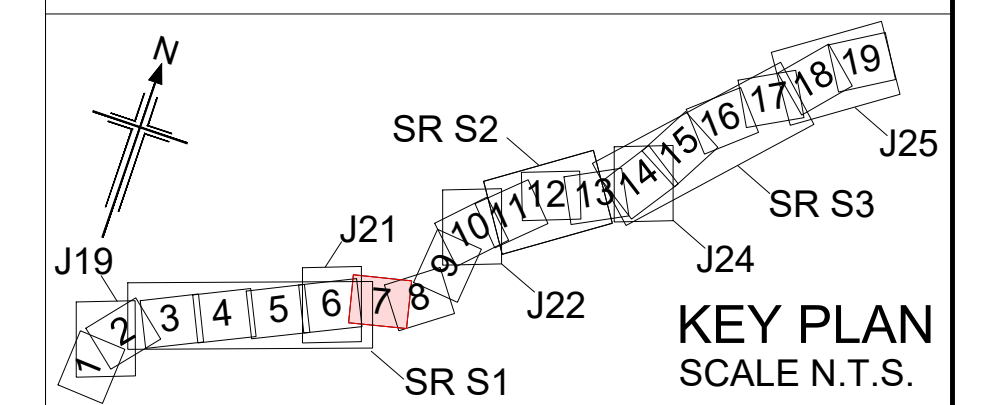
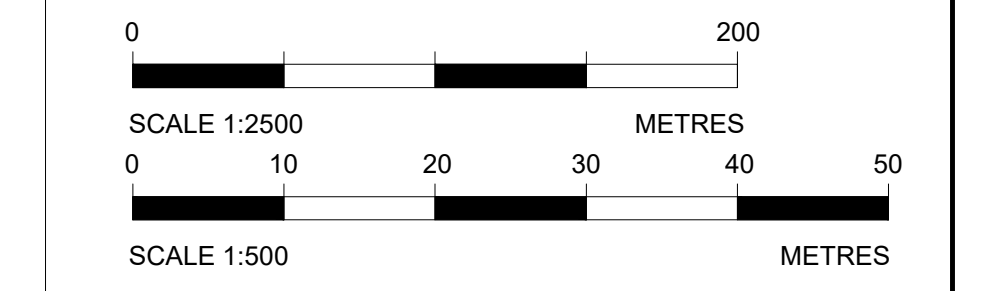
CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

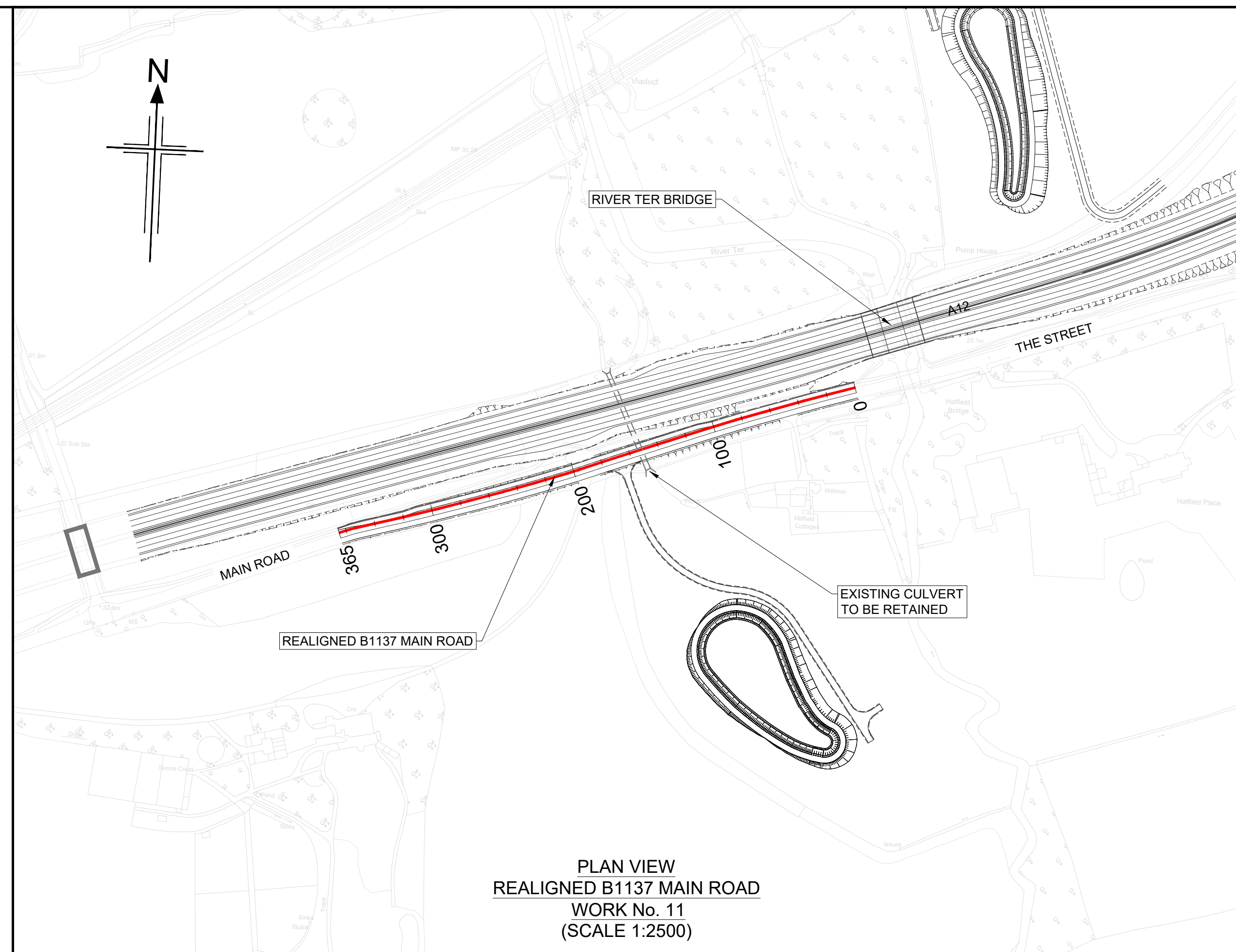


Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

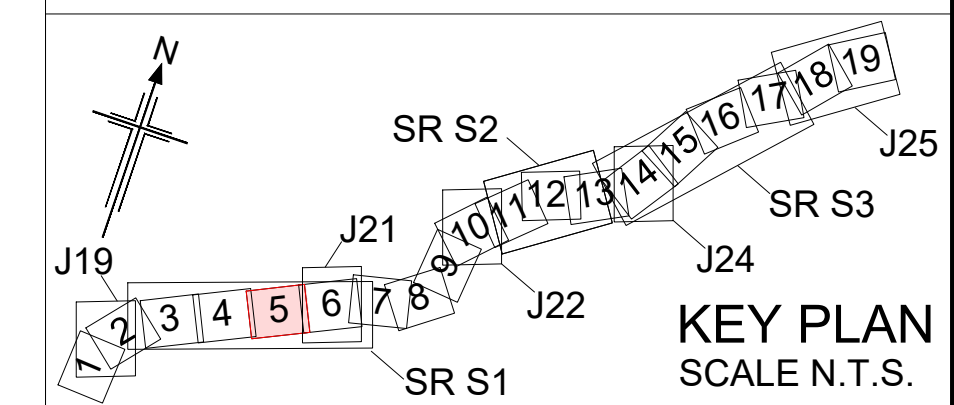
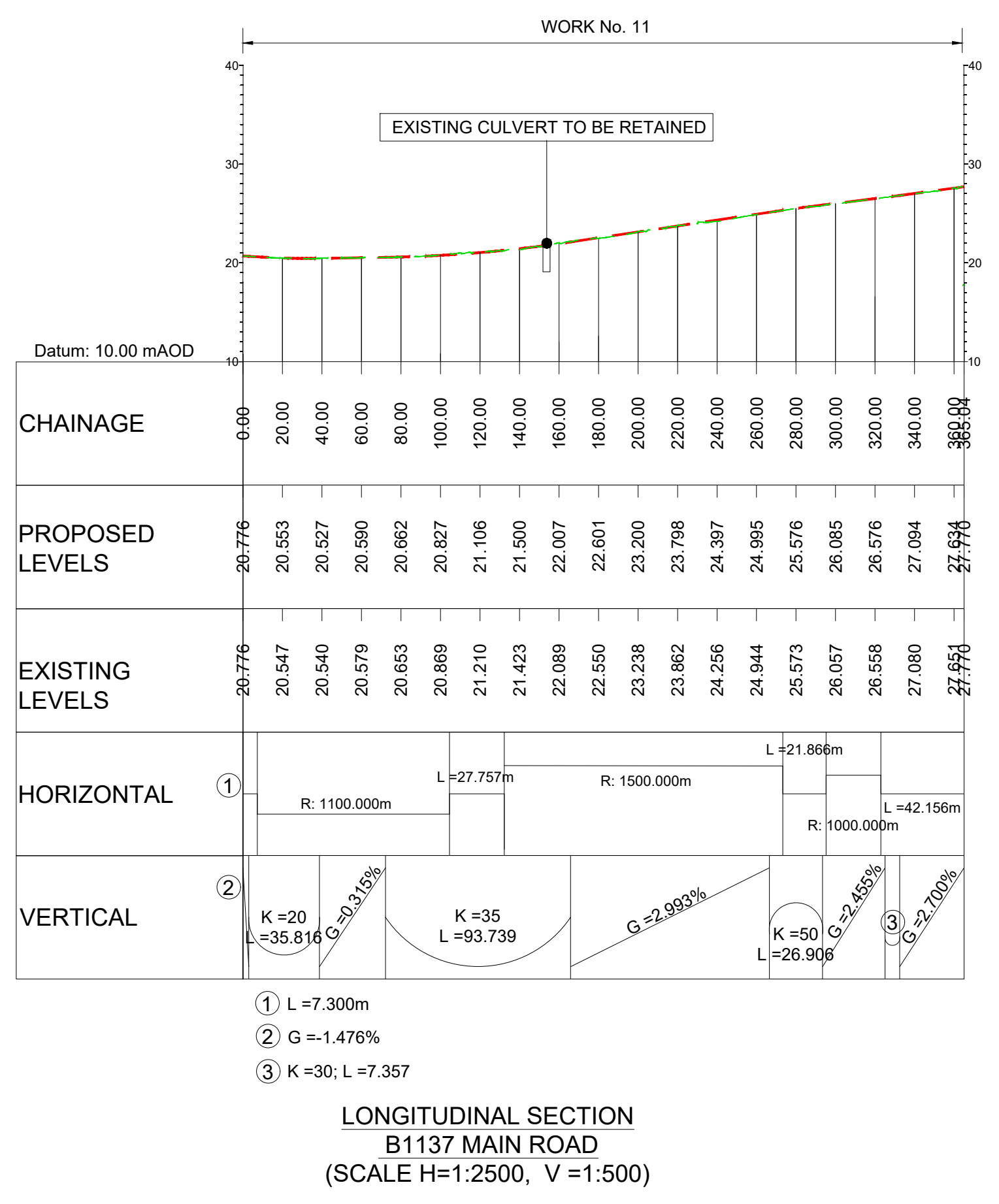
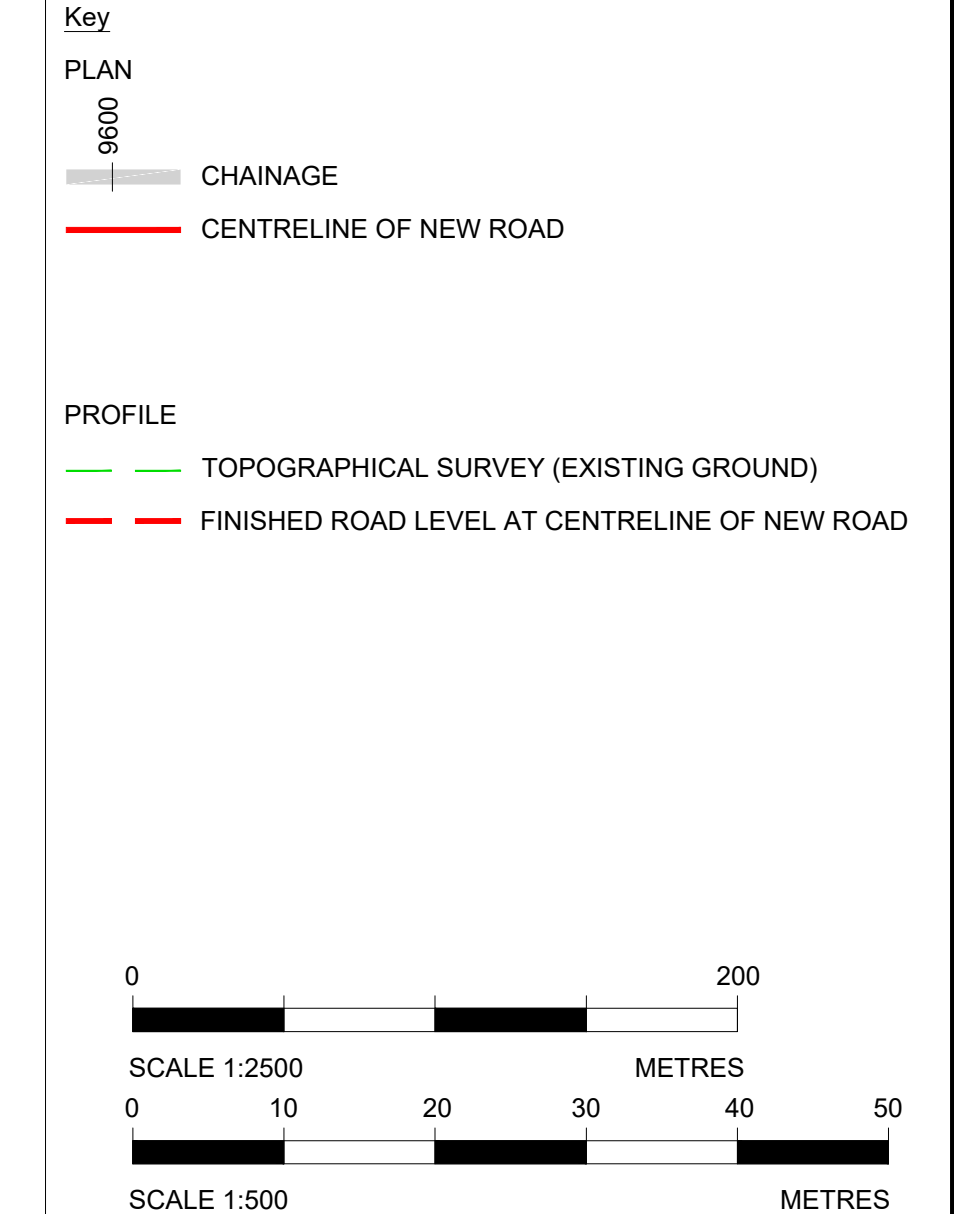
Drawing title: ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S1 SHEET 2 OF 3

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	P01
Jacobs No.	B36601D1	Client no.	HE551497

Drawing number: HE551497 - JAC - LDC - S1_SR - DR - C - 0102



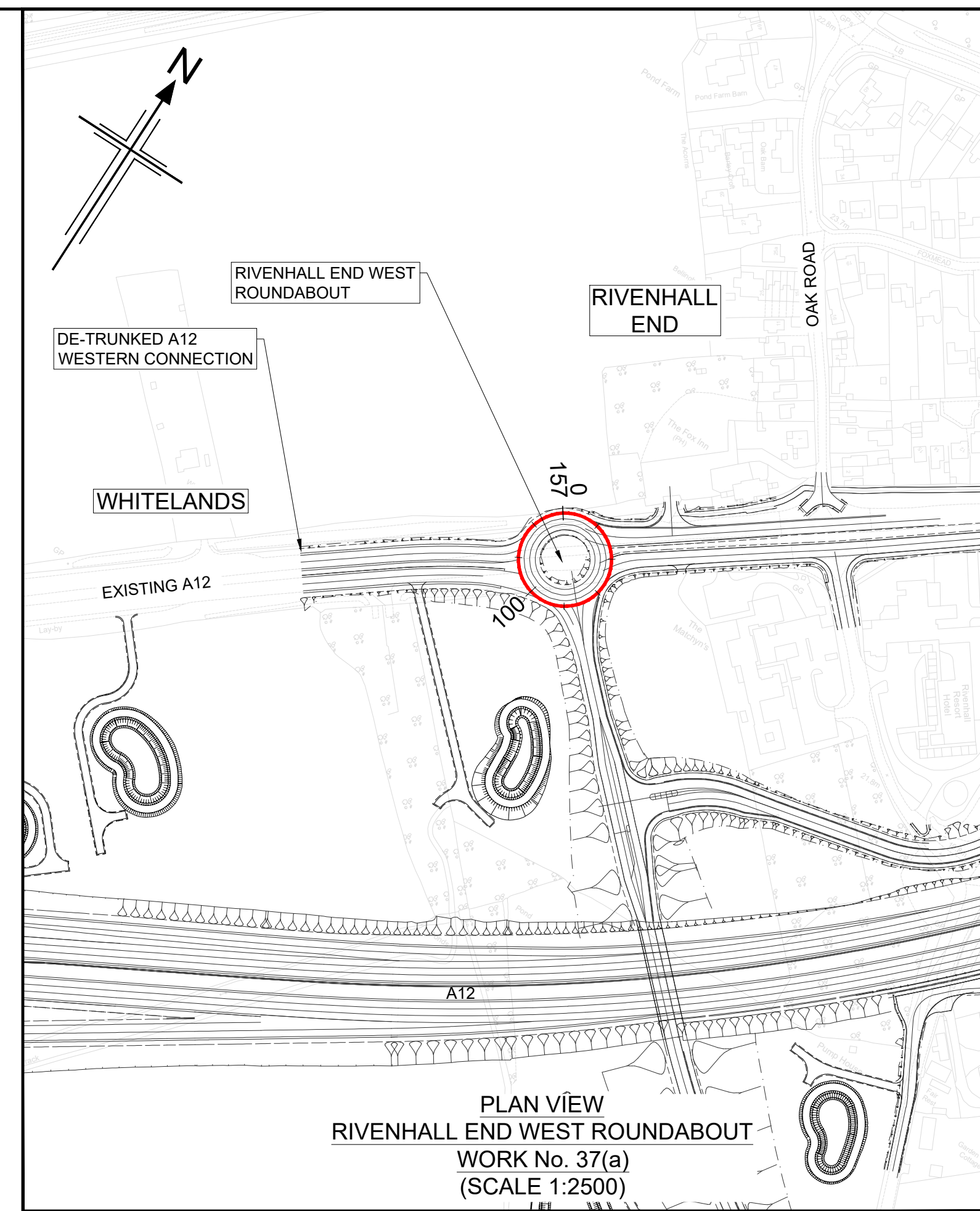
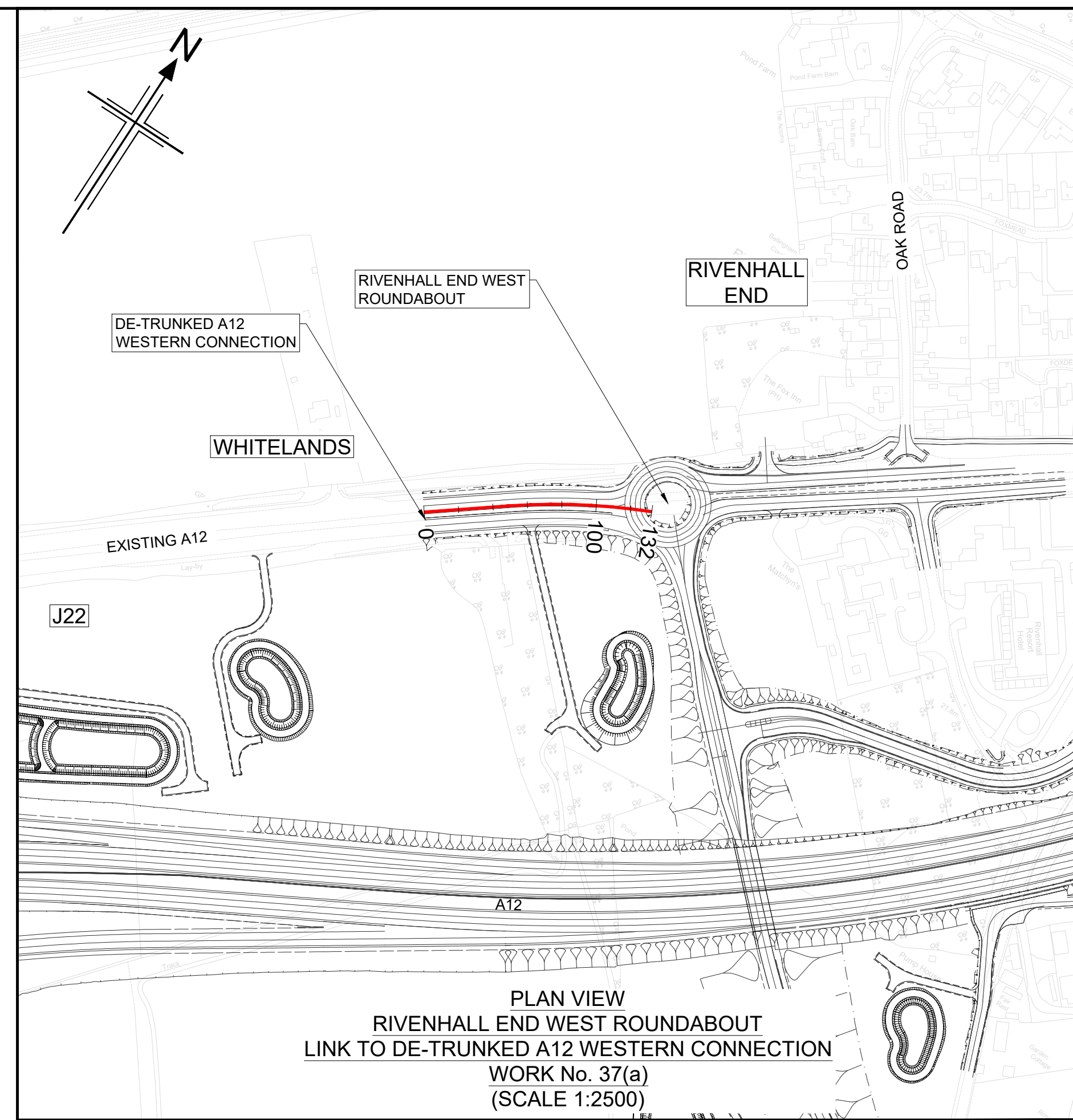
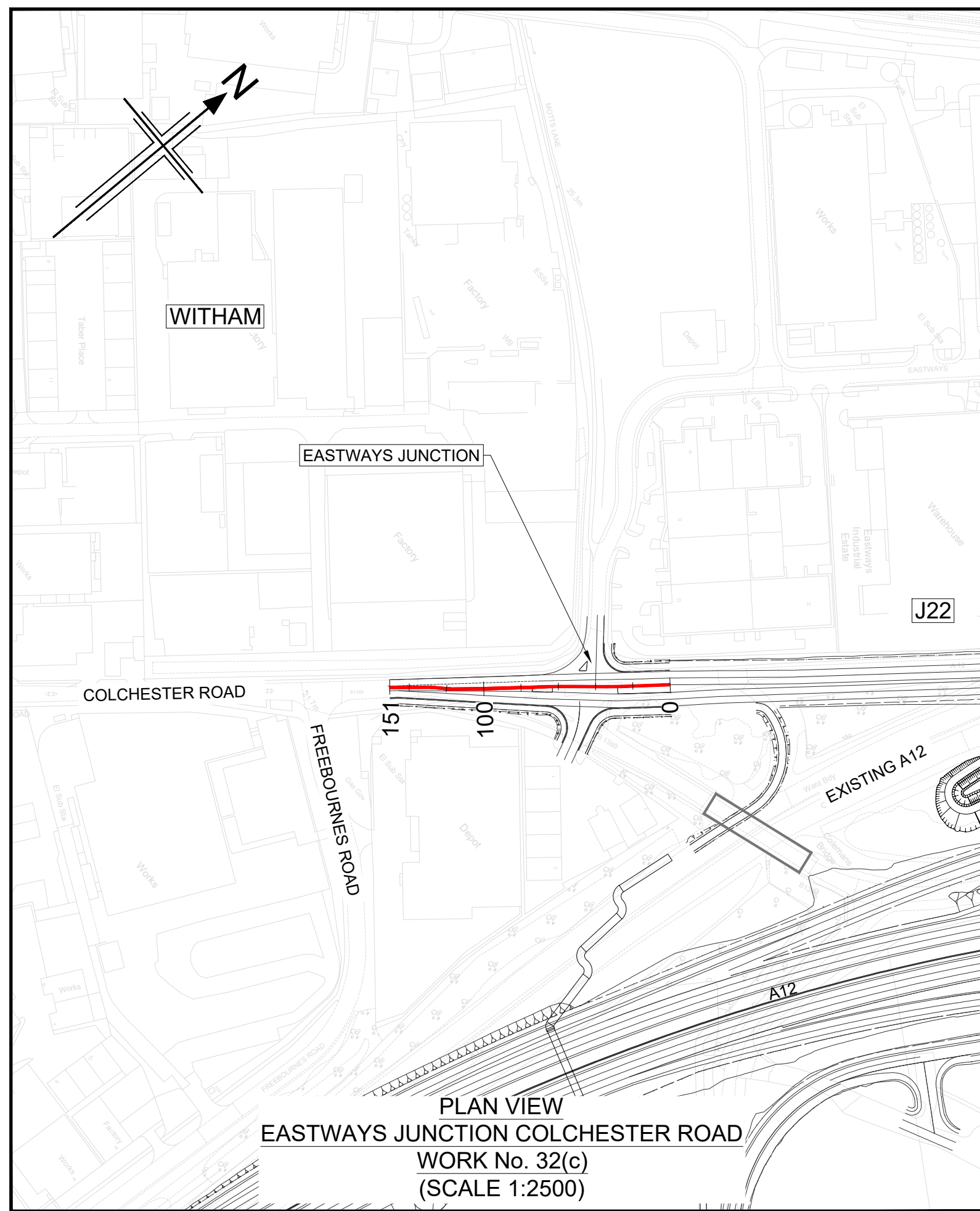
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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.11			
Client national highways						
Project A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S1 SHEET 3 OF 3						
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)					
Purpose of issue	DCO APPLICATION					
State Code	Preliminary					
Project Stage	PCF3	Drawing status				
Scale at A1 (841x594mm)	AS SHOWN	S4				
Jacobs No.	B36601D1	Rev				
Client no.	HE551497	P01				
Drawing number	PIN	Originator	Volume			
HE551497	JAC	LDC	-			
S1_SR	-DR-	C	-0103			

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NOTES

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Key

PLAN

9600

CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

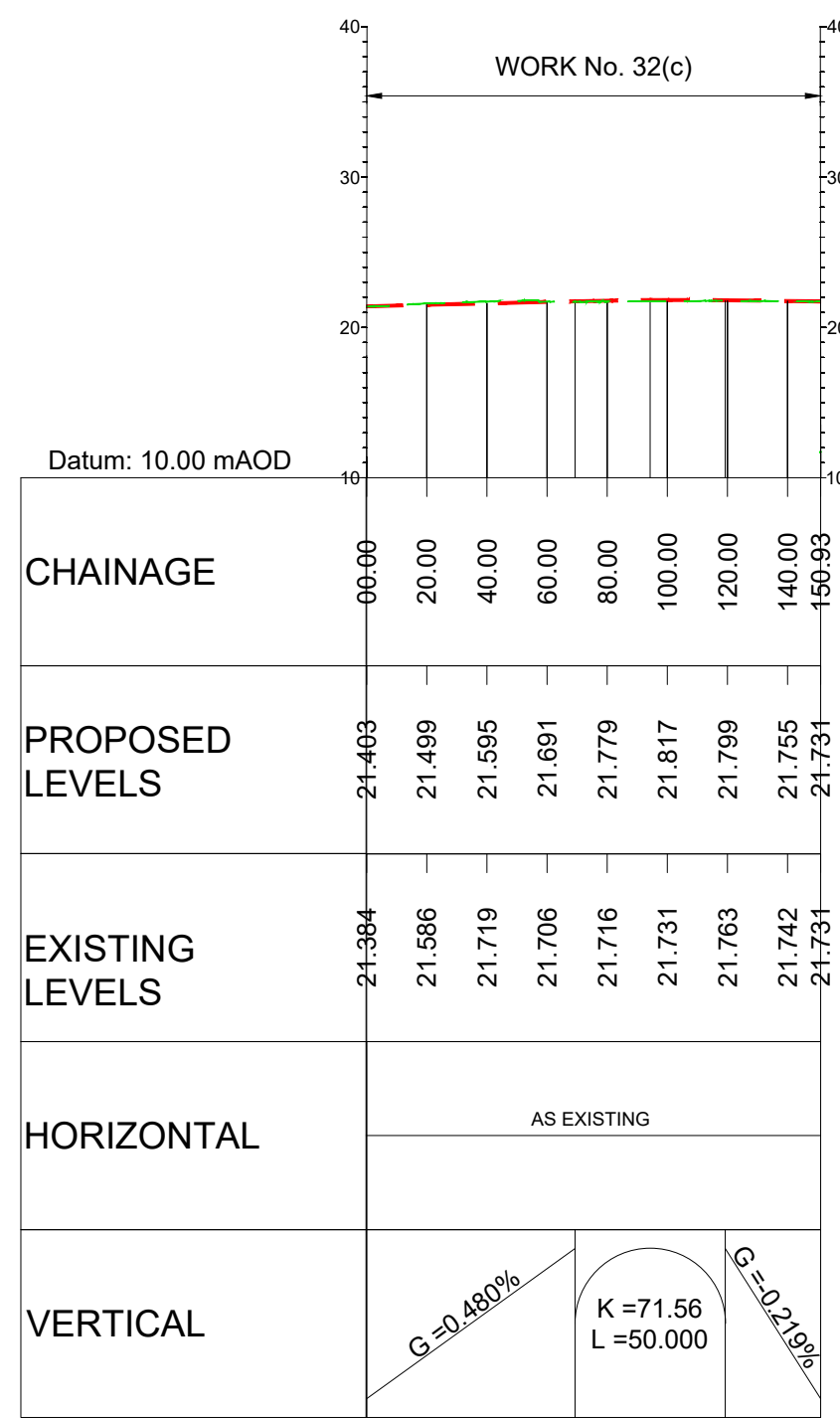
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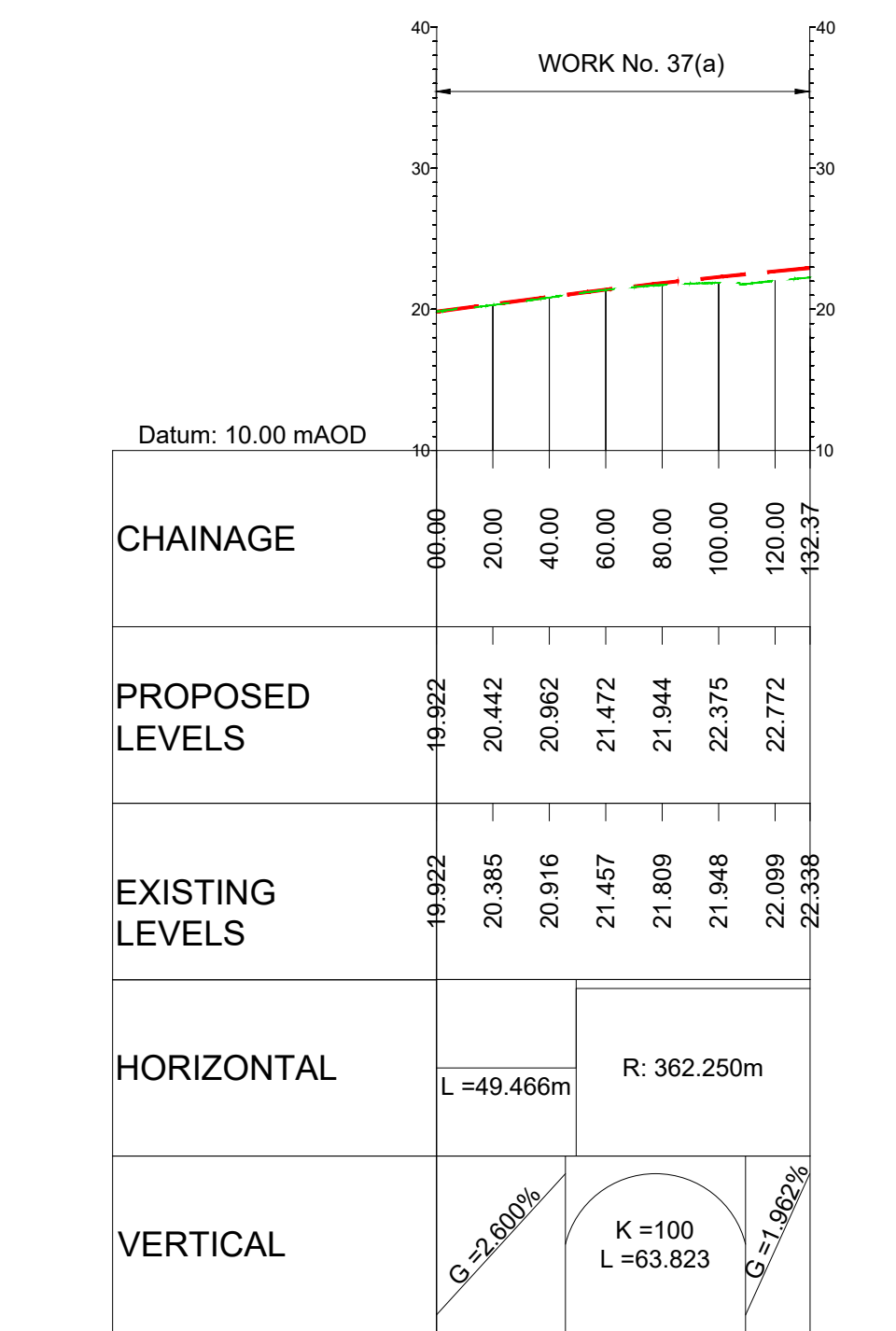
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SCALE 1:500 METRES

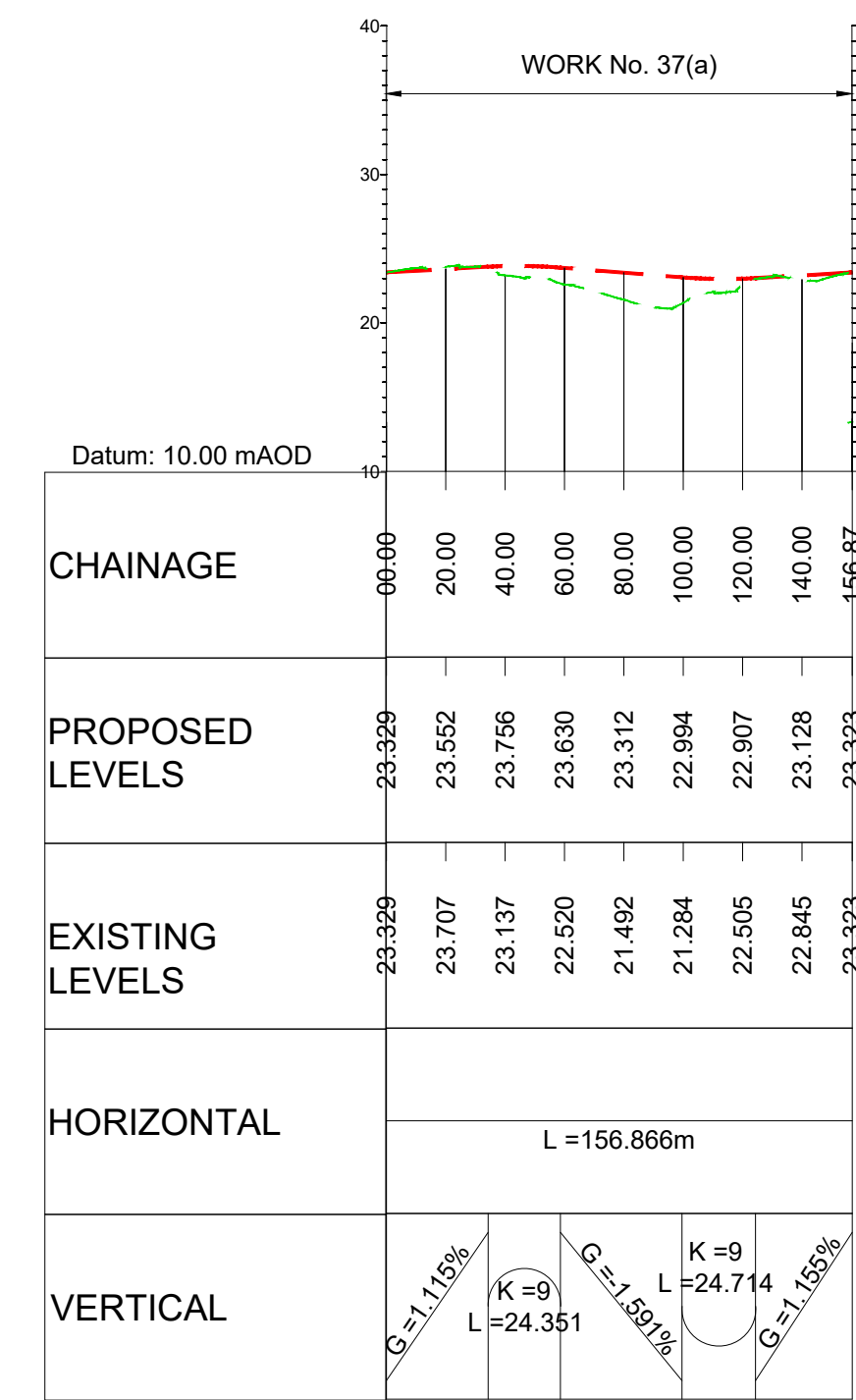
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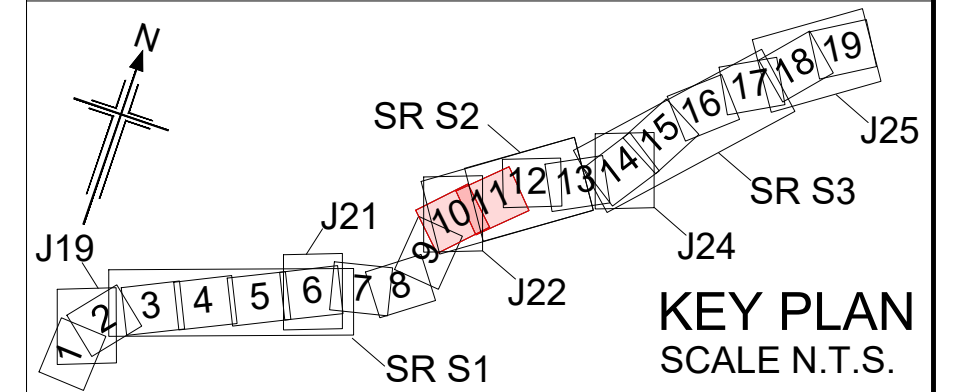
LONGITUDINAL SECTION
EASTWAYS JUNCTION COLCHESTER ROAD
(SCALE H=1:2500, V=1:500)



LONGITUDINAL SECTION
RIVENHALL END WEST ROUNDABOUT
LINK TO DE-TRUNKED A12 WESTERN CONNECTION
(SCALE H=1:2500, V=1:500)



LONGITUDINAL SECTION
RIVENHALL END WEST ROUNDABOUT
(SCALE H=1:2500, V=1:500)



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

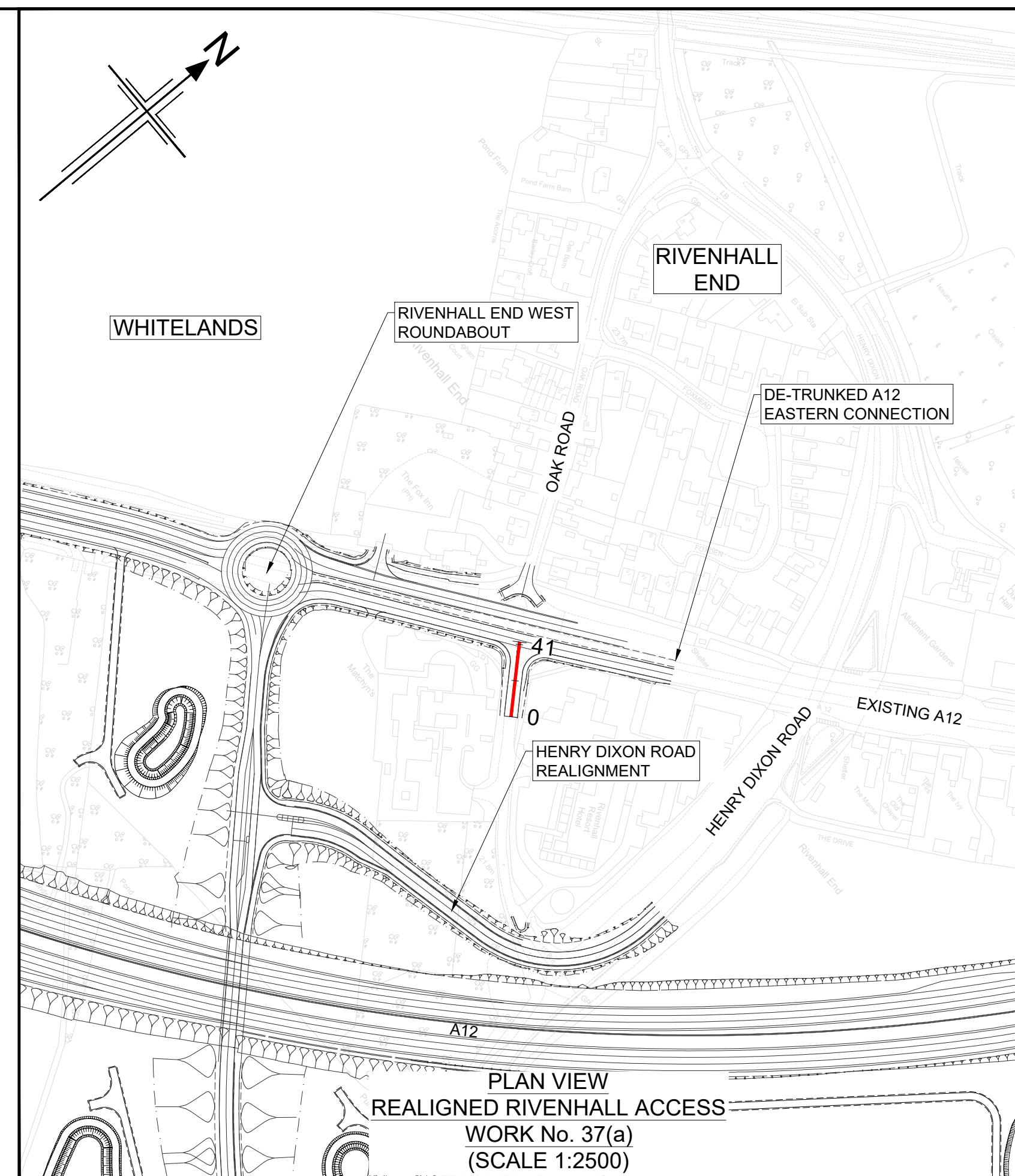
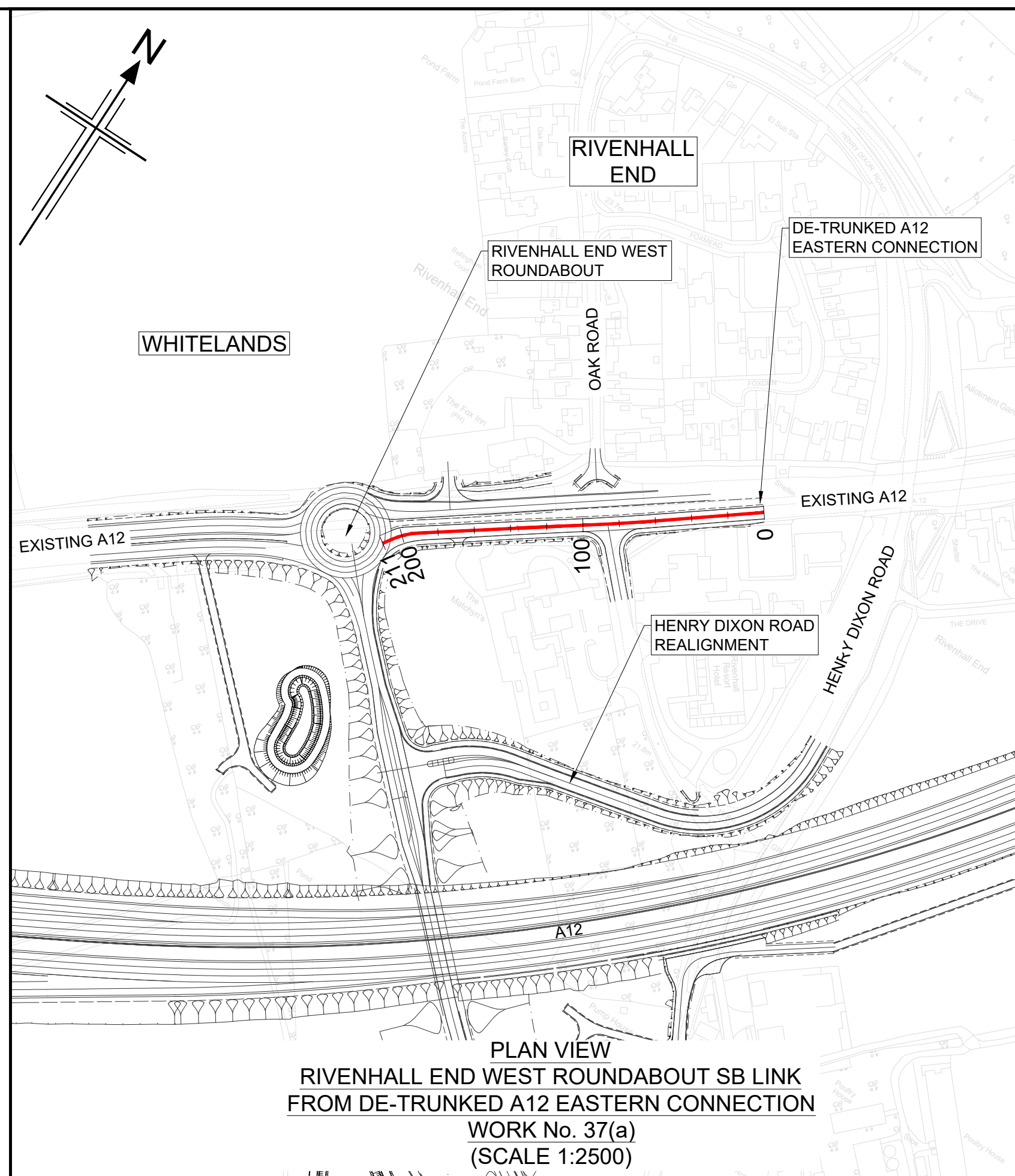
Client: **national highways**

Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

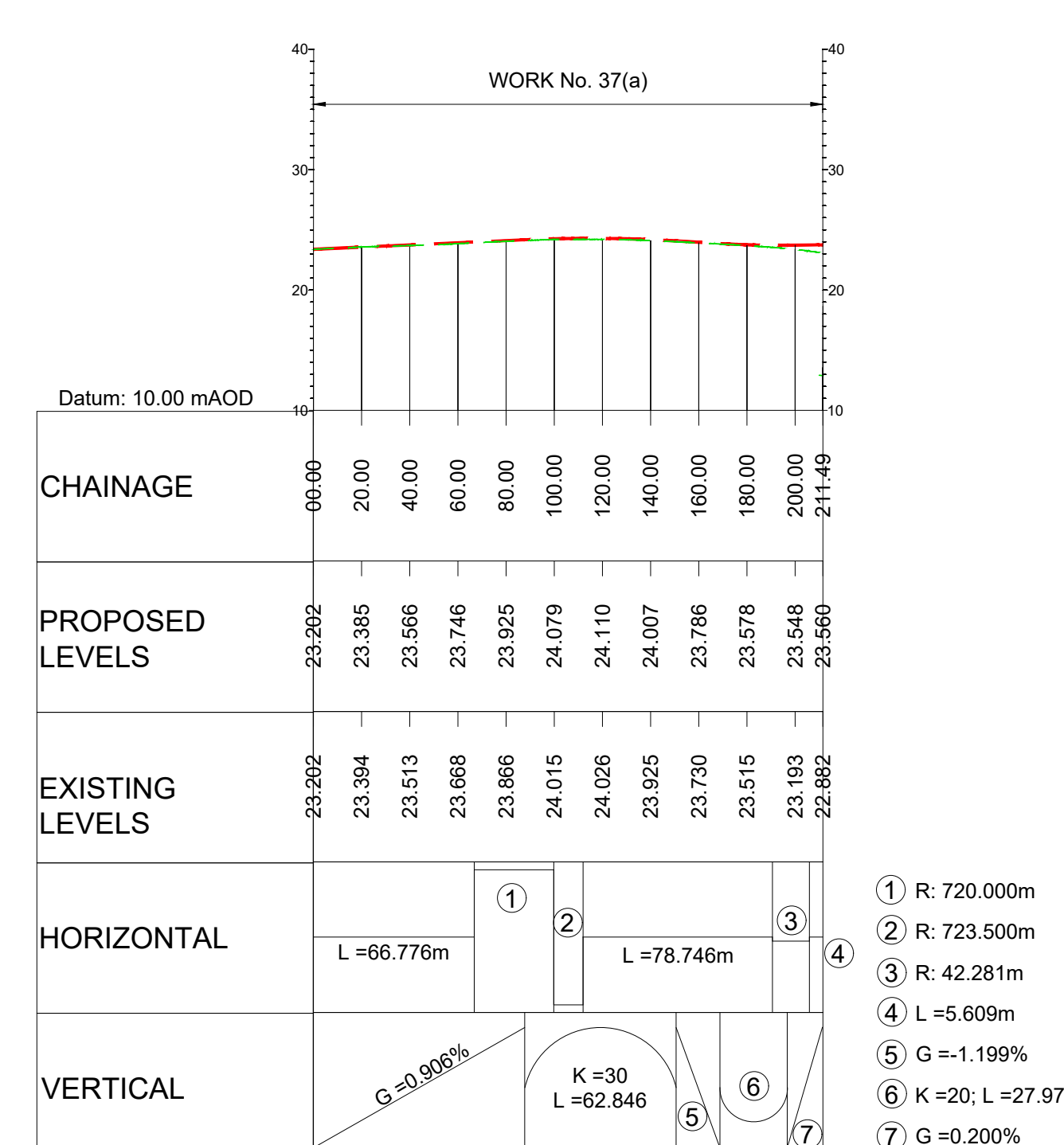
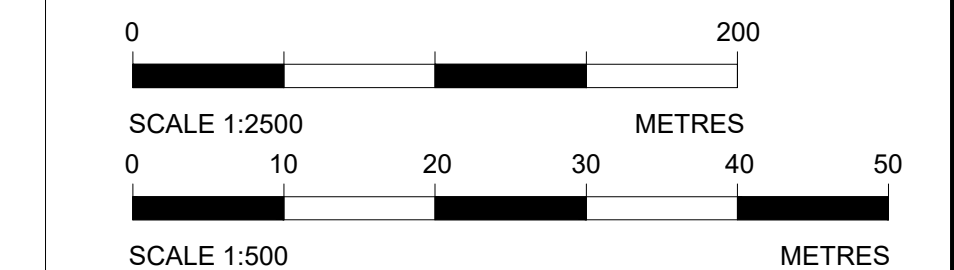
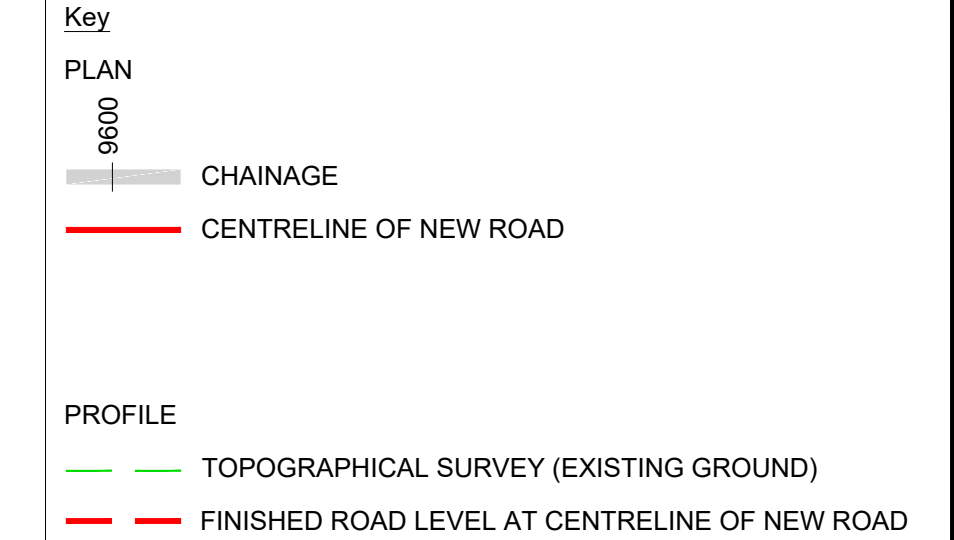
Drawing title: **ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S2 SHEET 1 OF 7**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

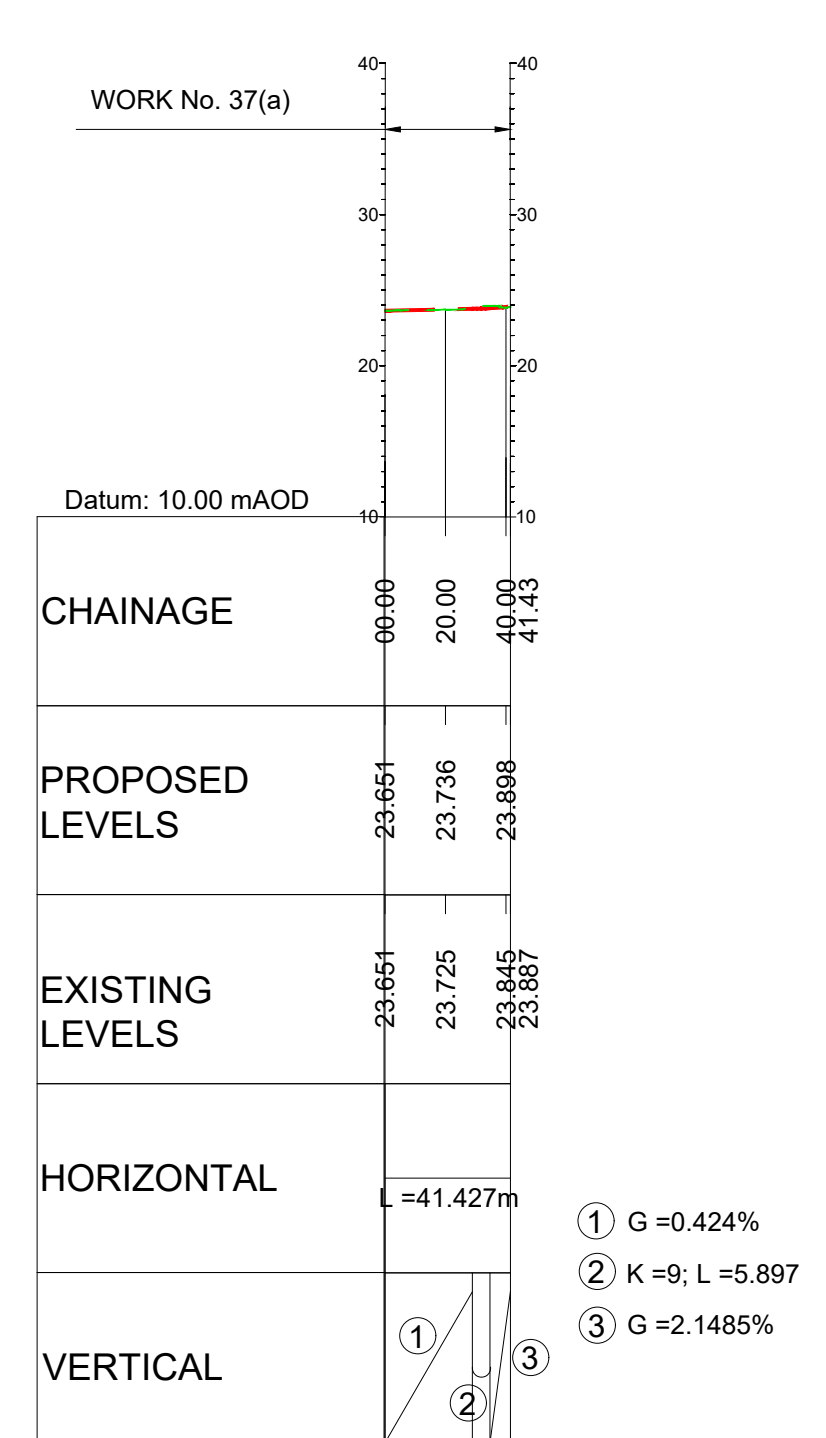
Drawing number	PIN	Originator	Volume
HE551497 -	JAC	LDC -	
S2_SR		-DR- C -0101	



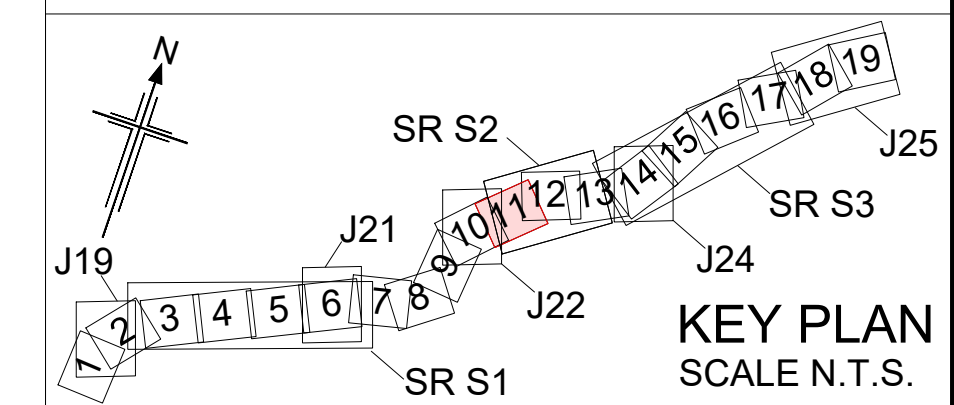
- NOTES**
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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.



**LONGITUDINAL SECTION
RIVENHALL END WEST ROUNDABOUT SB LINK
FROM DE-TRUNKED A12 EASTERN CONNECTION
(SCALE H=1:2500, V=1:500)**



**LONGITUDINAL SECTION
REALIGNED RIVENHALL ACCESS
(SCALE H=1:2500, V=1:500)**



P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
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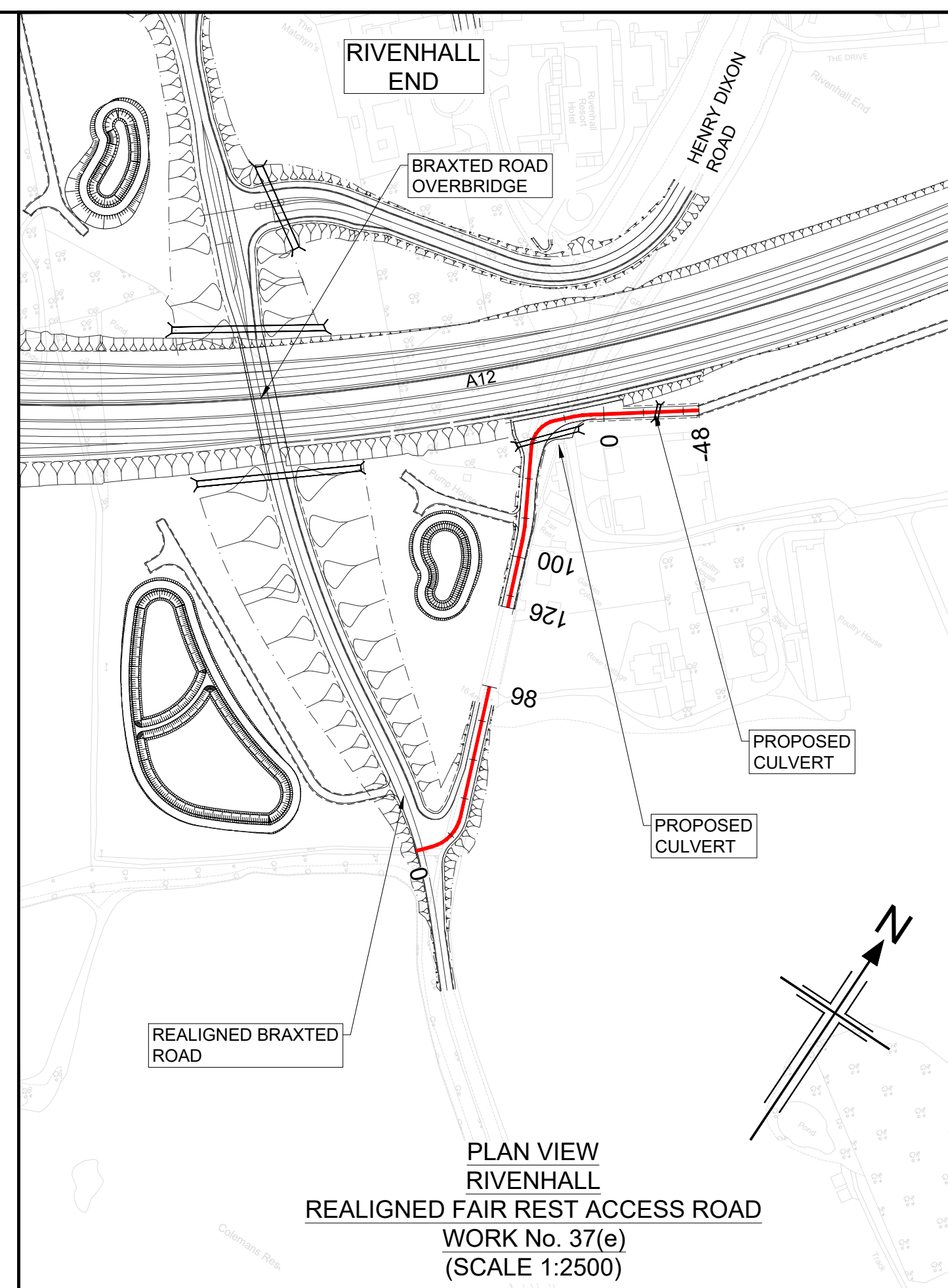
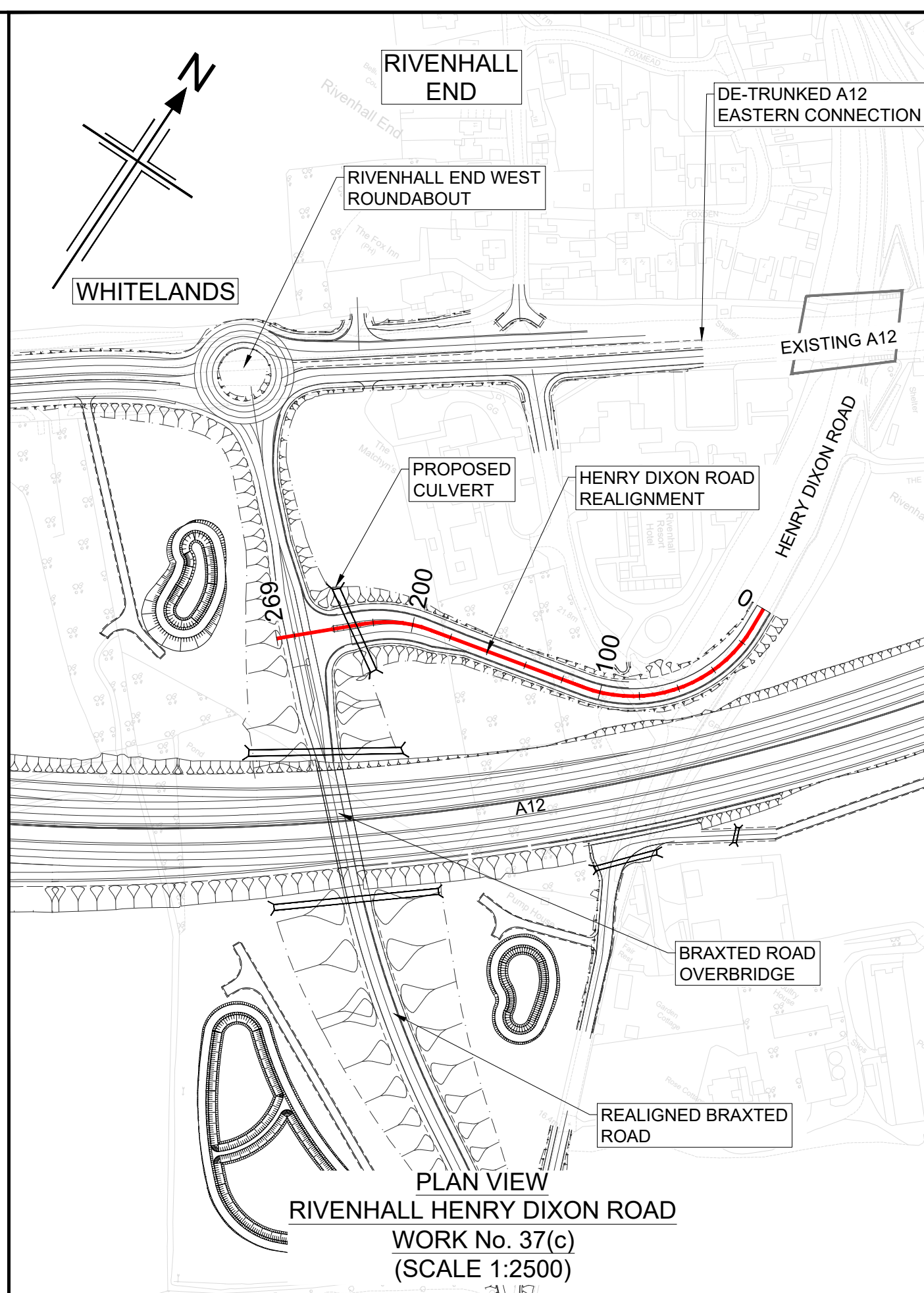
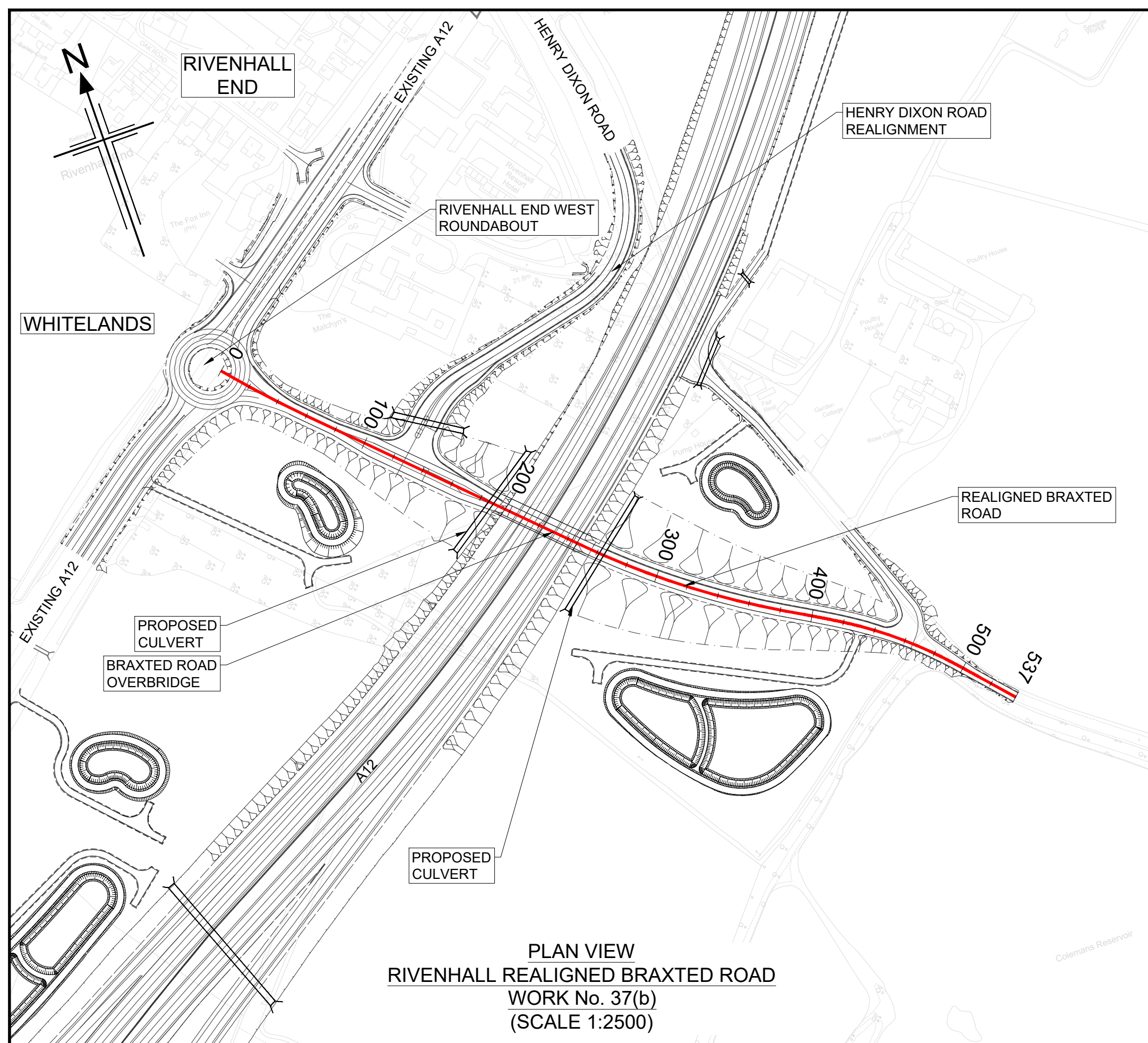


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S2 SHEET 2 OF 7

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	P01
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number: HE551497 - JAC - LDC - S2_SR
PIN: [blank] | Originator: [blank] | Volume: [blank]
Location: [blank] | Type: [blank] | Role: [blank] | Number: [blank]



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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

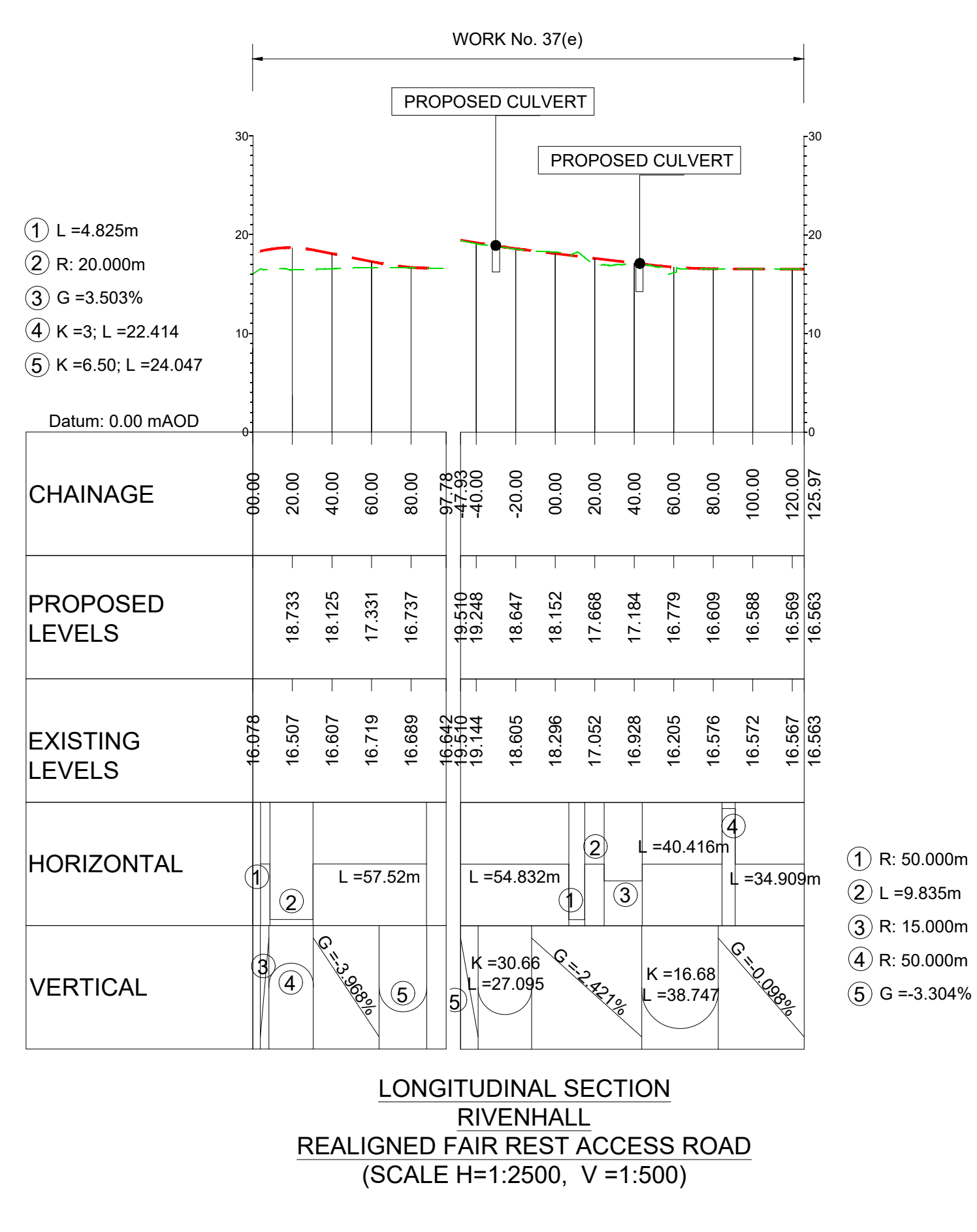
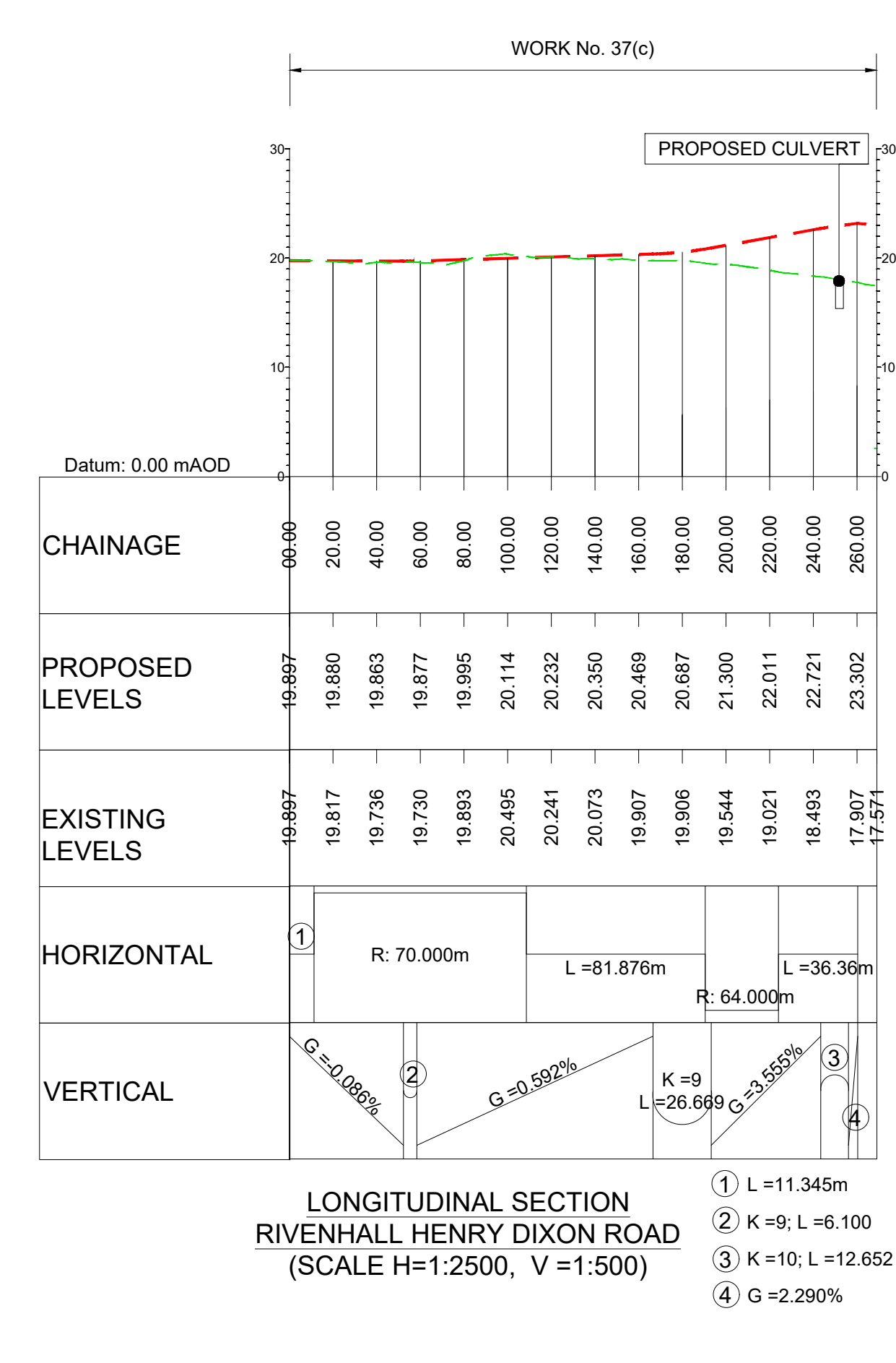
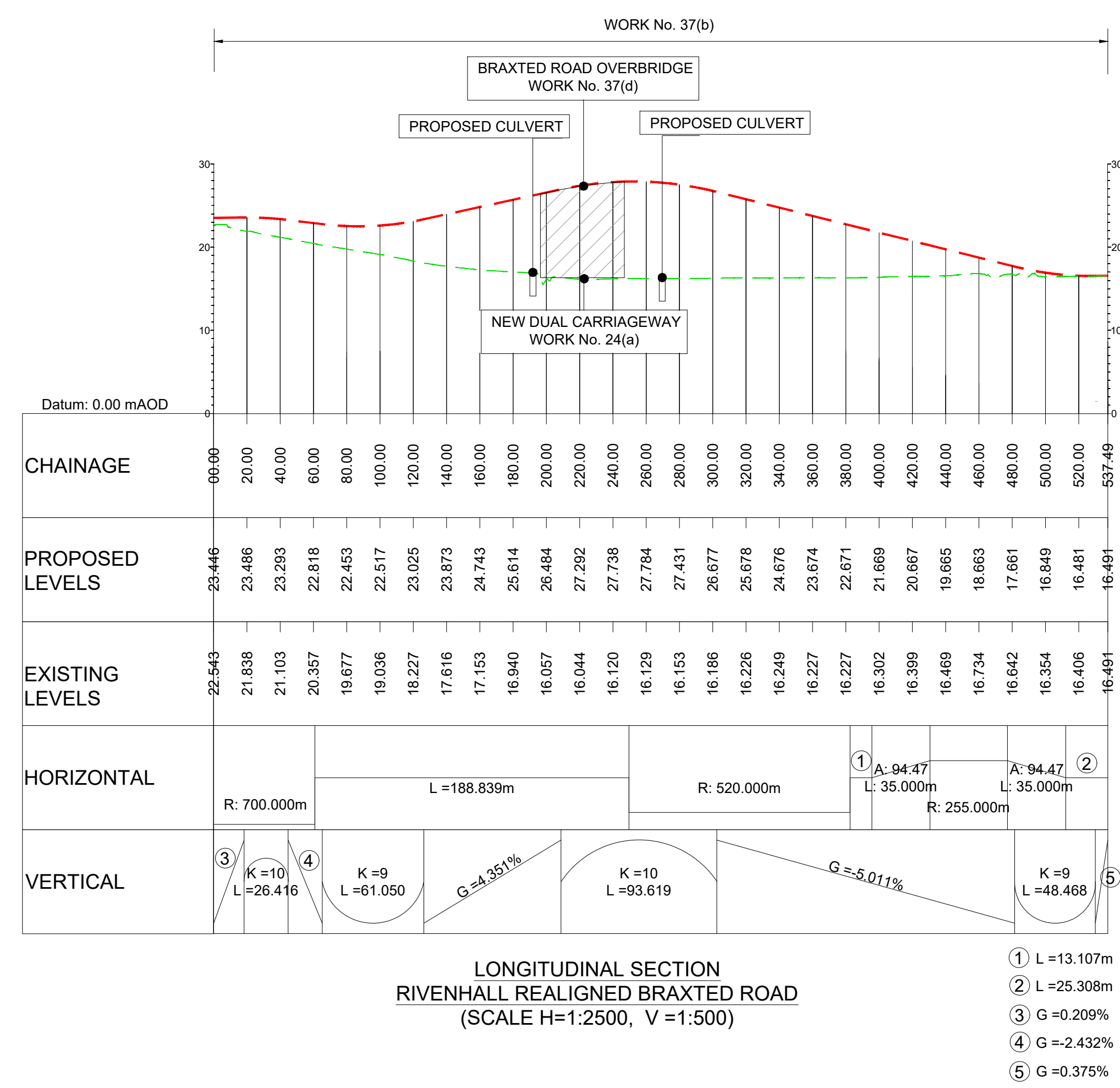
- 9600 CHAINAGE
- CENTRELINE OF NEW ROAD

PROFILE

- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
- FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

0 200
SCALE 1:2500 METRES
0 10 20 30 40 50
SCALE 1:500 METRES

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**KEY PLAN
SCALE N.T.S.**

SR S2, SR S3, SR S1, J21, J22, J24, J25, J19, J20, J21, J22, J23, J24, J25

P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

Client: **national highways**

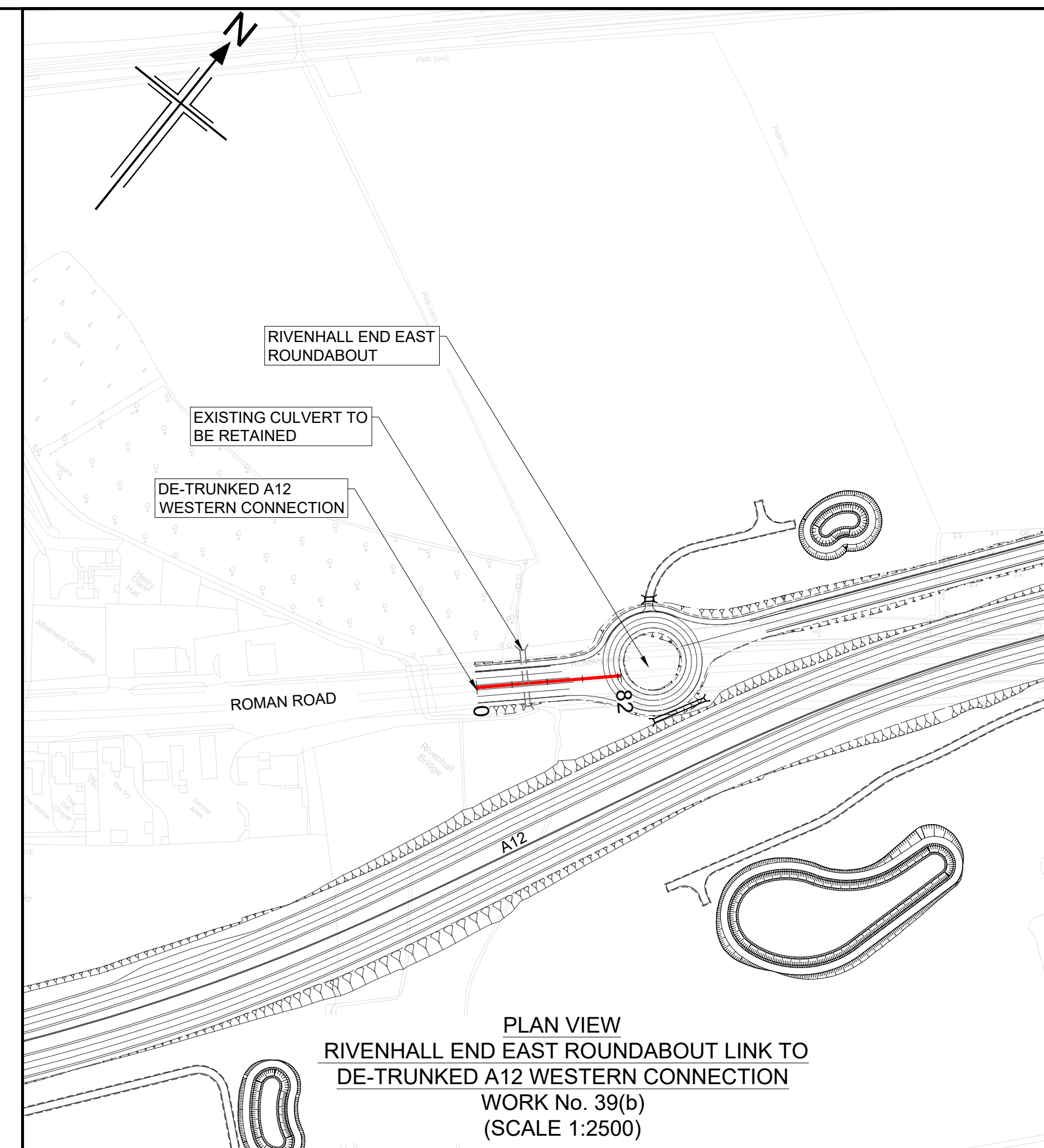
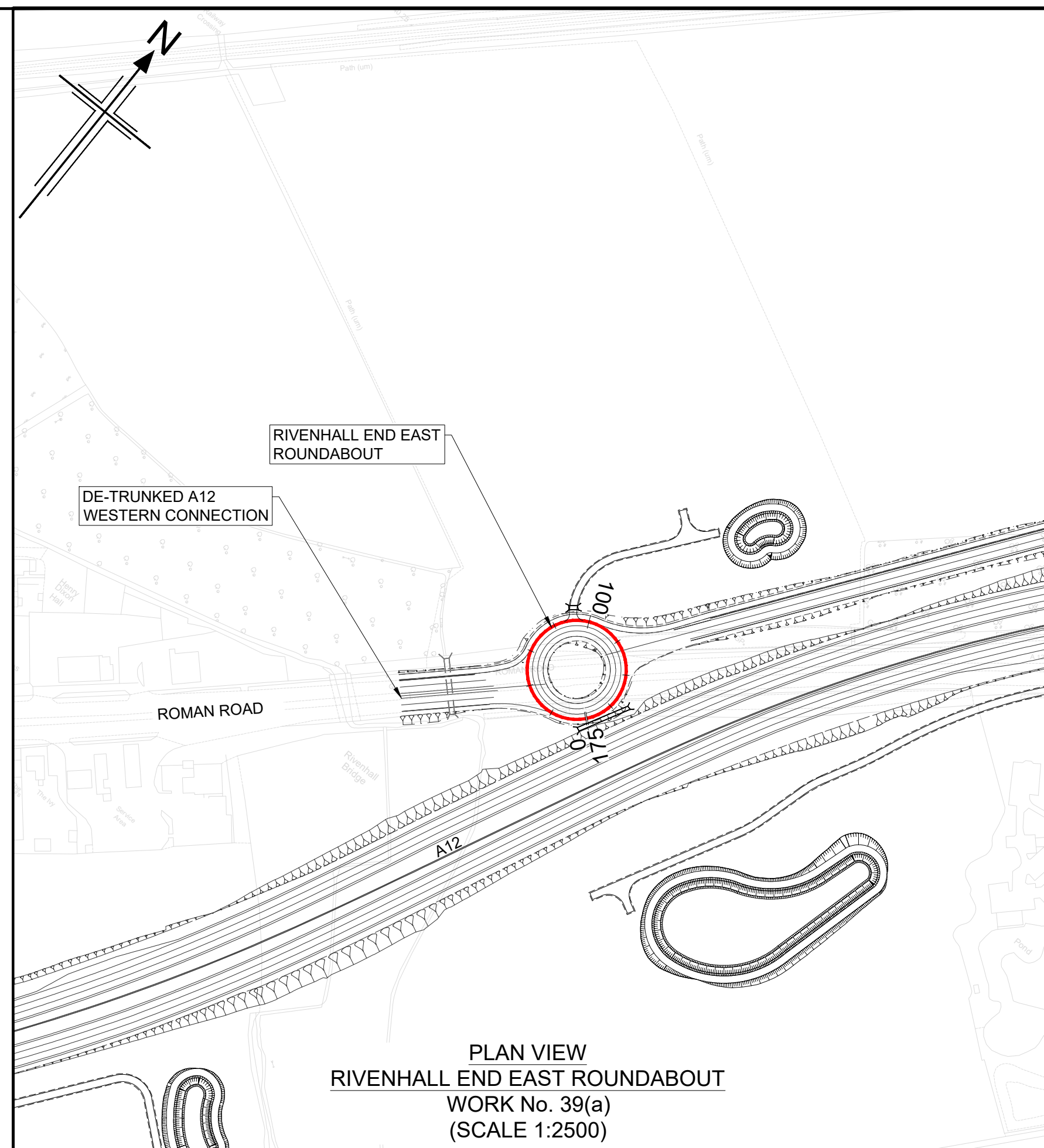
Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing title: **ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S2 SHEET 3 OF 7**

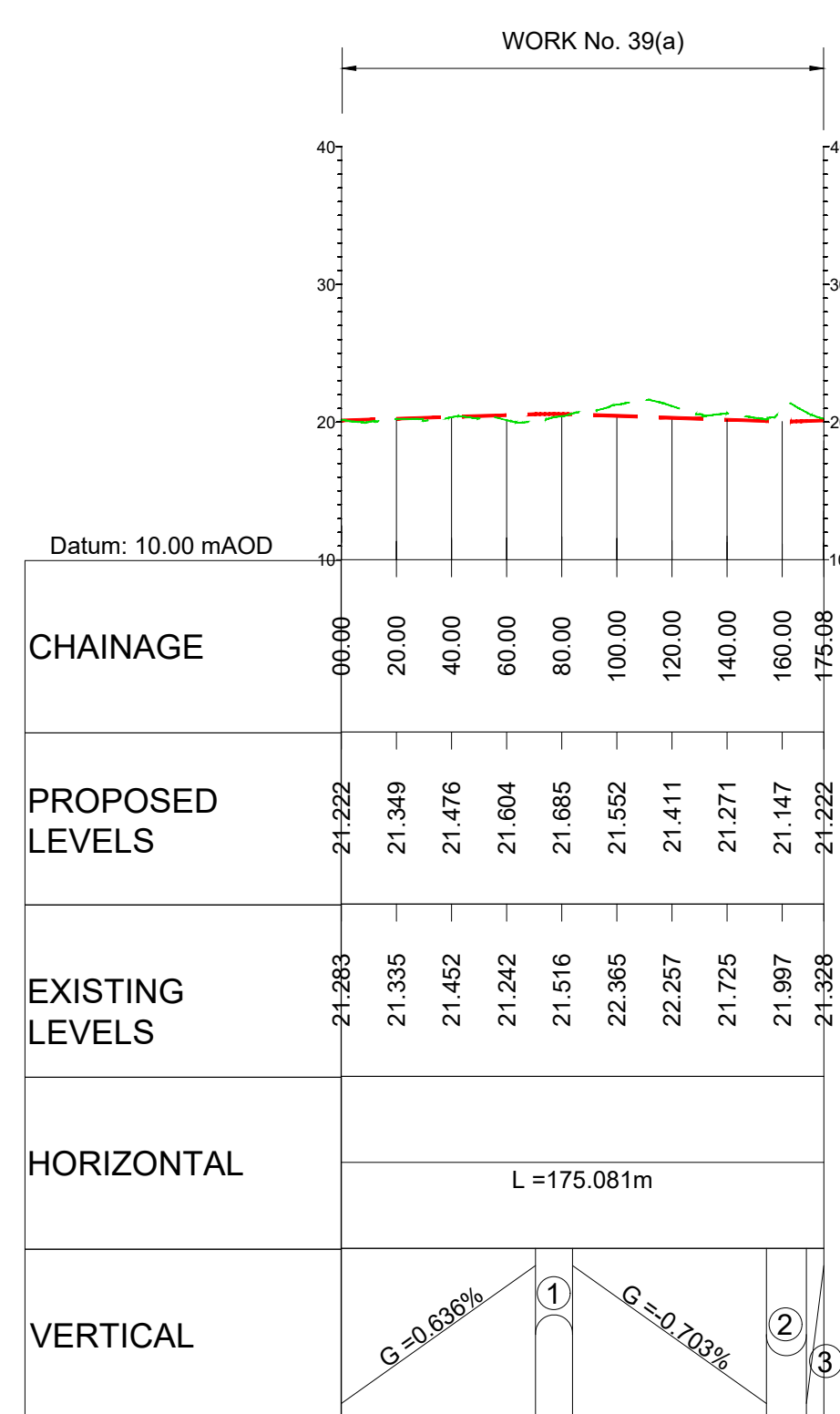
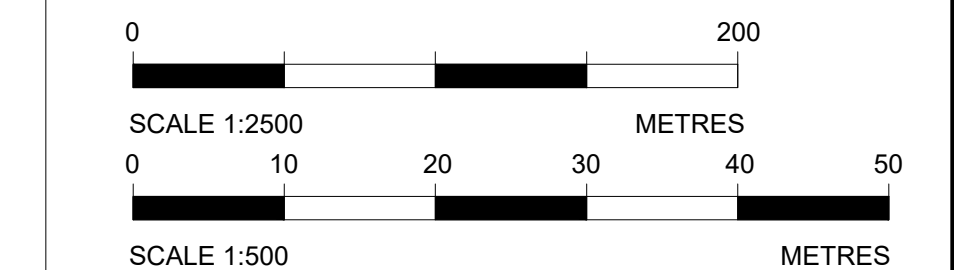
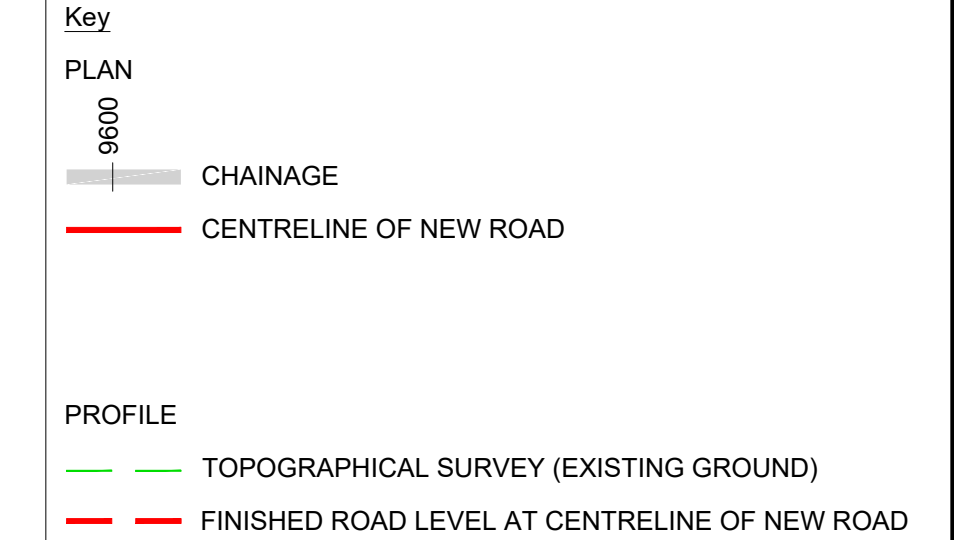
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	P01

HE551497 - JAC - LDC - S2_SR - DR - C - 0103

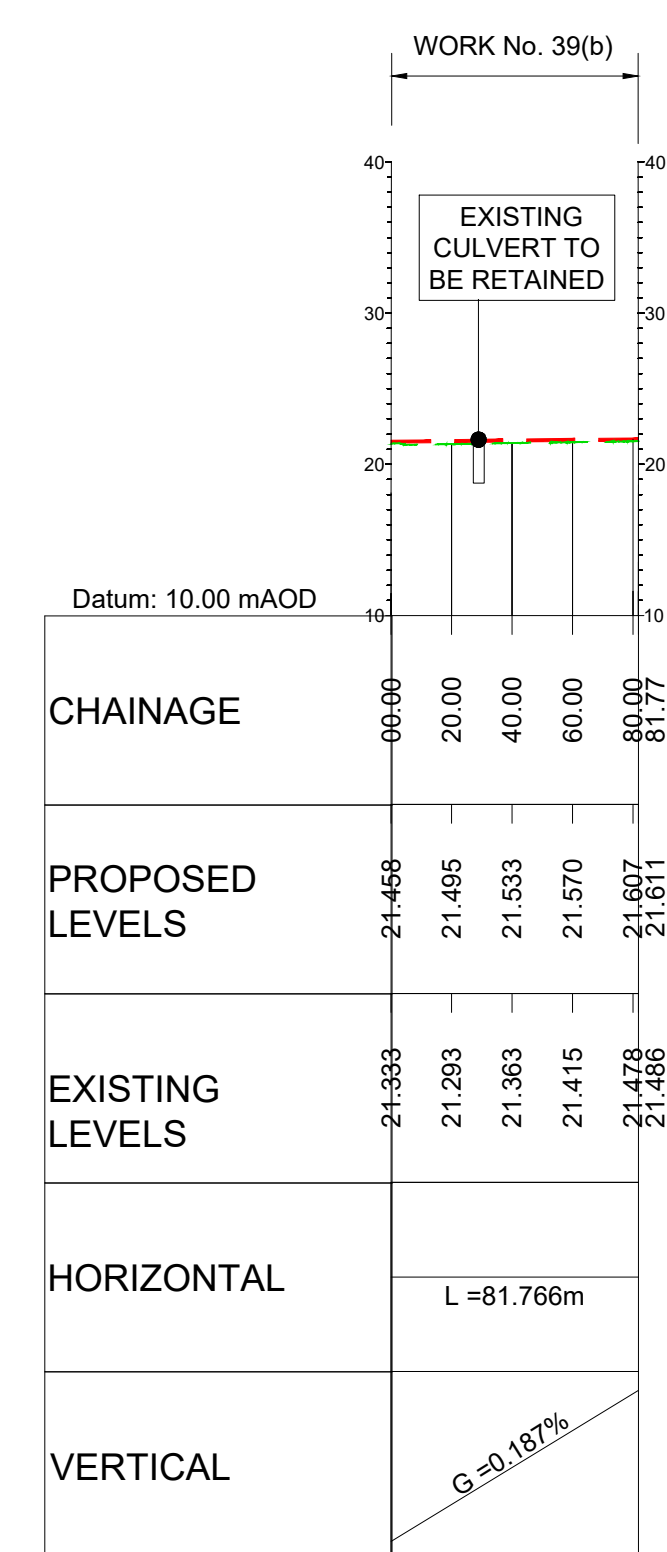
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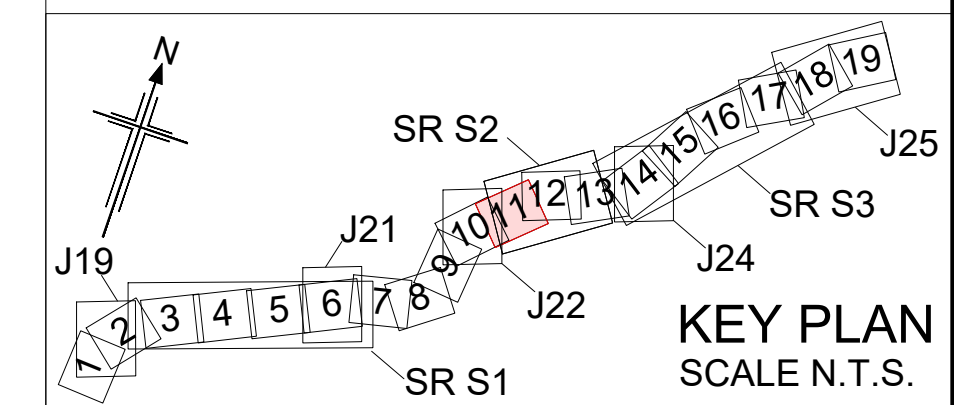
- NOTES**
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 - FOR SHEET LAYOUT PLAN REFER TO:
HE551497-JAC-LDC-SCHW-DR- C-2000 FOR MAINLINE PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.



**LONGITUDINAL SECTION
RIVENHALL END EAST ROUNDABOUT
(SCALE H=1:2500, V =1:500)**



**LONGITUDINAL SECTION
RIVENHALL END EAST ROUNDABOUT LINK TO
DE-TRUNKED A12 WESTERN CONNECTION
(SCALE H=1:2500, V =1:500)**



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010060	TR010060/APP/2.11



Project

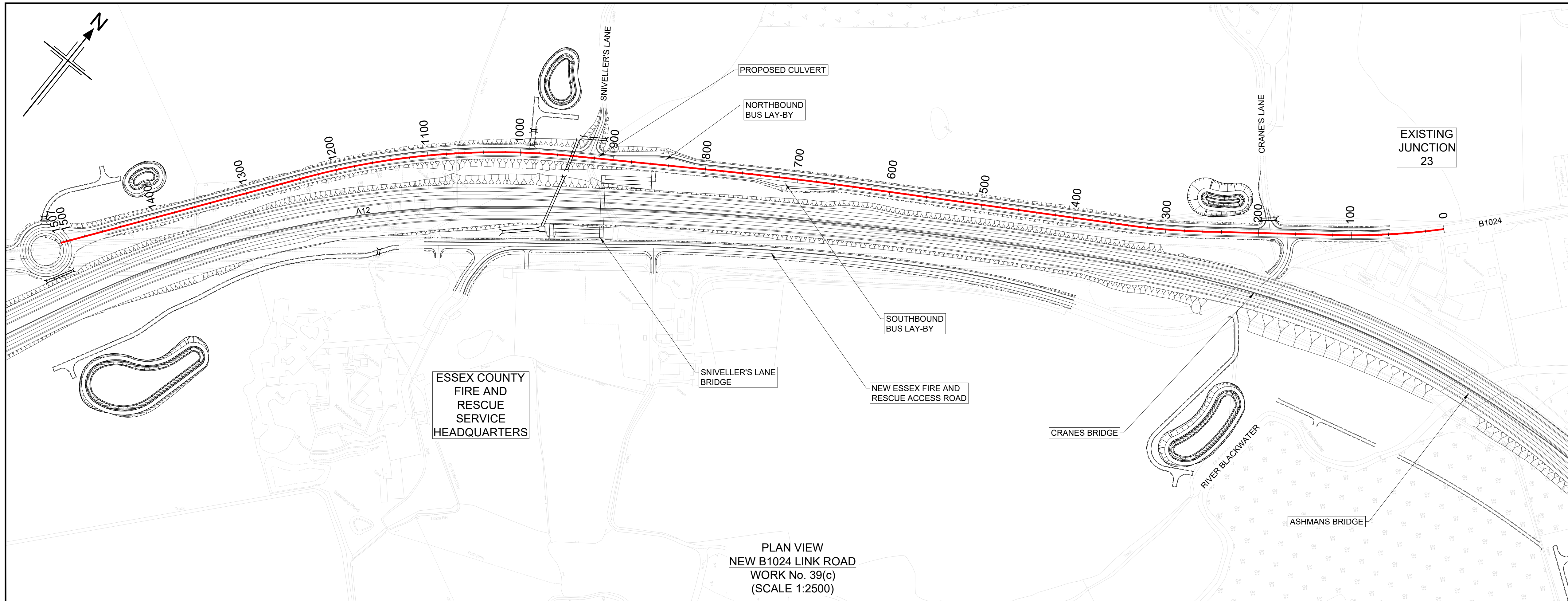
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title

ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S2 SHEET 4 OF 7

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		

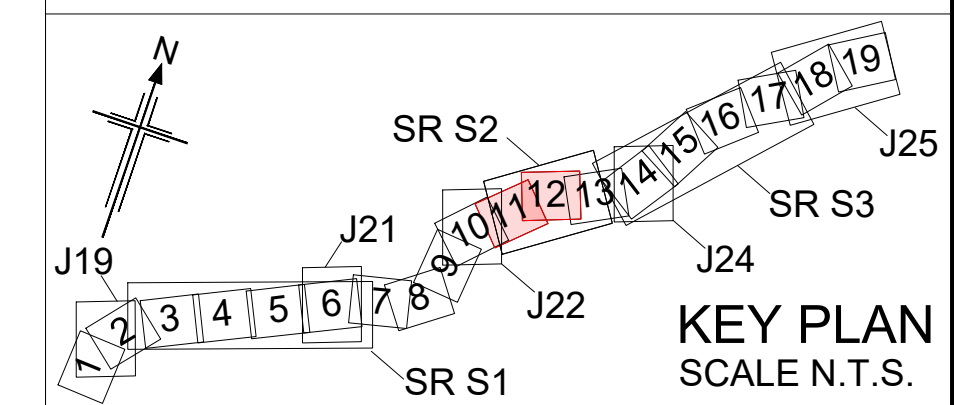
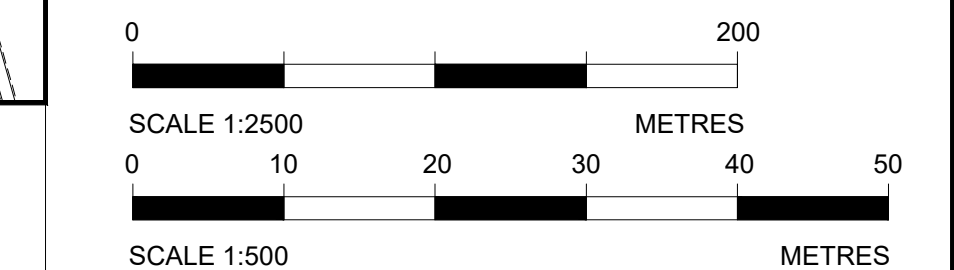
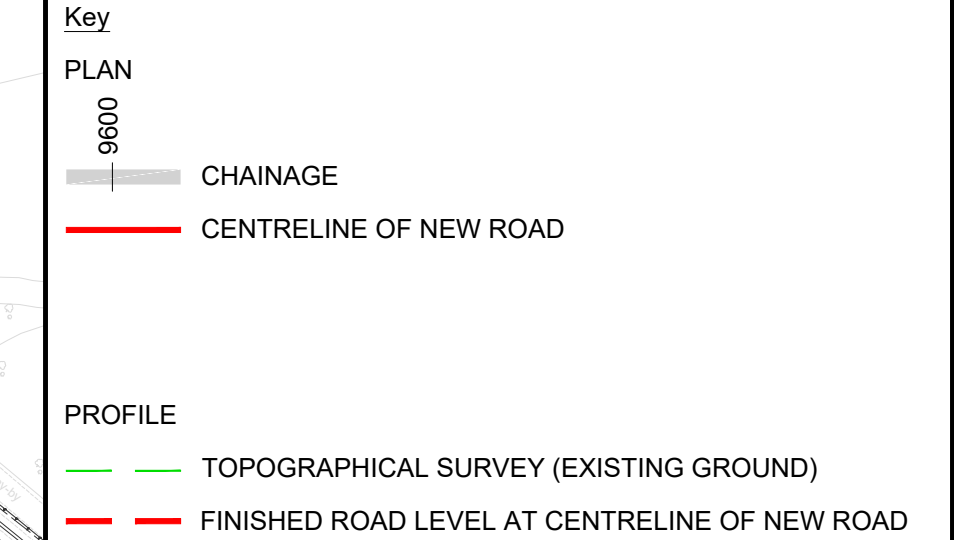
Drawing number	PIN	Originator	Volume
HE551497 - JAC - LDC - S2_SR			
Location	Type	Role	Number
			-DR- C -0104



PLAN VIEW
NEW B1024 LINK ROAD
WORK No. 39(c)
(SCALE 1:2500)

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HE551497-JAC-LDC-SCHW-DR-C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2021 FOR SIDE ROAD PROFILES.



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

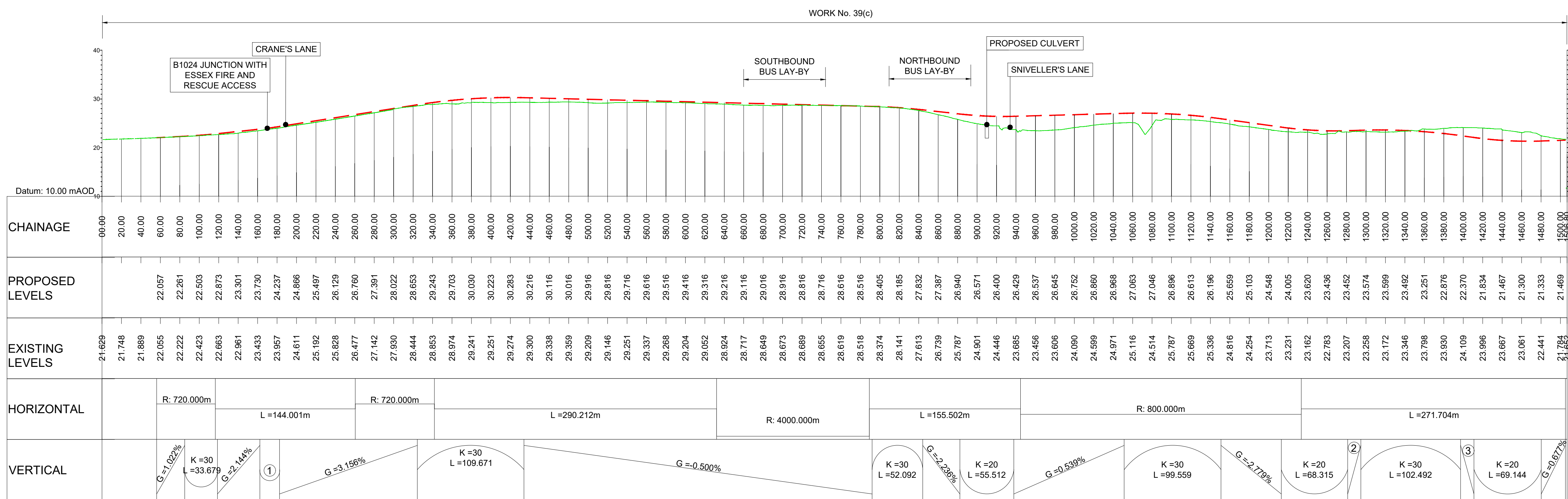


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S2 SHEET 5 OF 7**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

Drawing number: HE551497 - JAC - LDC - S2_SR
Originator: JAC - LDC - S2_SR
Volume: -DR- C -0105

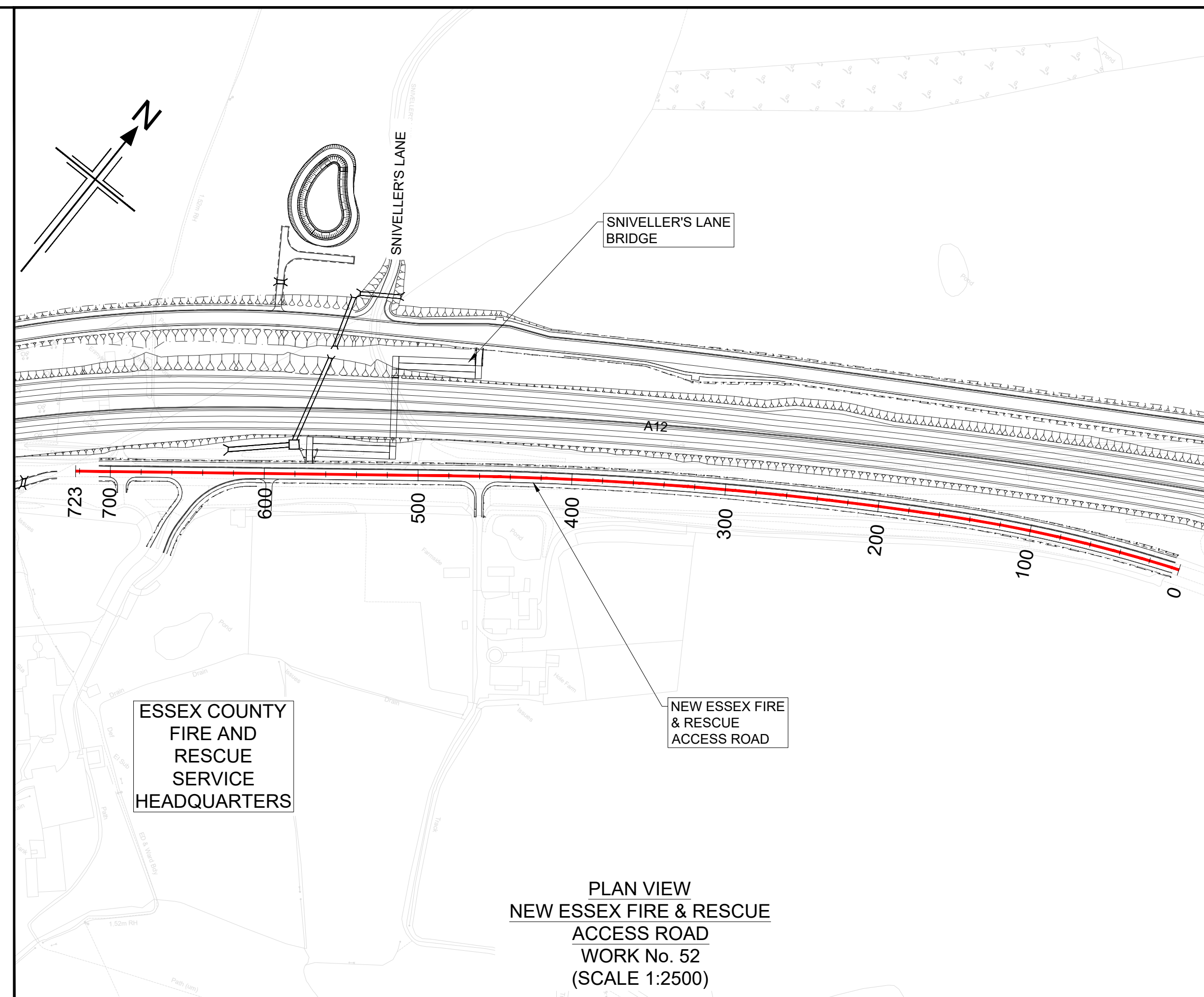
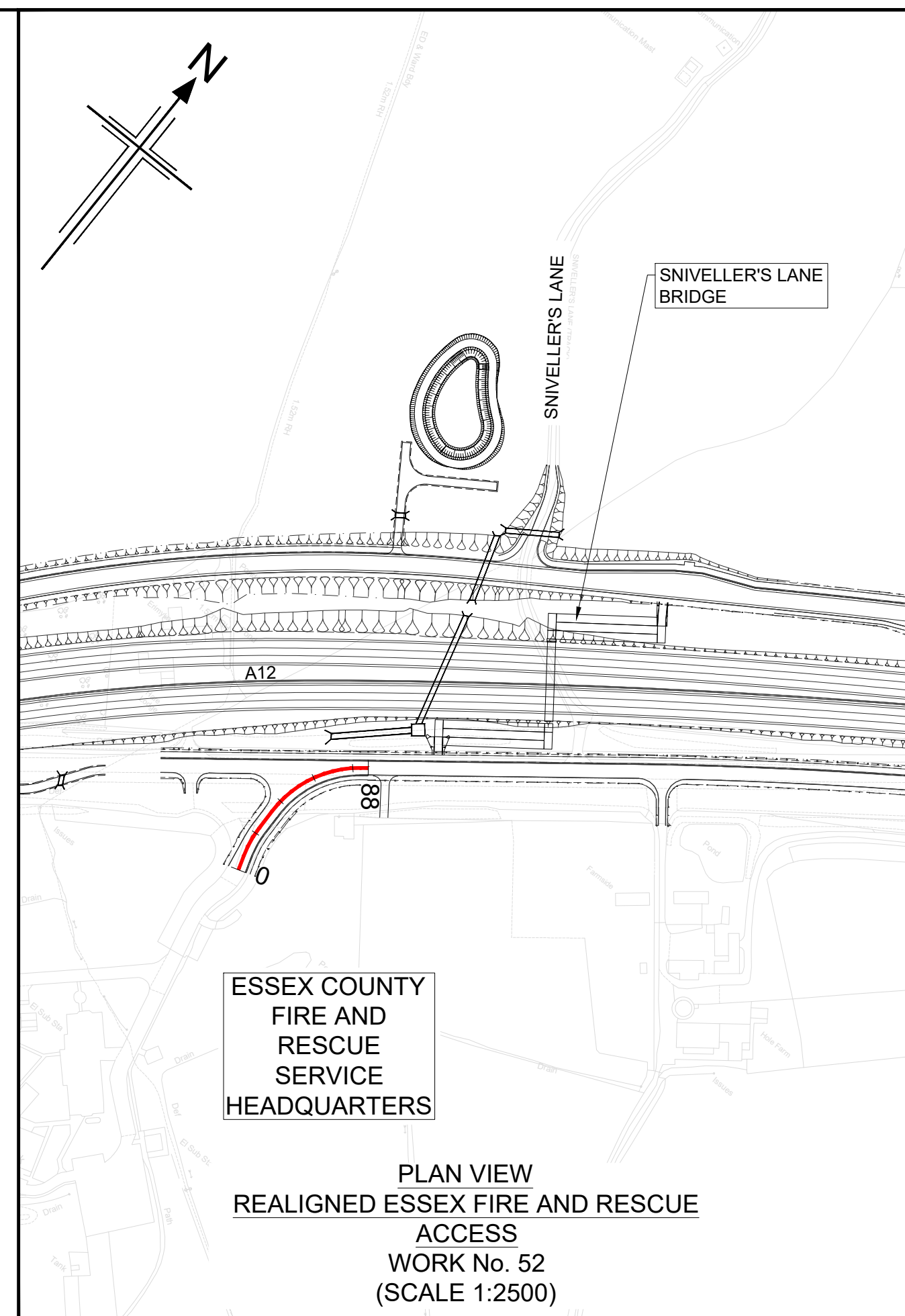
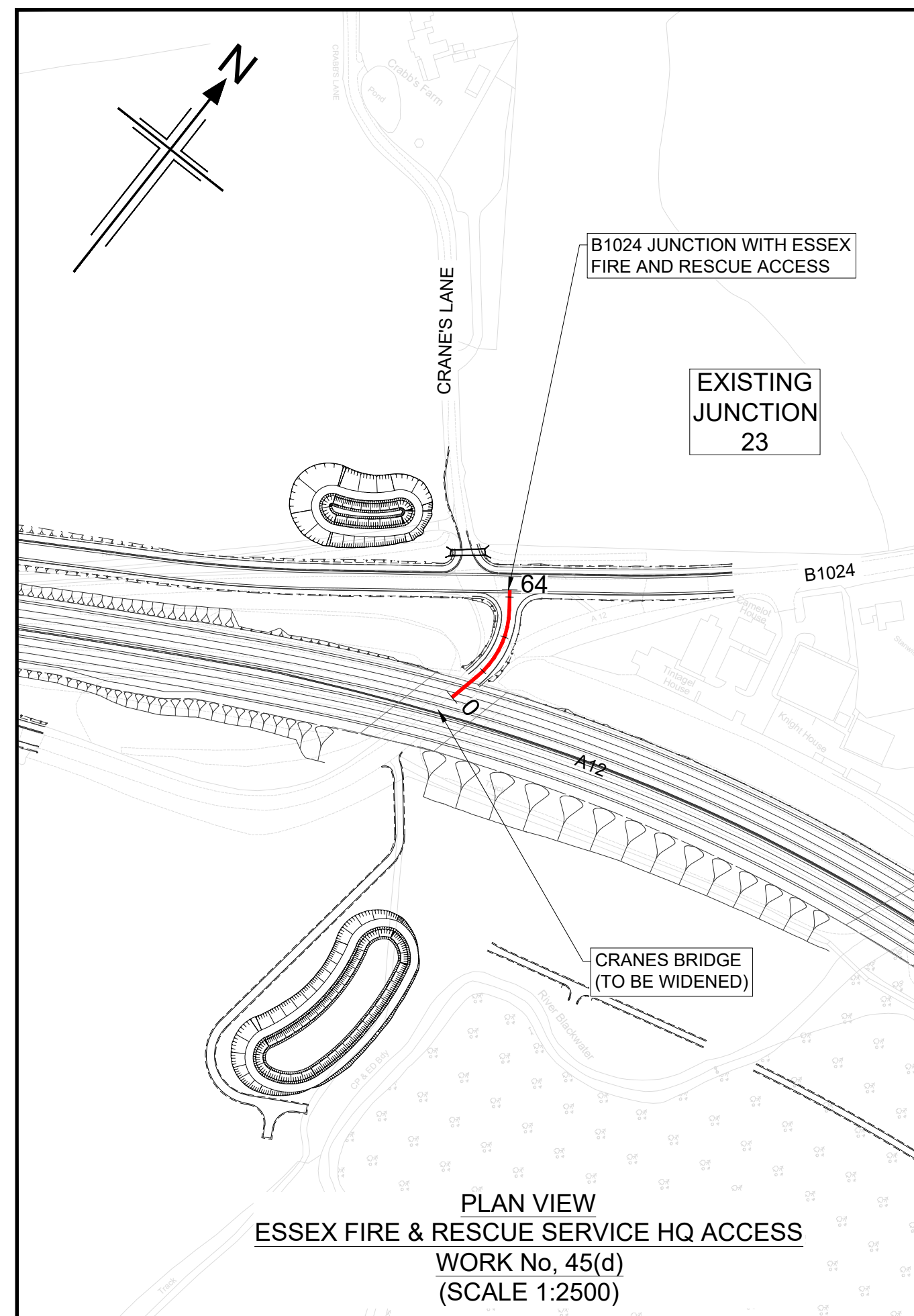


LONGITUDINAL SECTION
NEW B1024 LINK ROAD
(SCALE H=1:2500, V=1:500)

CHAINAGE	PROPOSED LEVELS	EXISTING LEVELS	HORIZONTAL	VERTICAL
00.00		21.629		
20.00		21.748		
40.00		21.869		
60.00	22.057	22.065	R: 720.000m	G = 1.022%
80.00	22.261	22.222		K = 30 L = 33.679
100.00	22.503	22.423		G = 2.144%
120.00	22.873	22.663		①
140.00	23.301	22.961	L = 144.001m	
160.00	23.730	23.433		
180.00	24.237	23.957		
200.00	24.866	24.611	R: 720.000m	
220.00	25.497	25.192		
240.00	26.129	25.628		
260.00	26.760	26.477		
280.00	27.391	27.142		
300.00	28.022	27.930		
320.00	28.653	28.444		
340.00	29.243	28.863		
360.00	29.703	29.274		
380.00	30.030	29.241		
400.00	30.223	29.251		
420.00	30.283	29.274		
440.00	30.216	29.300		
460.00	30.116	29.338		
480.00	30.016	29.359		
500.00	29.916	29.209		
520.00	29.816	29.146		
540.00	29.716	29.251		
560.00	29.616	29.337		
580.00	29.516	29.288		
600.00	29.416	29.204		
620.00	29.316	29.052		
640.00	29.216	28.924		
660.00	29.116	28.717		
680.00	29.016	28.649		
700.00	28.916	28.673		
720.00	28.816	28.689		
740.00	28.716	28.655		
760.00	28.616	28.619		
780.00	28.516	28.518		
800.00	28.405	28.374		
820.00	28.185	28.141		
840.00	27.832	27.613		
860.00	27.387	26.739		
880.00	26.940	25.787		
900.00	26.571	24.901		
920.00	26.400	24.446		
940.00	26.429	23.685		
960.00	26.537	23.456		
980.00	26.645	23.606		
1000.00	26.752	24.090		
1020.00	26.860	24.589		
1040.00	26.968	24.971		
1060.00	27.063	25.116		
1080.00	27.046	24.514		
1100.00	26.896	25.787		
1120.00	26.613	25.669		
1140.00	26.196	25.336		
1160.00	25.659	24.816		
1180.00	25.103	24.254		
1200.00	24.548	23.713		
1220.00	24.005	23.231		
1240.00	23.620	23.162		
1260.00	23.436	22.783		
1280.00	23.452	23.207		
1300.00	23.574	23.258		
1320.00	23.599	23.172		
1340.00	23.492	23.346		
1360.00	23.251	23.798		
1380.00	22.876	23.930		
1400.00	22.370	24.109		
1420.00	21.834	23.996		
1440.00	21.467	23.687		
1460.00	21.300	23.061		
1480.00	21.333	22.441		
1500.00	21.469	21.784		

- ① K = 20; L = 20.231
- ② G = 0.636%
- ③ G = -2.780%

C:\working\jacobs_uk_highways_ssa\legiml_had0155545\HE551497-JAC-LDC-S2_SR-DC-0105.dwg - 8/2/2022 12:33:22 PM - A1Frame - HA



NOTES

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HE551497-JAC-LDC-SCHW-DR-C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

- CHAINAGE
- CENTRELINE OF NEW ROAD

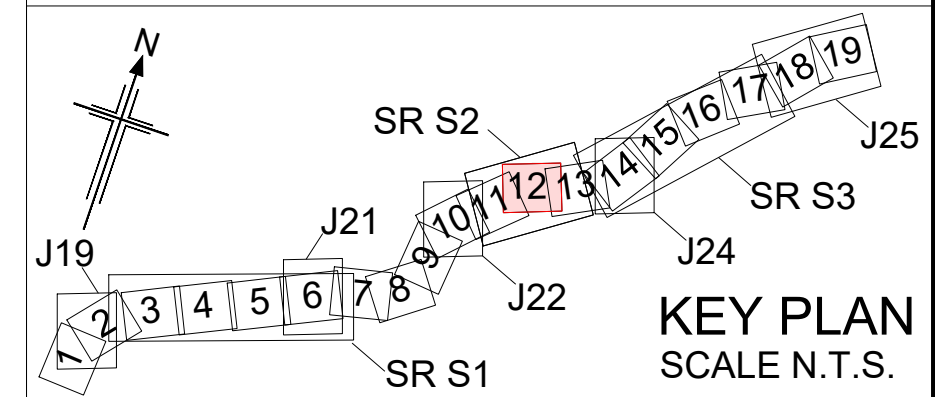
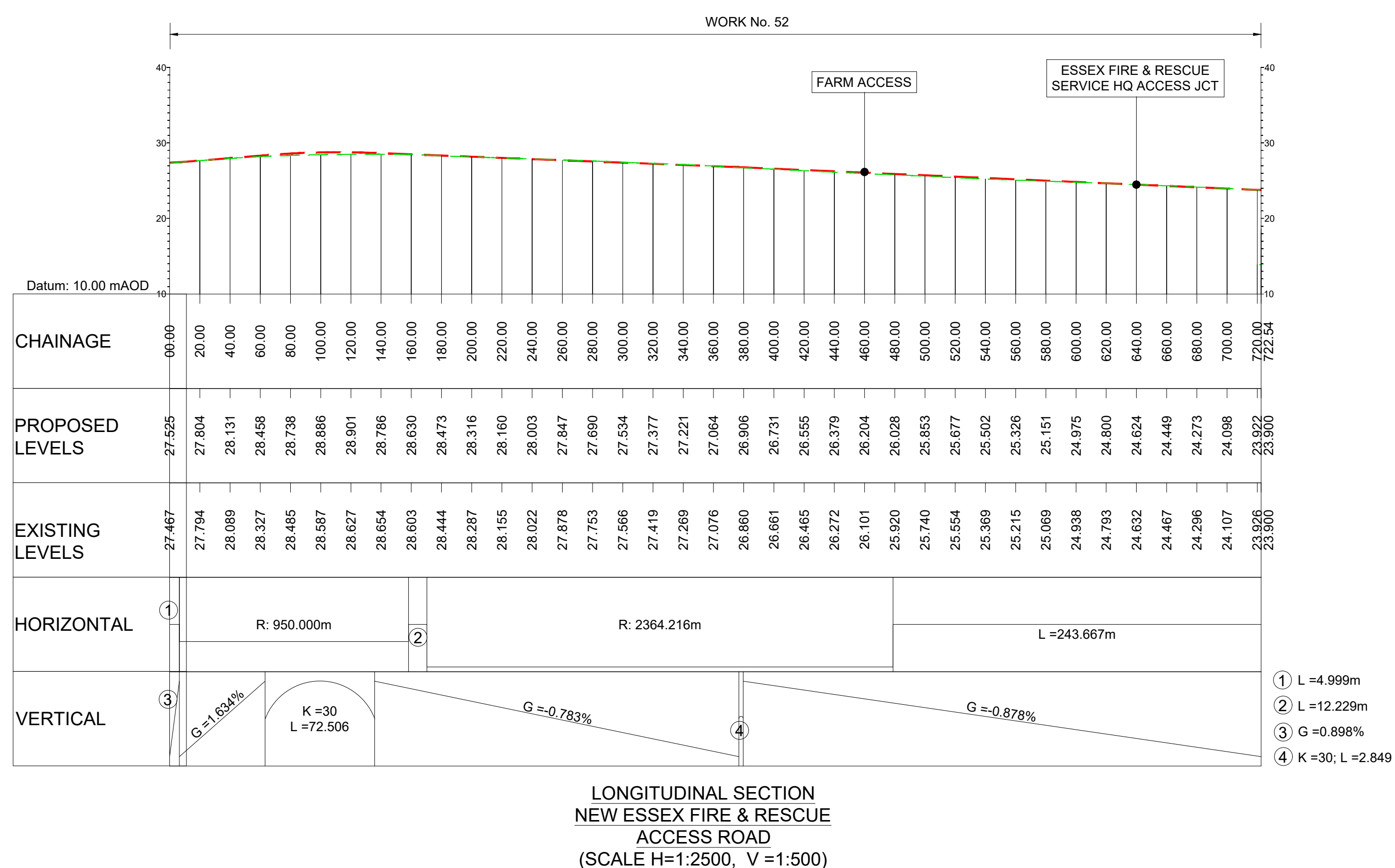
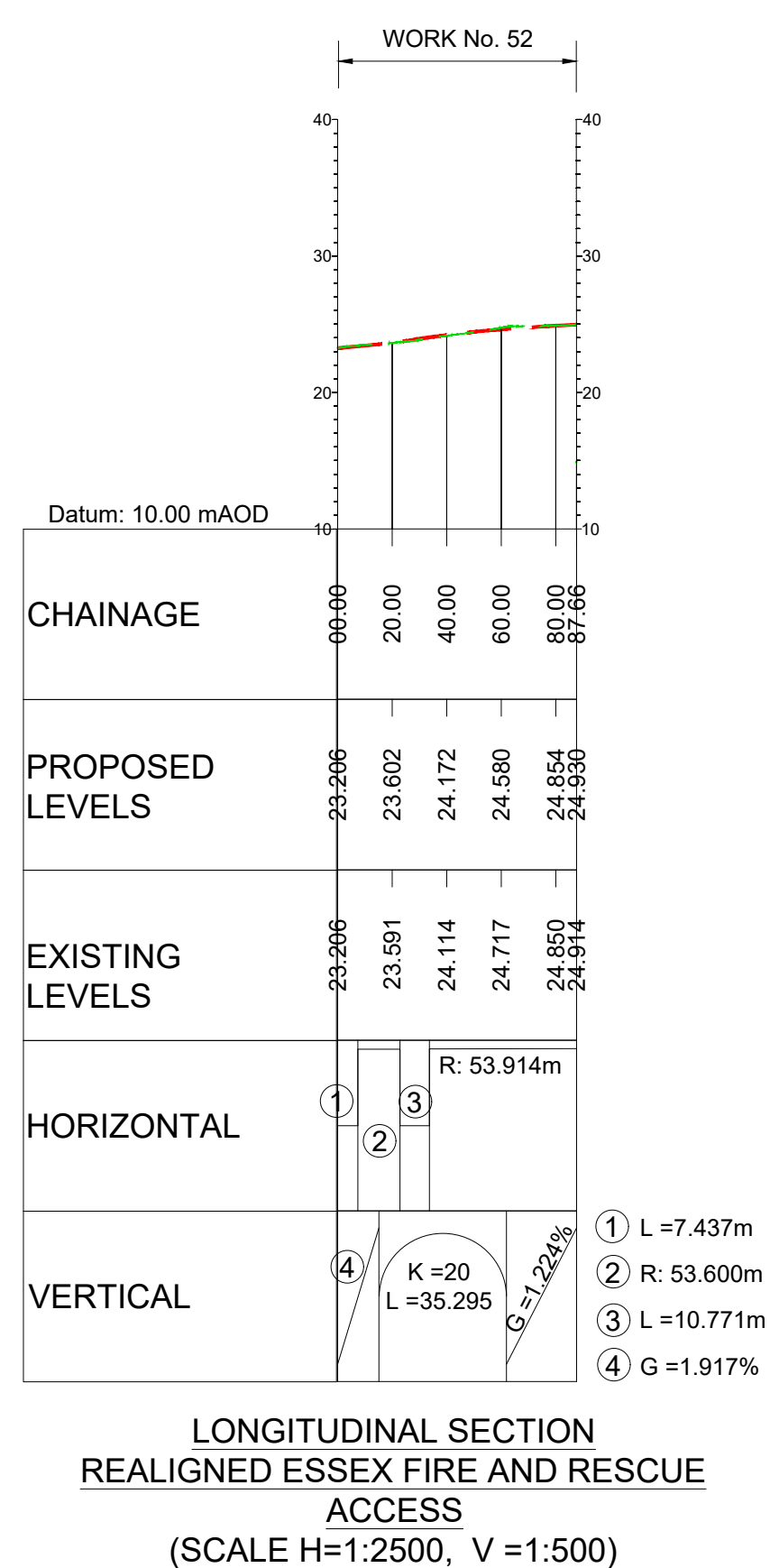
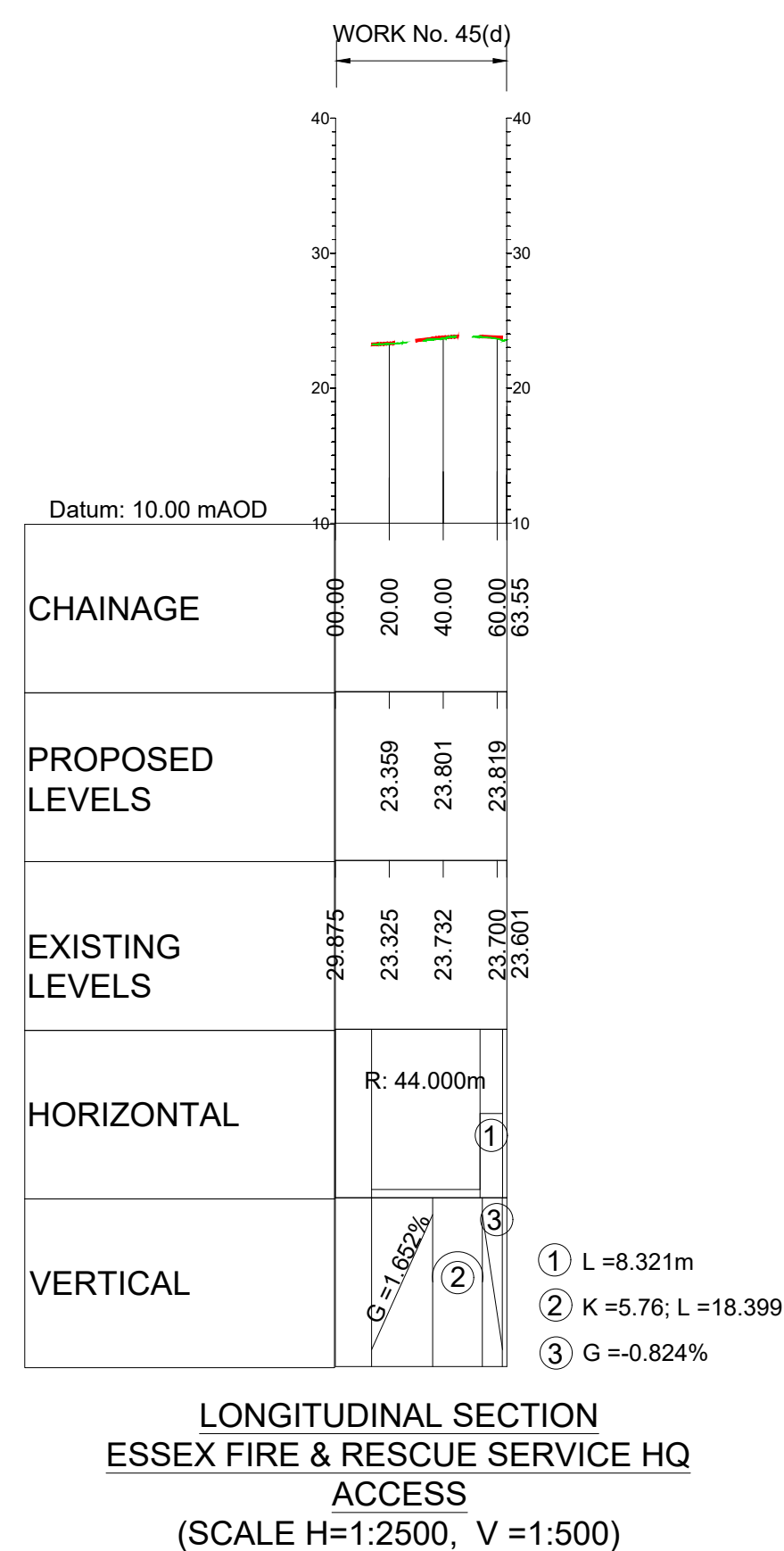
PROFILE

- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
- FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

0 200
SCALE 1:2500 METRES

0 10 20 30 40 50
SCALE 1:500 METRES

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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

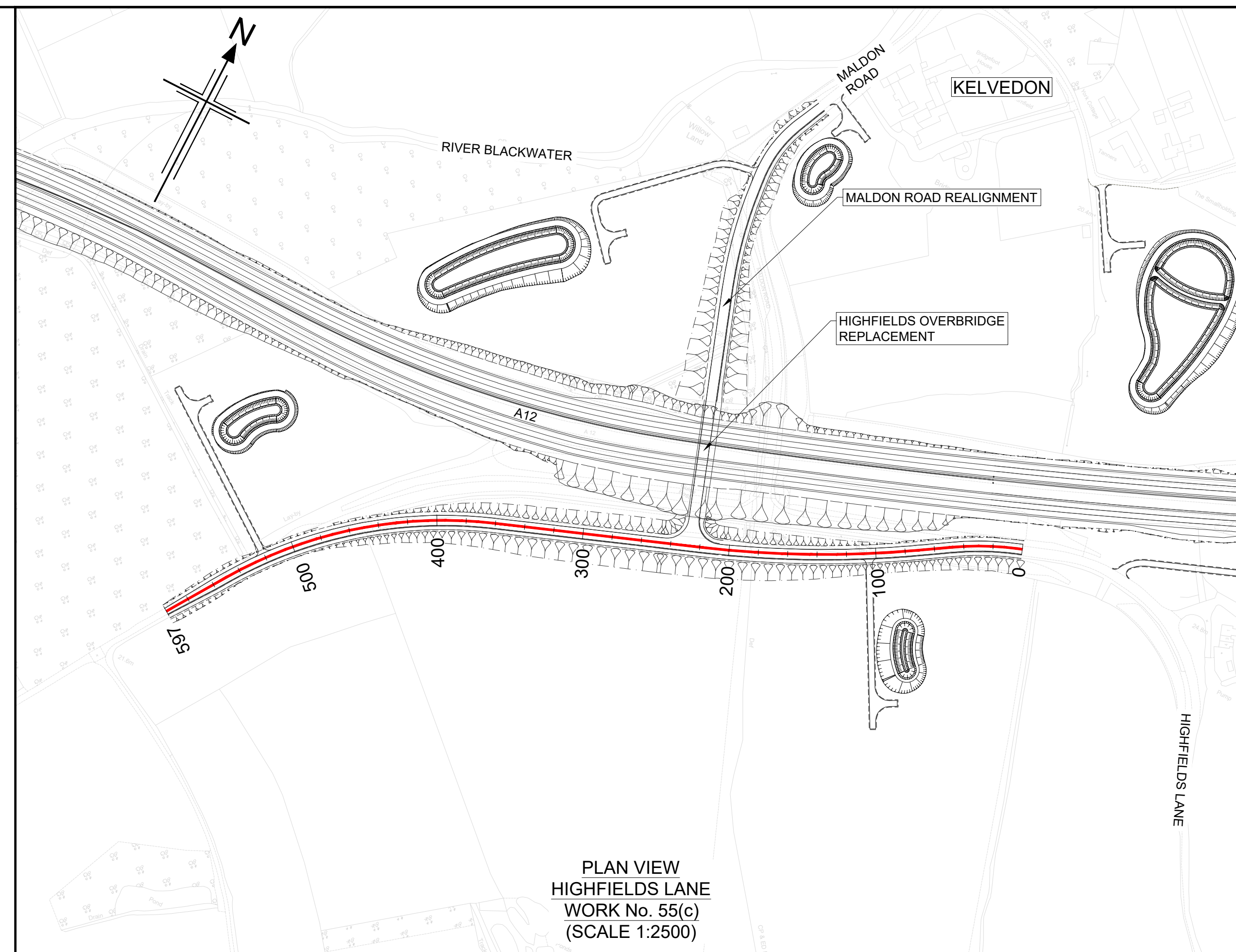
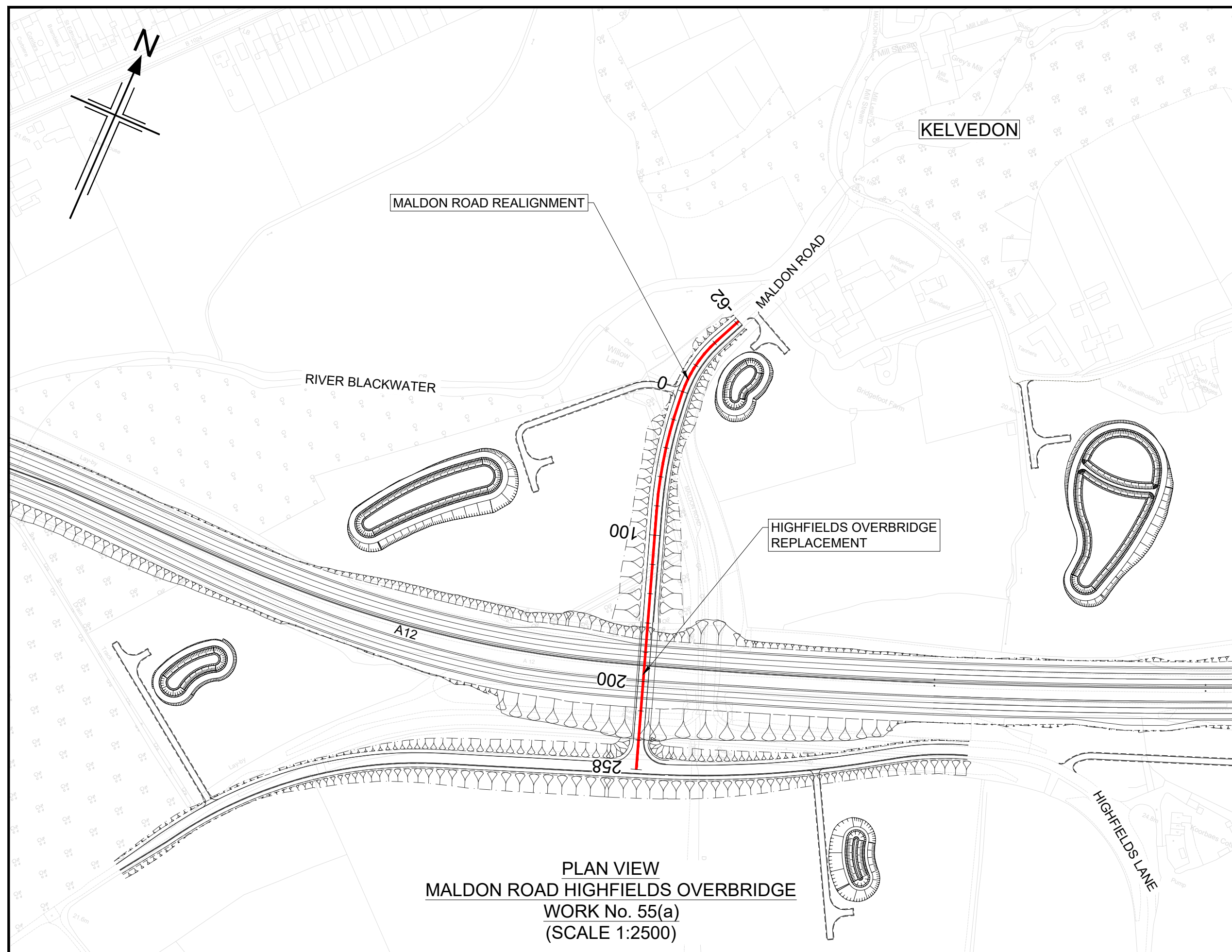
Client: **national highways**

Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing title: **ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S2 SHEET 6 OF 7**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

Drawing number	PIN	Originator	Volume
HE551497 -	JAC	LDC -	
S2_SR		-DR- C -0106	



NOTES

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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

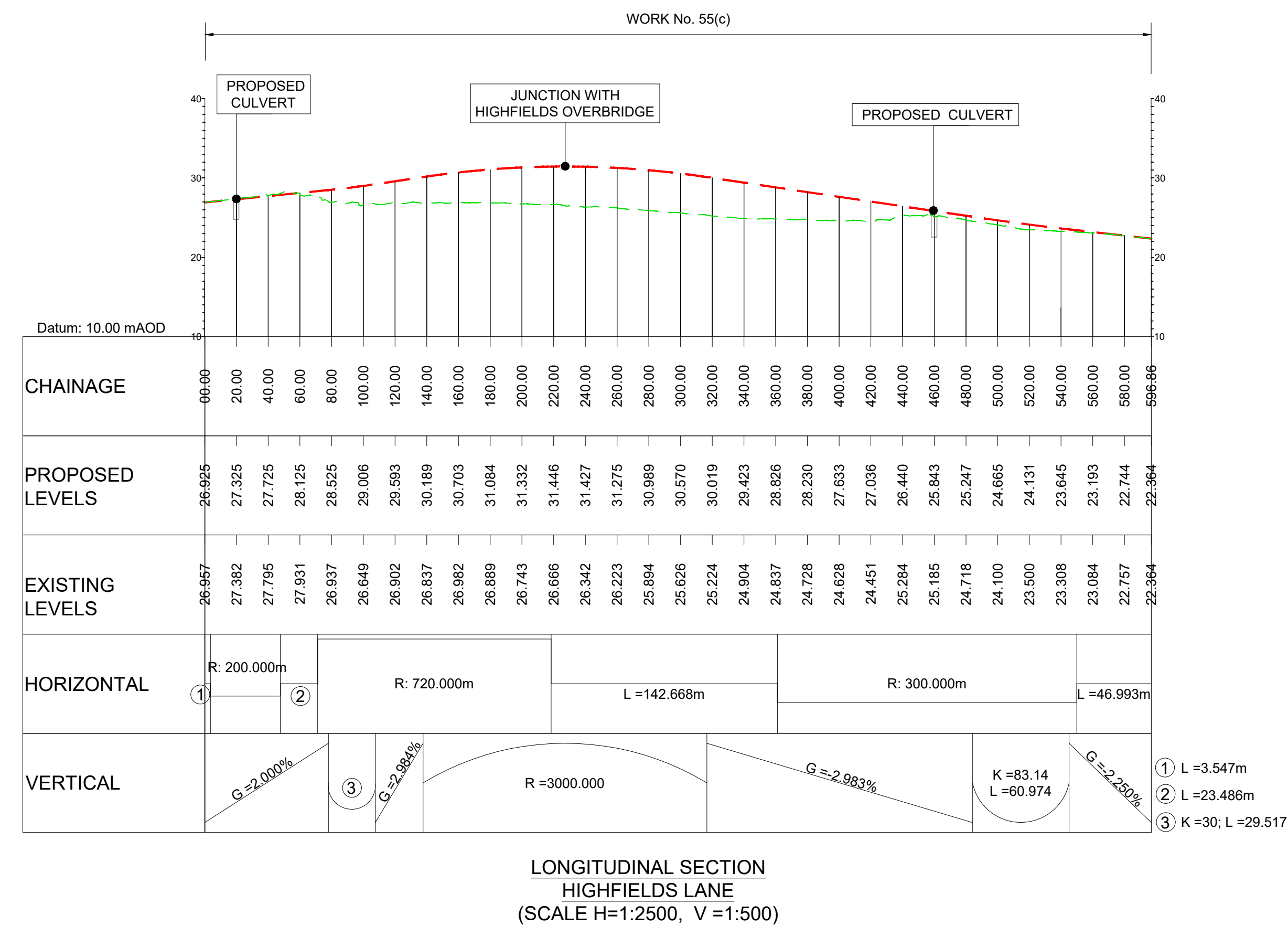
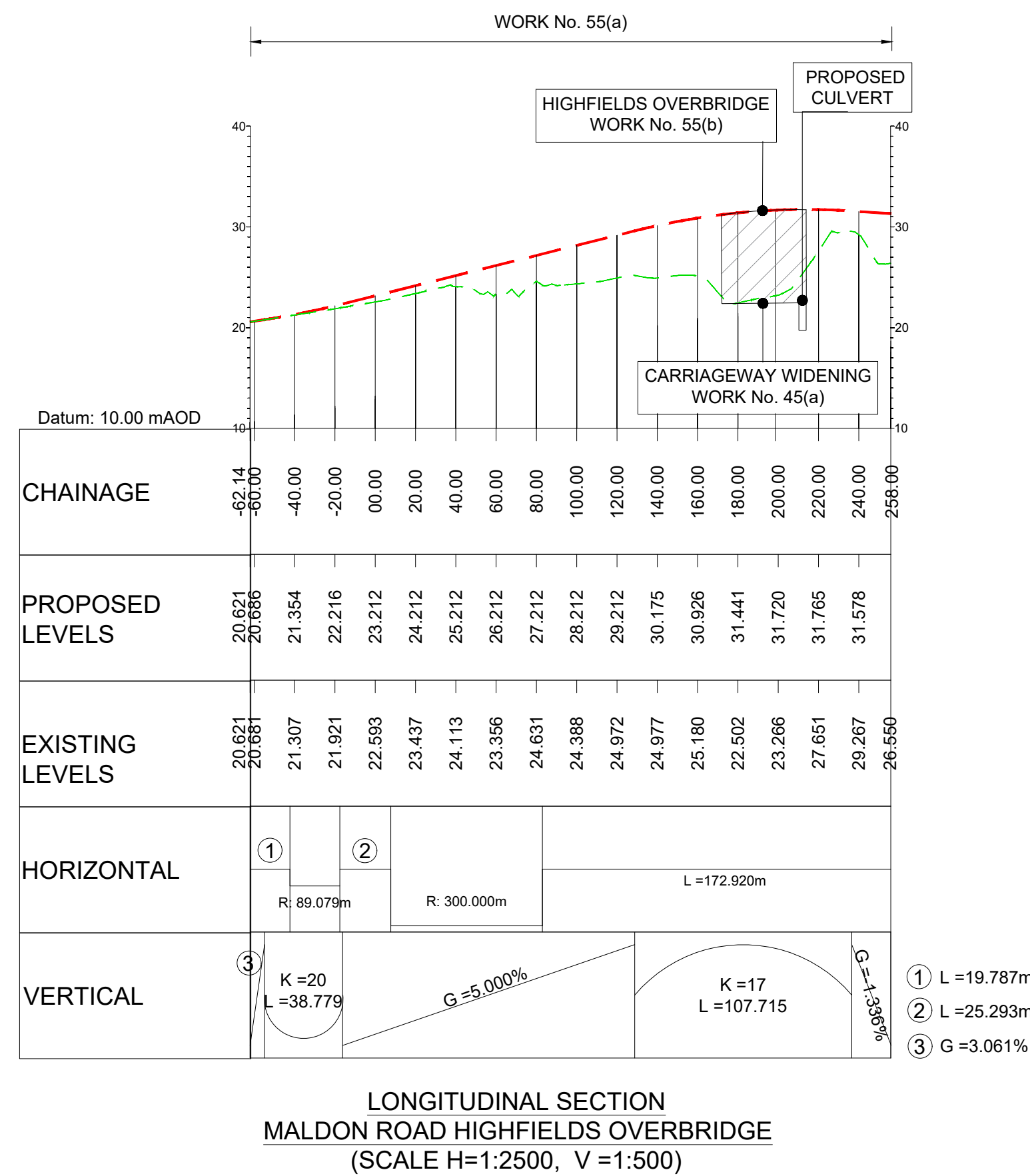
- 9600
- CHAINAGE
- CENTRELINE OF NEW ROAD

PROFILE

- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
- FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

0 200
SCALE 1:2500 METRES
0 10 20 30 40 50
SCALE 1:500 METRES

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**KEY PLAN
SCALE N.T.S.**

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

national highways

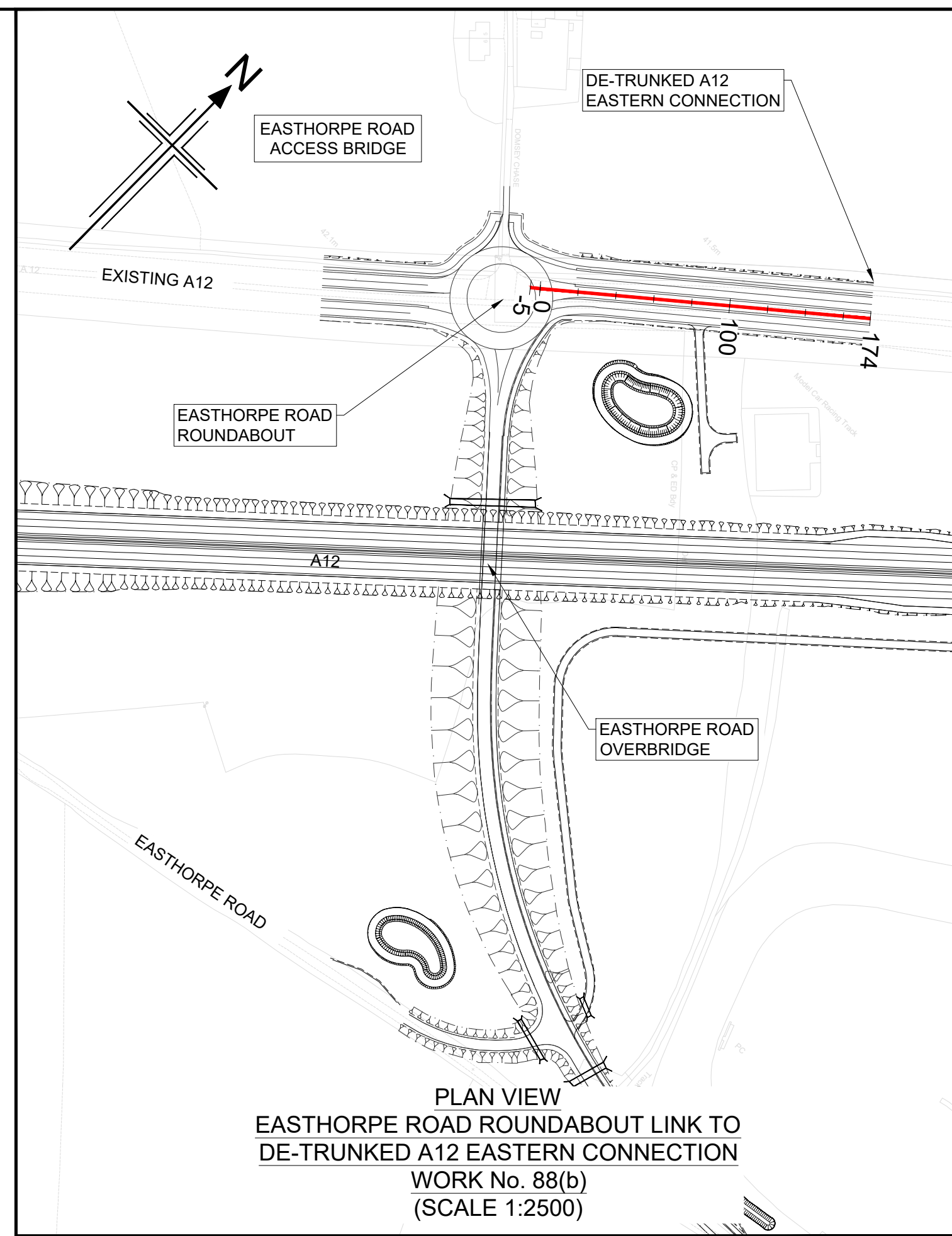
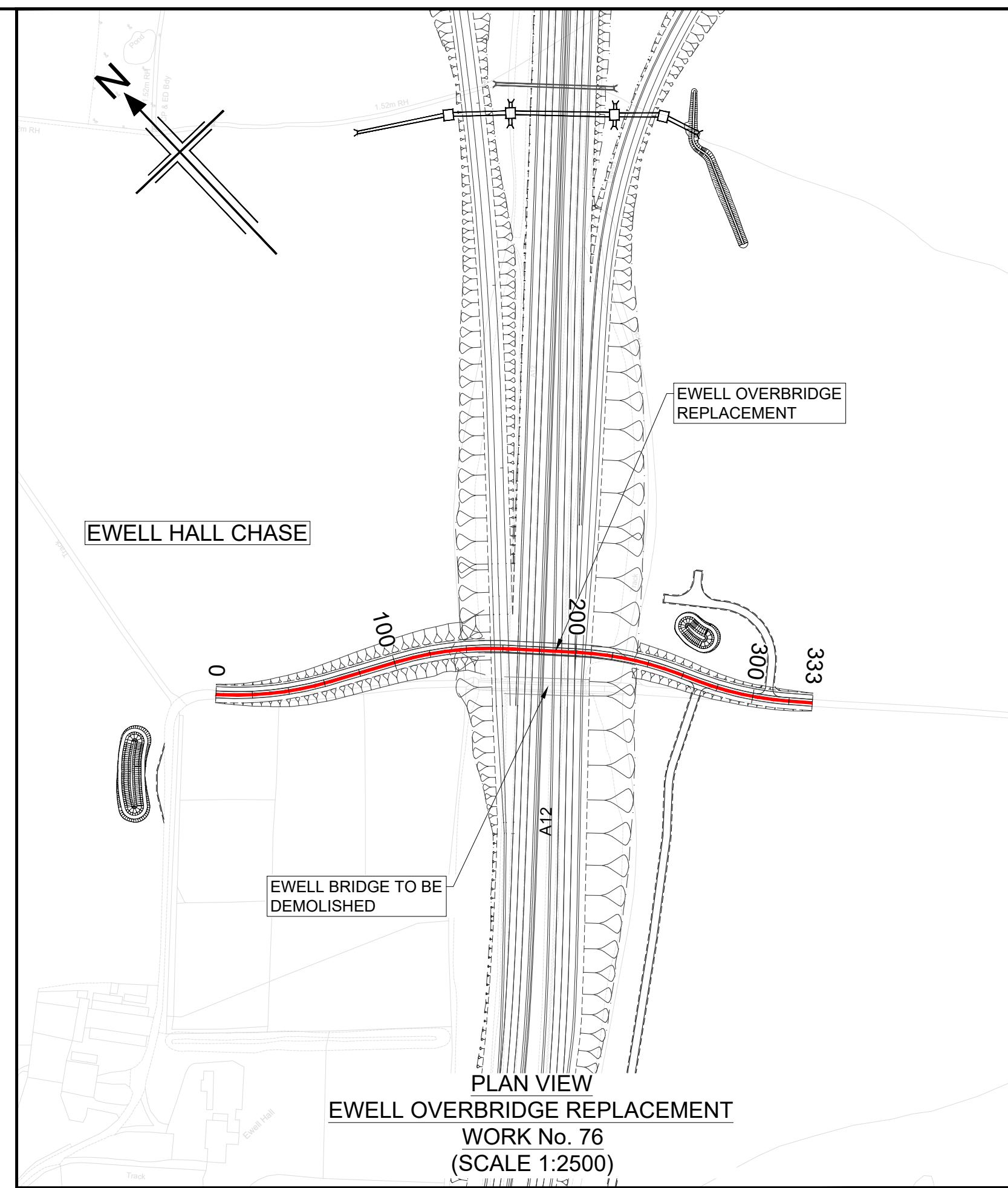
A12 CHELMSFORD TO A120 WIDENING SCHEME

**ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S2 SHEET 7 OF 7**

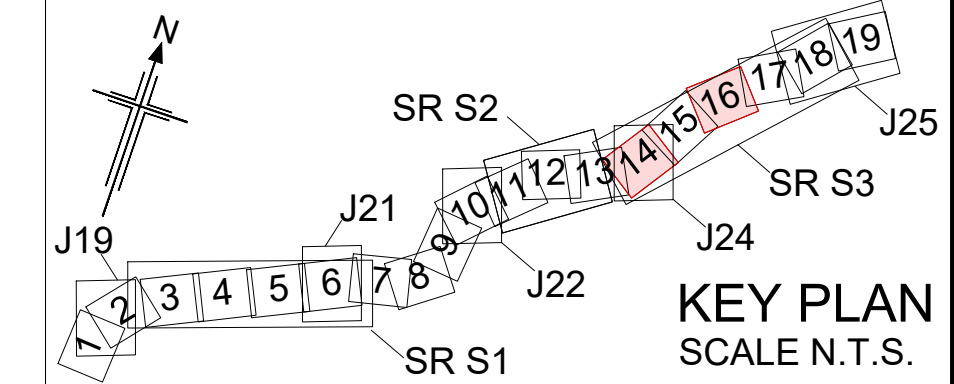
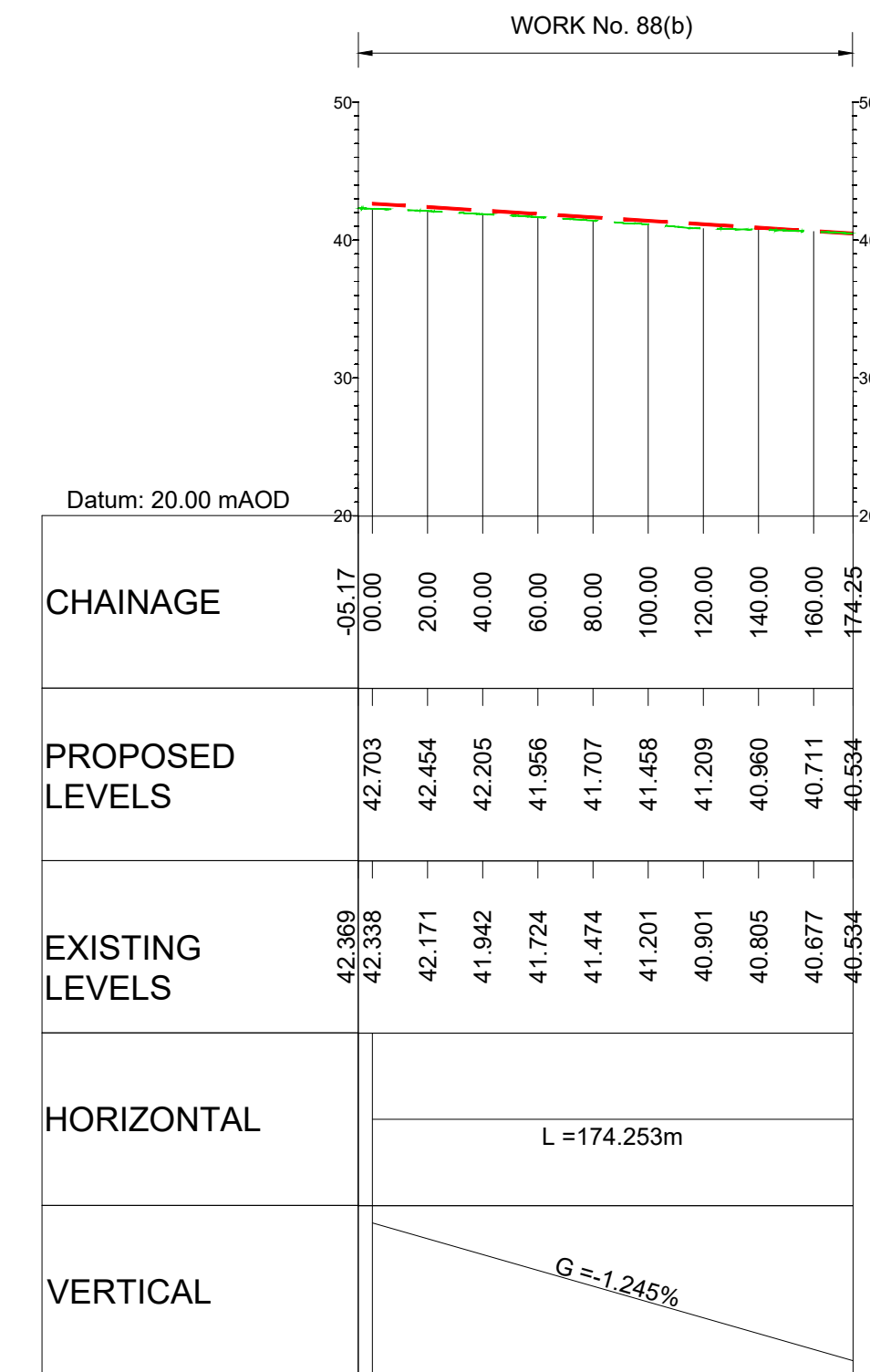
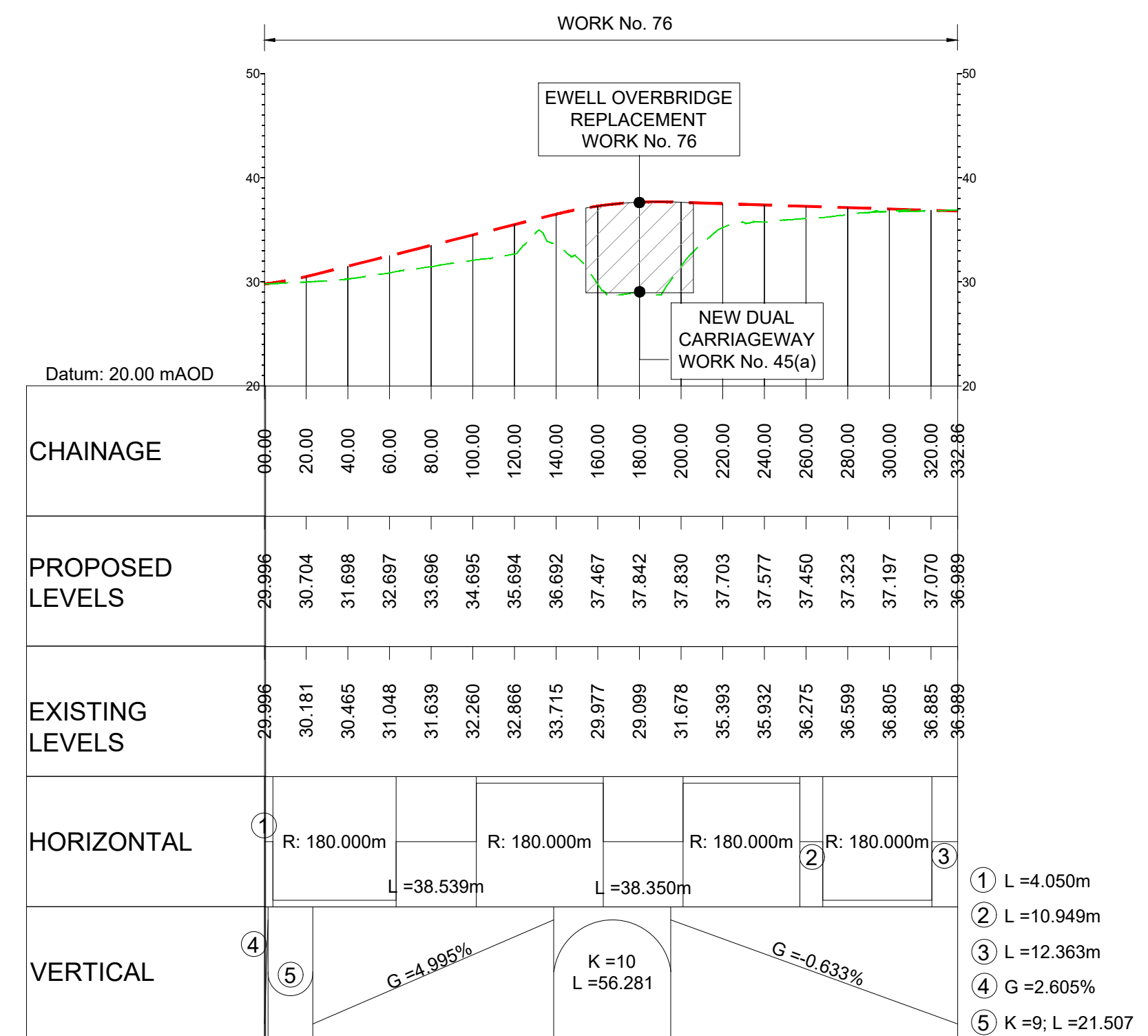
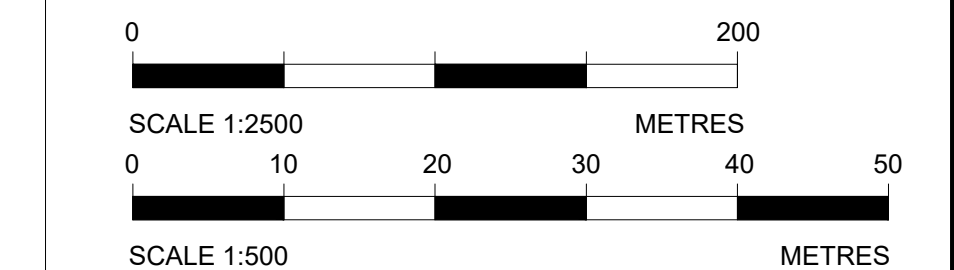
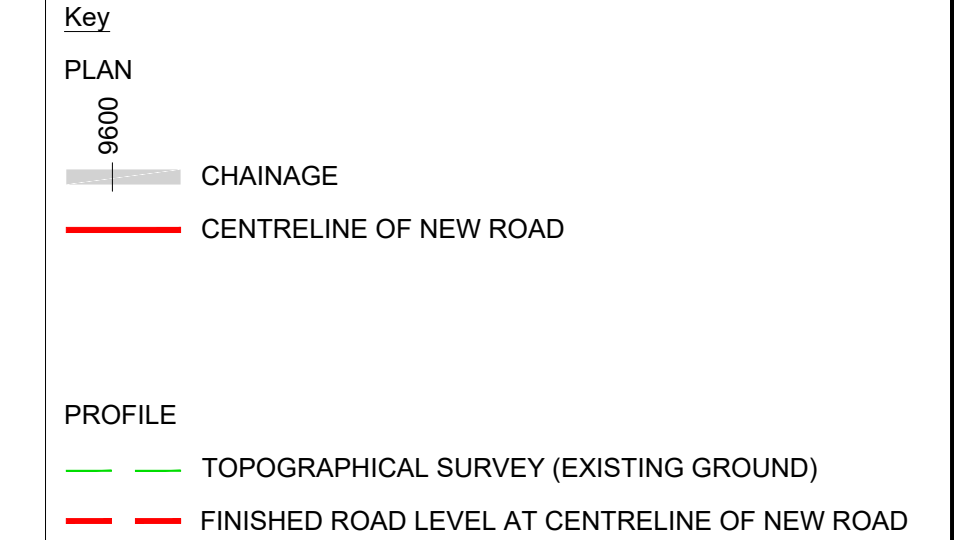
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	P01

HE551497 - JAC - LDC - S2_SR - DR - C - 0107

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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.



P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number:		Development Consent Order Drawing Number:	
TR010060		TR010060/APP/2.11	



Client: national highways

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 1 OF 10**

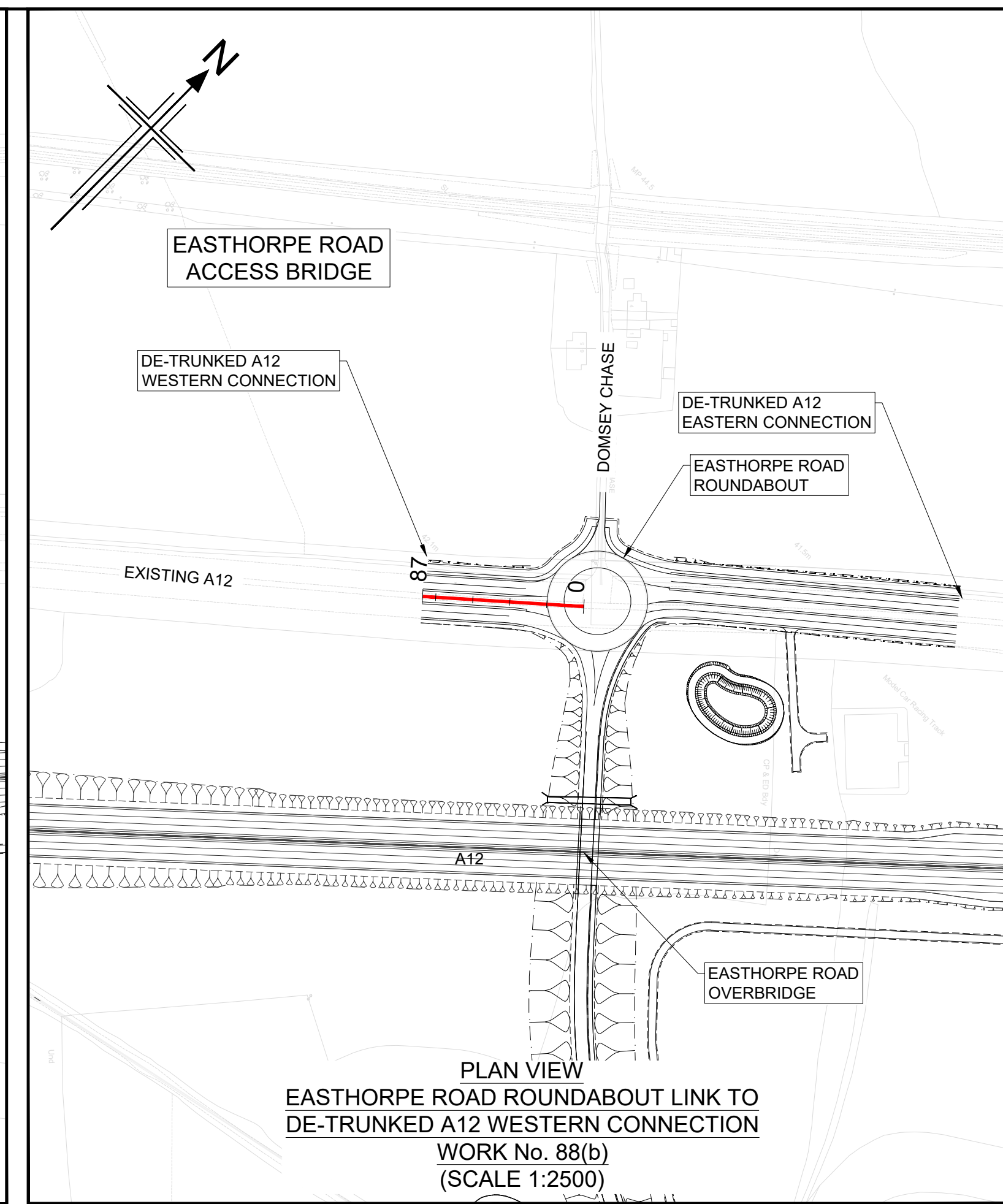
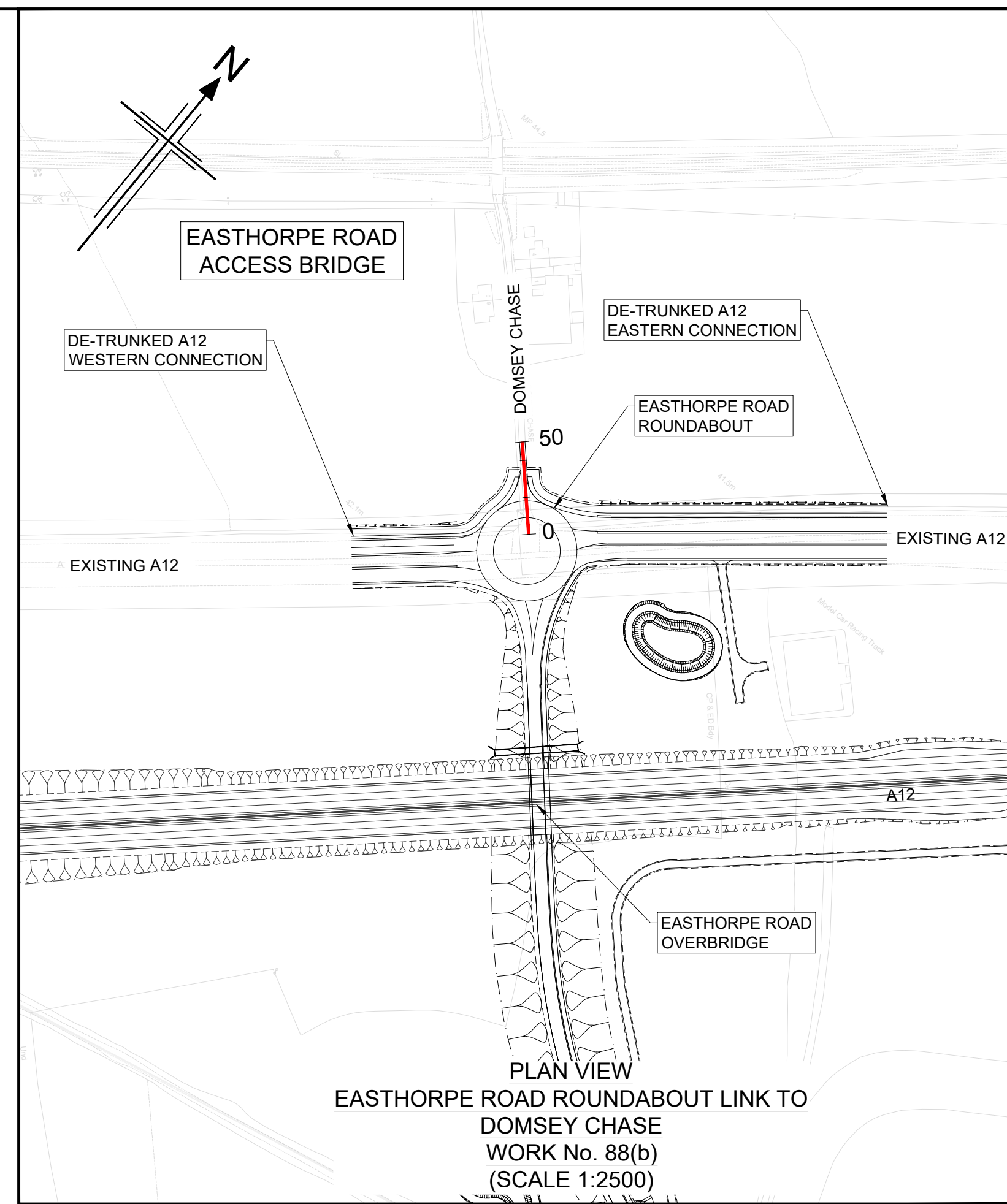
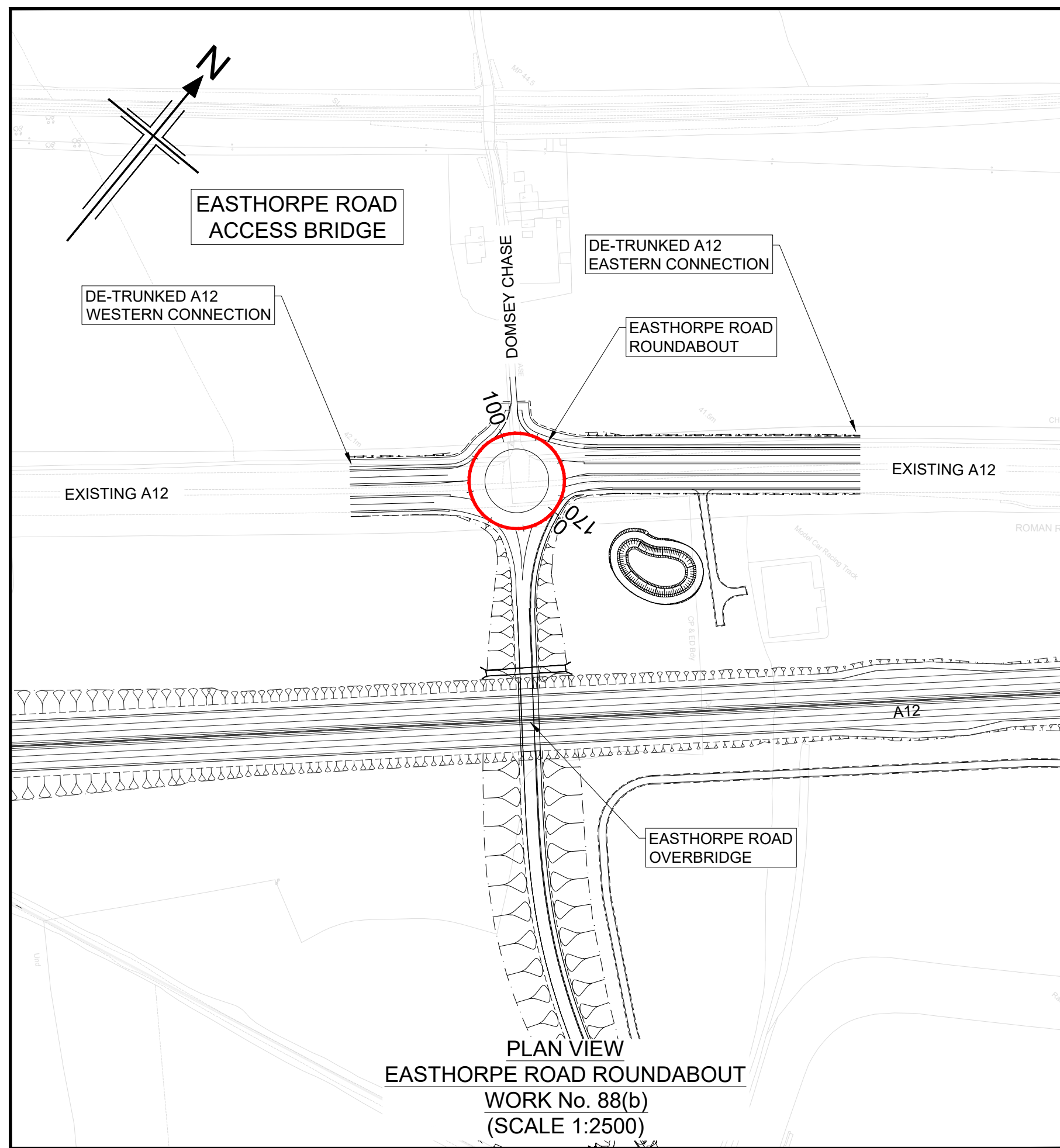
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	P01
Jacobs No.	B36601D1		
Client no.	HE551497		

Drawing number: HE551497 - JAC - LDC - S3_SR -DR- C -0301

PIN: | Originator: | Volume: | Location: | Type: | Role: | Number:

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HE551497-JAC-LDC-SCHW-DR-C-2000 FOR MAINLINE PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

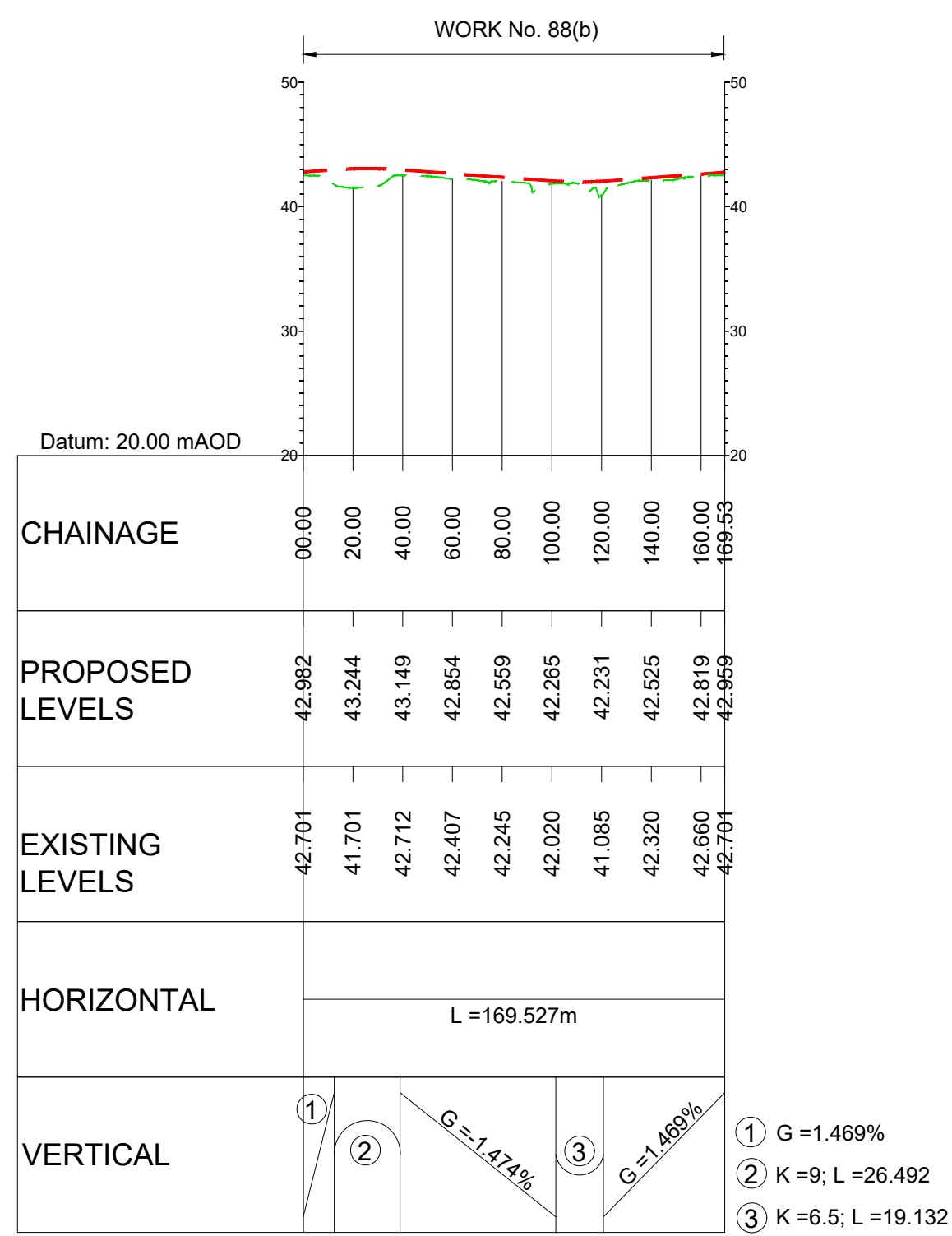
- CHAINAGE
- CENTRELINE OF NEW ROAD

PROFILE

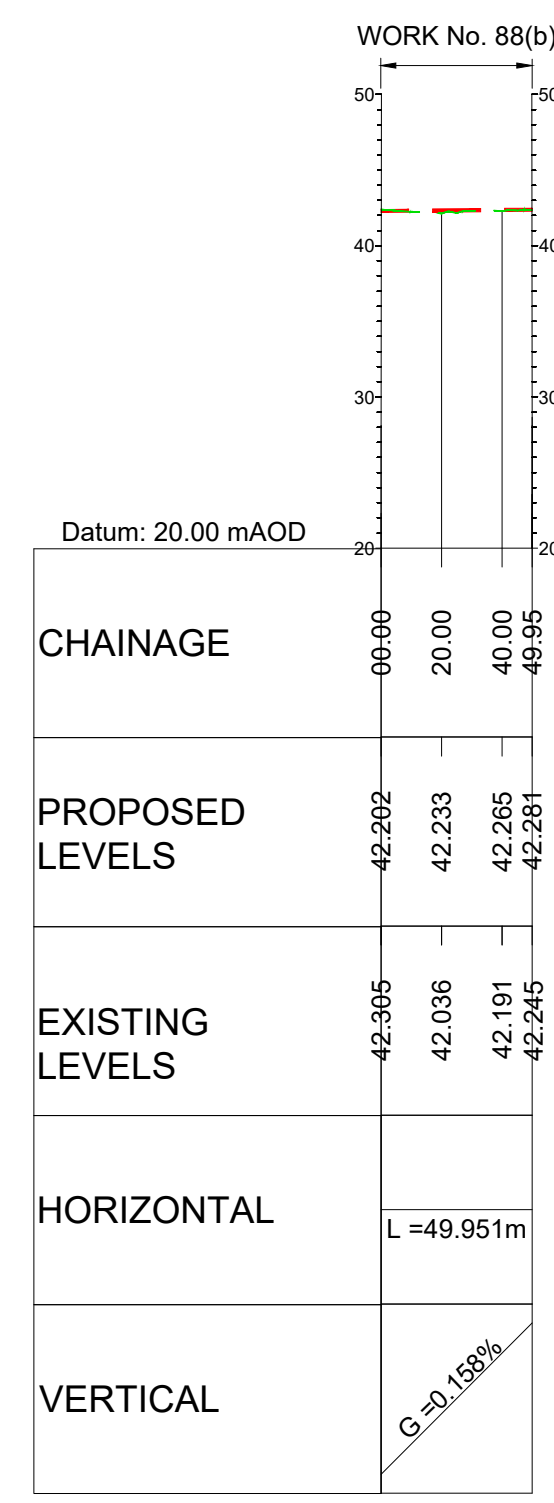
- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
- FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

0 200
SCALE 1:2500 METRES
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SCALE 1:500 METRES

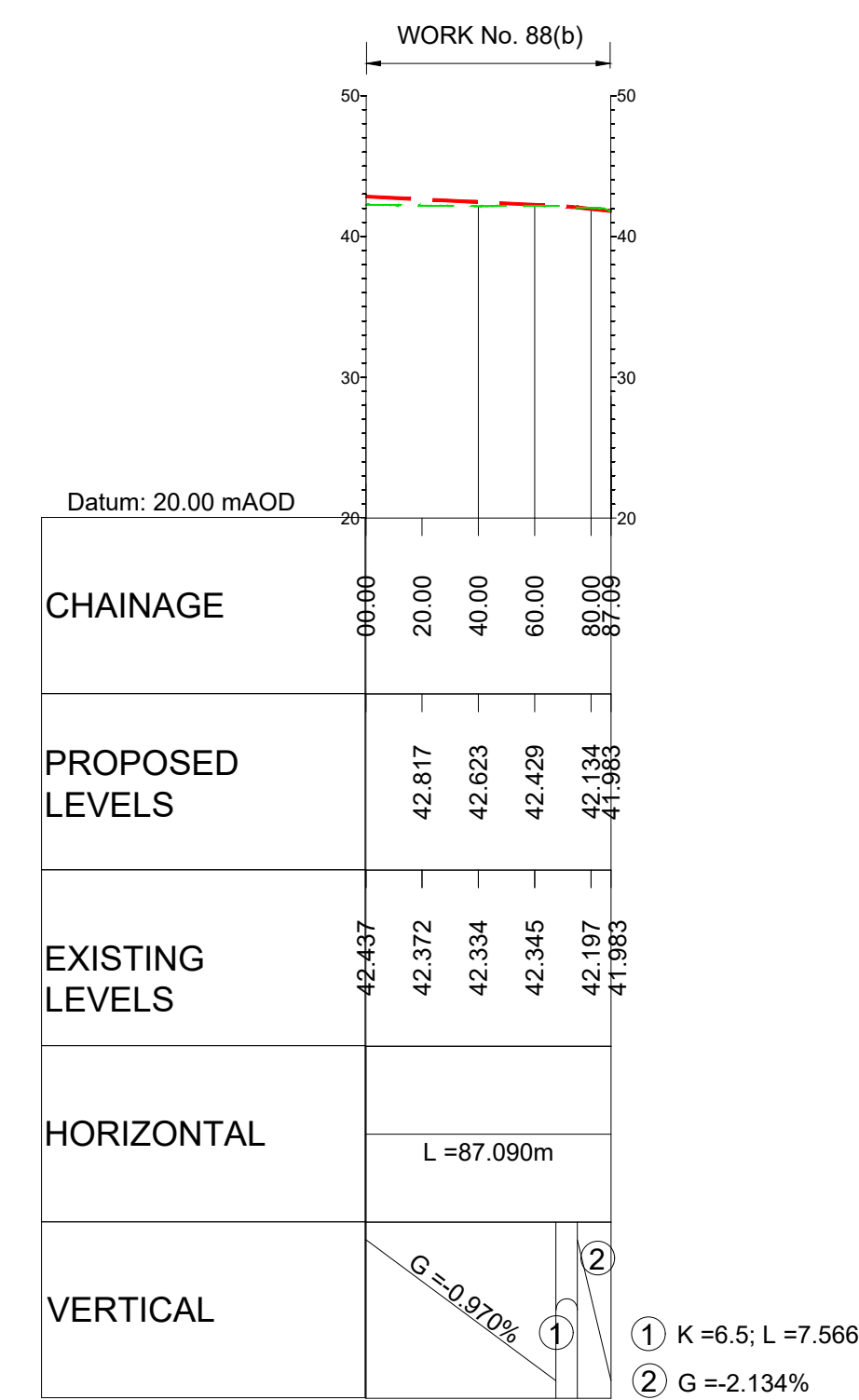
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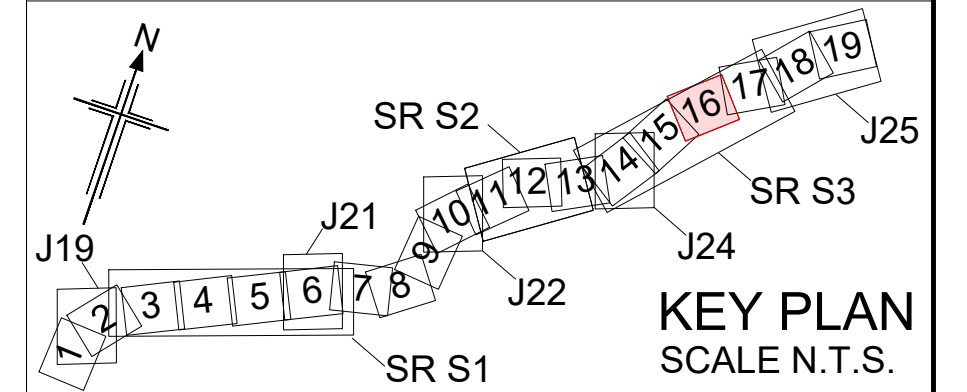
**LONGITUDINAL SECTION
EASTHORPE ROAD
ROUNDABOUT
(SCALE H=1:2500, V = 1:500)**



**LONGITUDINAL SECTION
EASTHORPE ROAD ROUNDABOUT LINK TO
DOMSEY CHASE
(SCALE H=1:2500, V = 1:500)**



**LONGITUDINAL SECTION
EASTHORPE ROAD ROUNDABOUT LINK
TO DE-TRUNKED A12 WESTERN
CONNECTION
(SCALE H=1:2500, V = 1:500)**



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

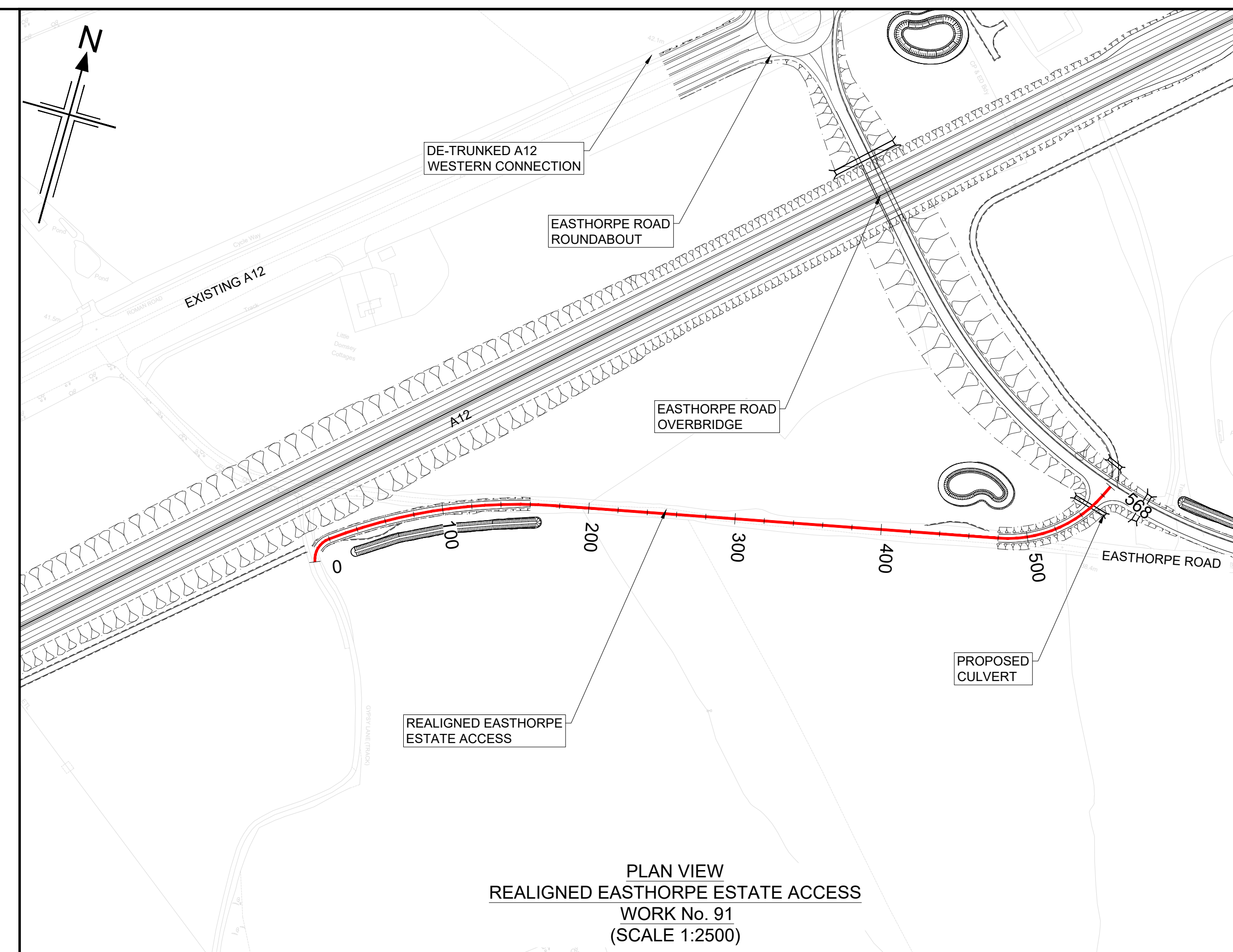
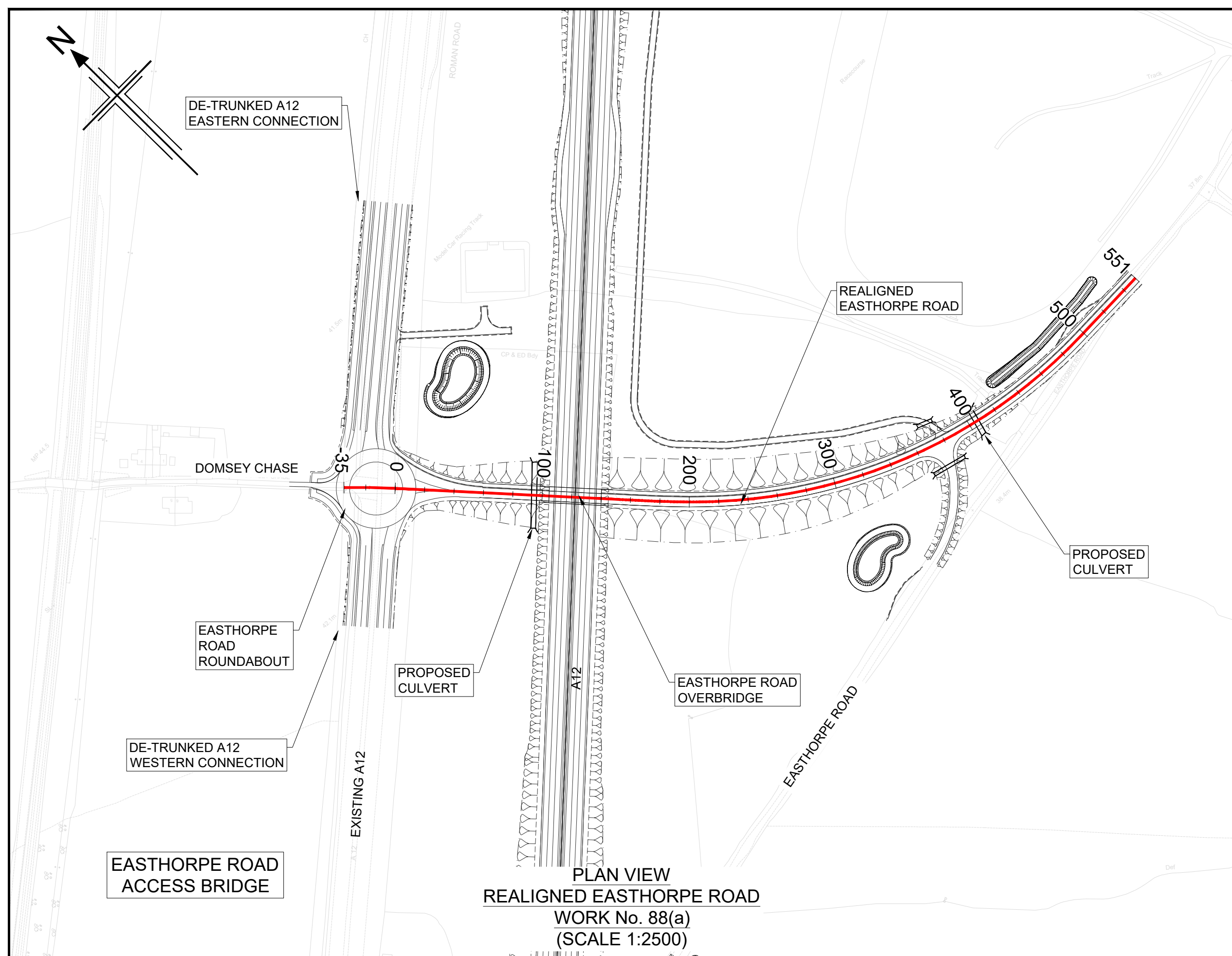
Client: **national highways**

Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

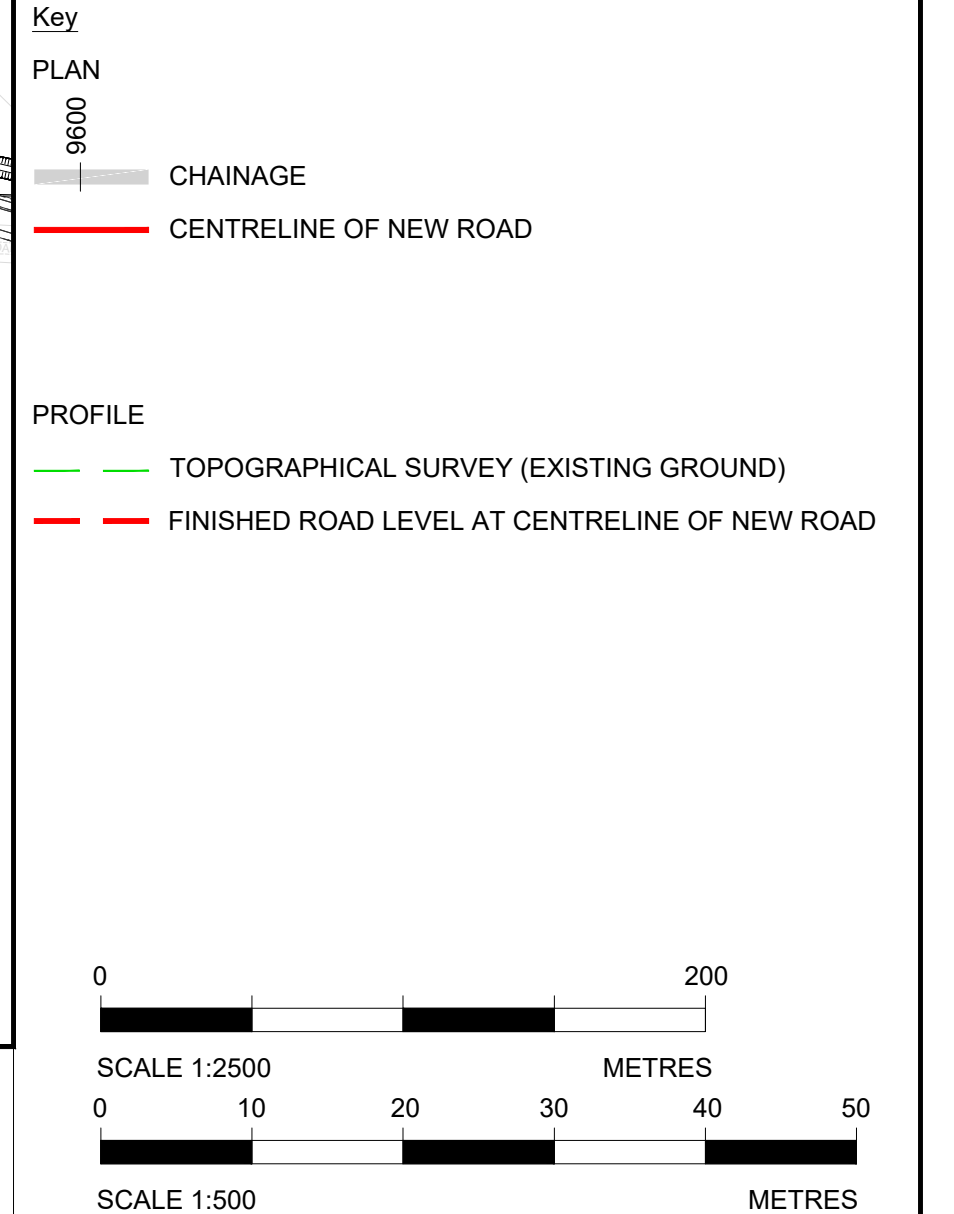
Drawing title: **ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 2 OF 10**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

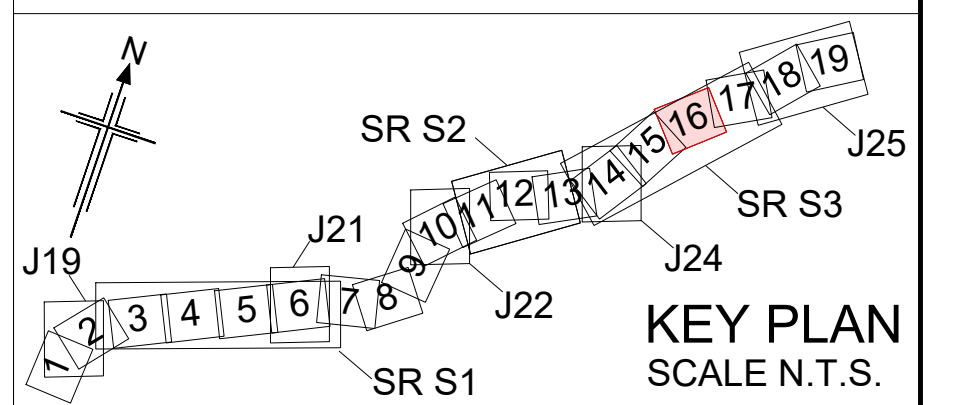
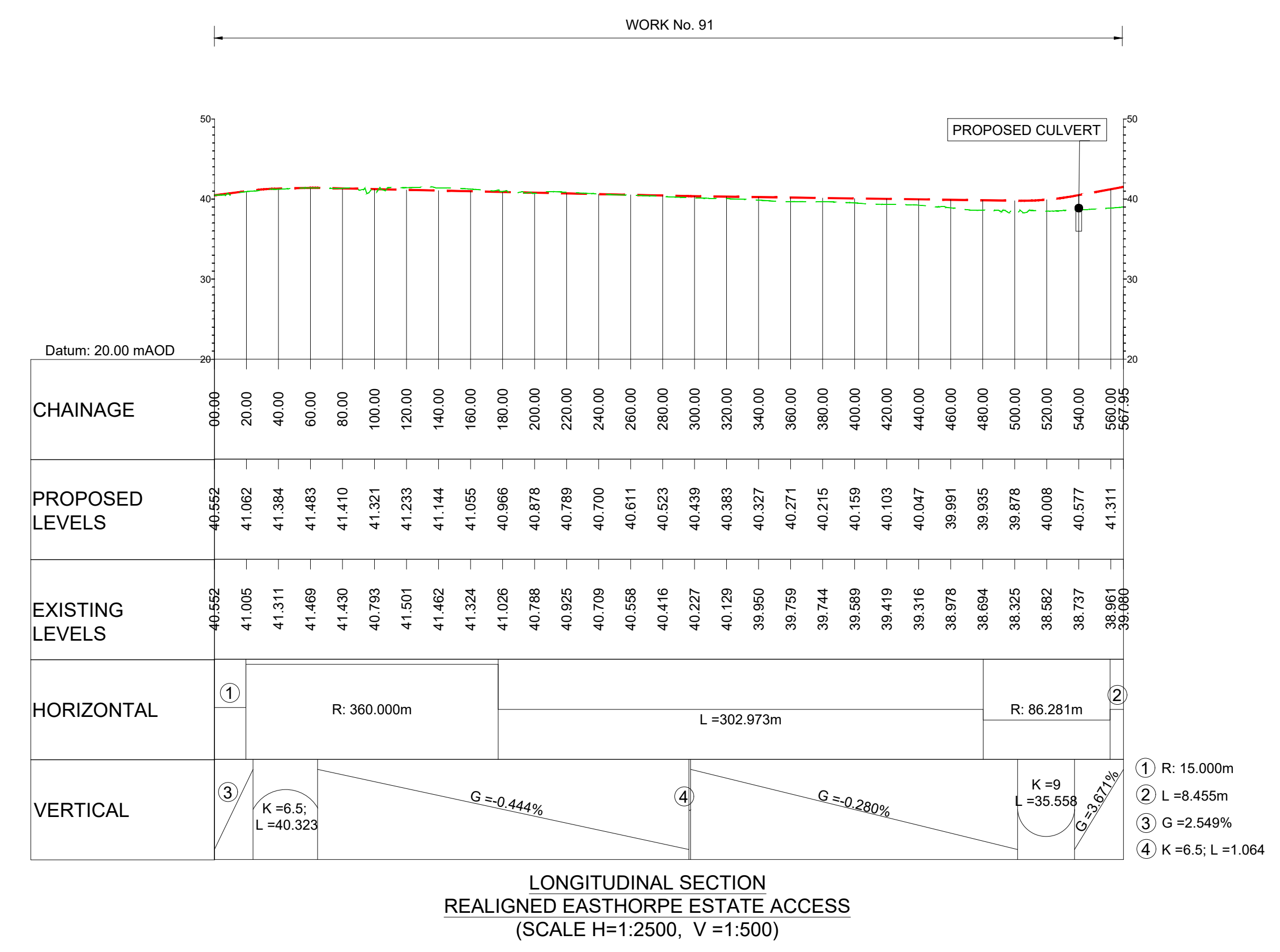
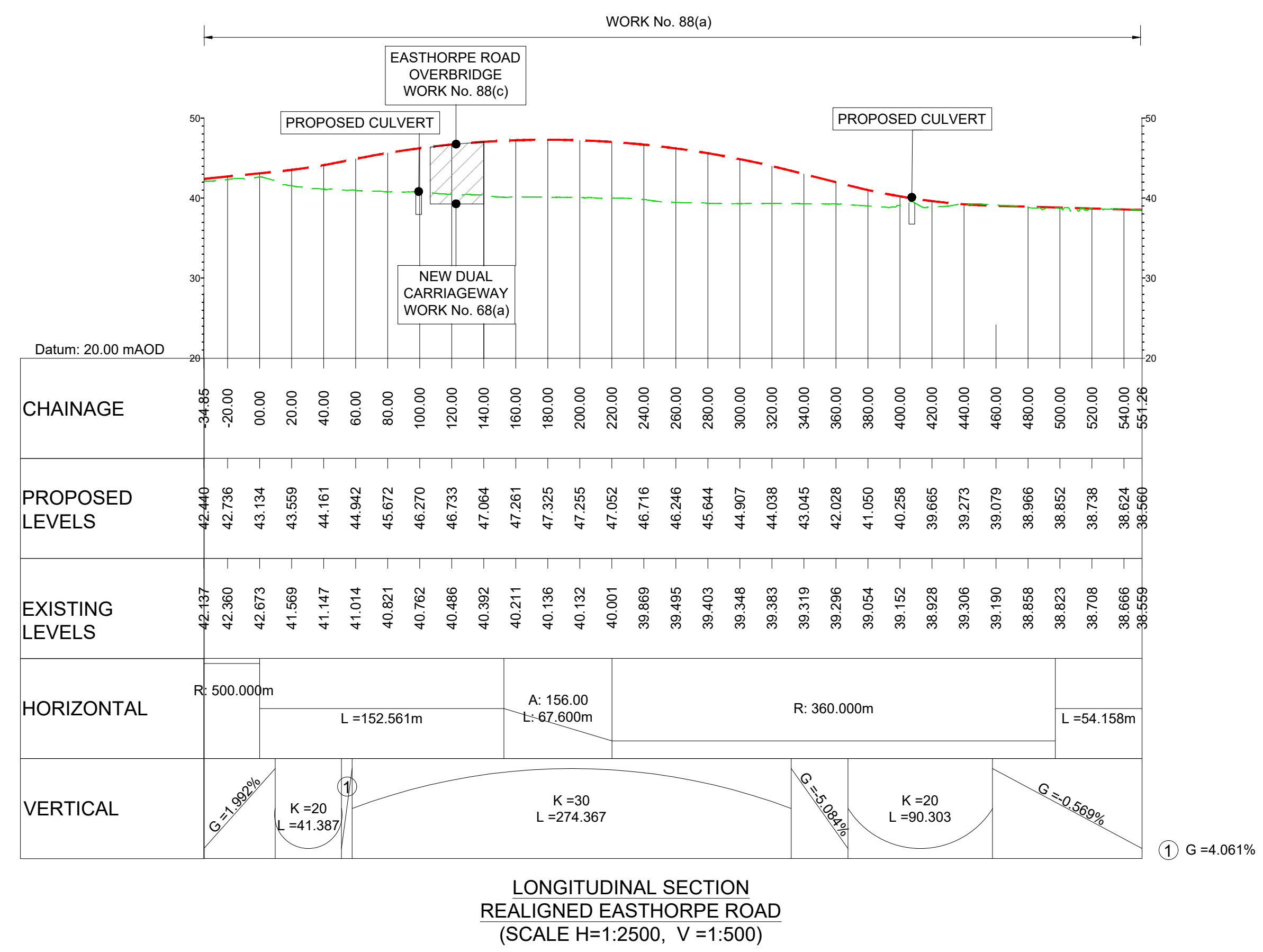
Drawing number: HE551497 - JAC - LDC - S3_SR - DR - C - 0303



- NOTES**
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HE551497-JAC-LDC-SCHW-DR- C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

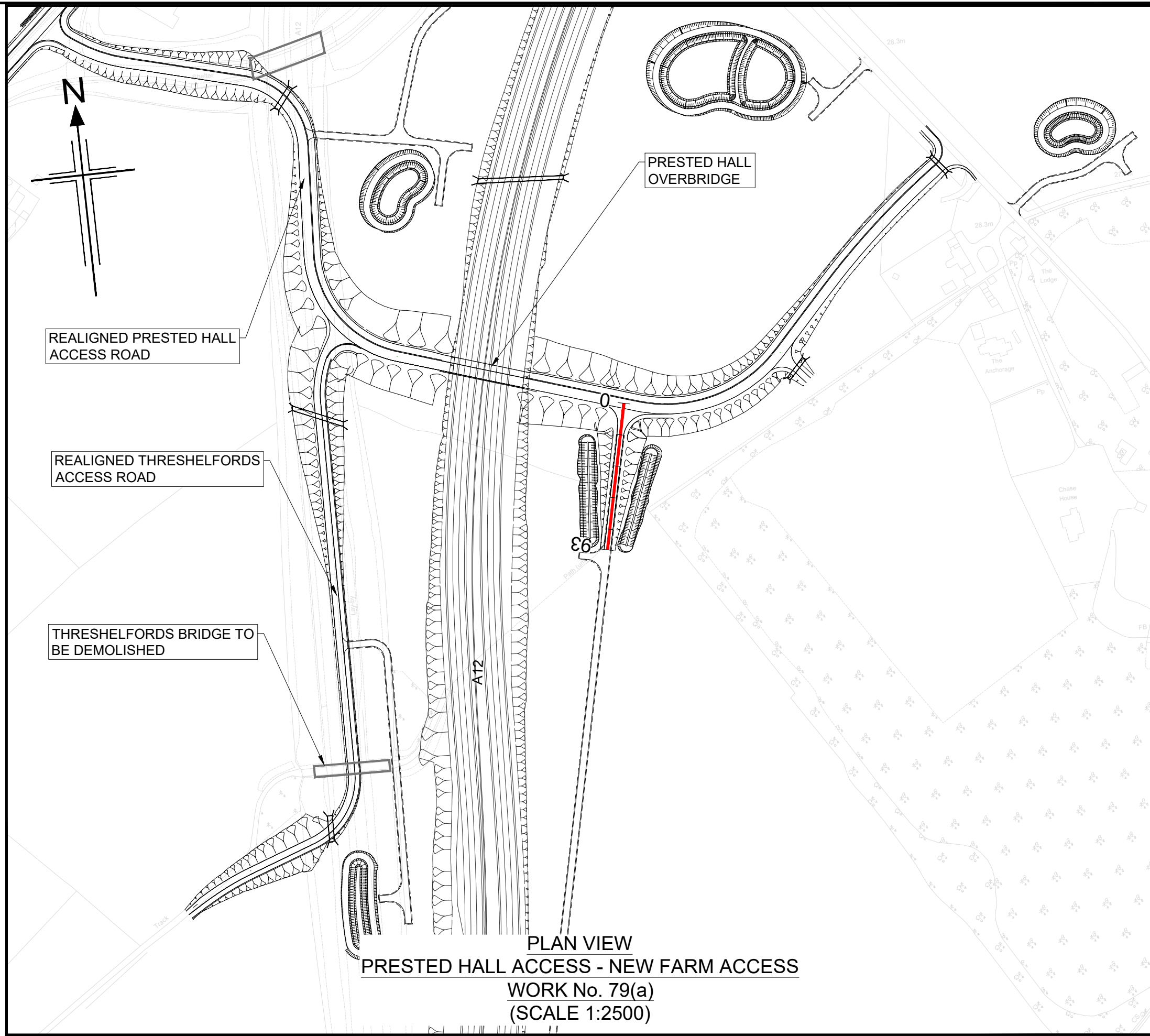
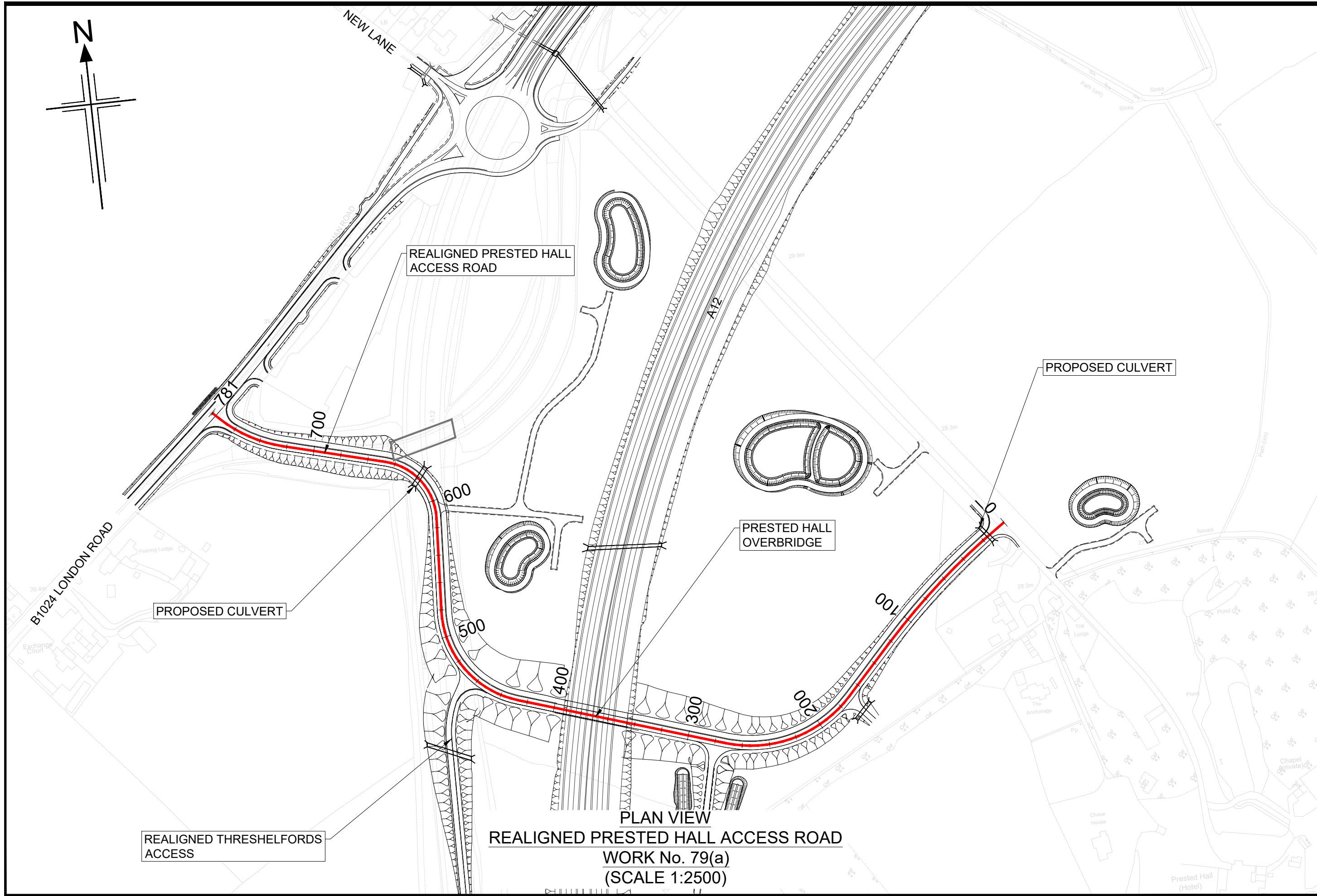


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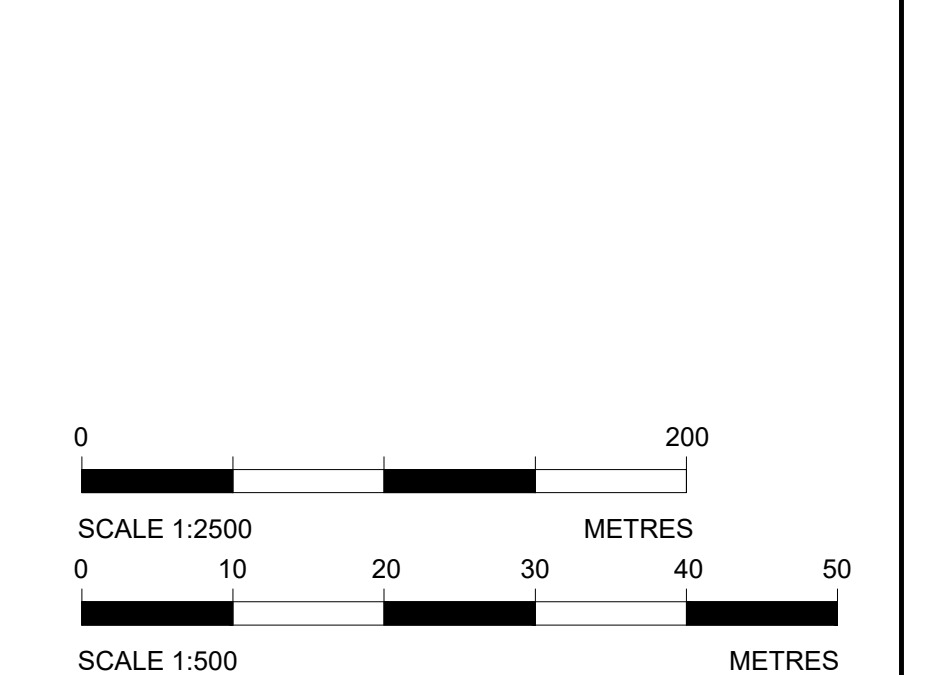
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.11			
Client:						
Project: A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title: ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S3 SHEET 3 OF 10						
Regulation: REGULATION 5(2)(o), 5(2)(p) & 6(2)						
Purpose of issue: DCO APPLICATION						
State Code: Preliminary						
Project Stage: PCF3					Drawing status: S4	
Scale at A1 (841x594mm): AS SHOWN						
Jacobs No.: B36601D1					Rev: P01	
Client no.: HE551497						
Drawing number: HE551497 - JAC - LDC - S3_SR						
Originator: JAC						
Volume: -DR- C -0304						

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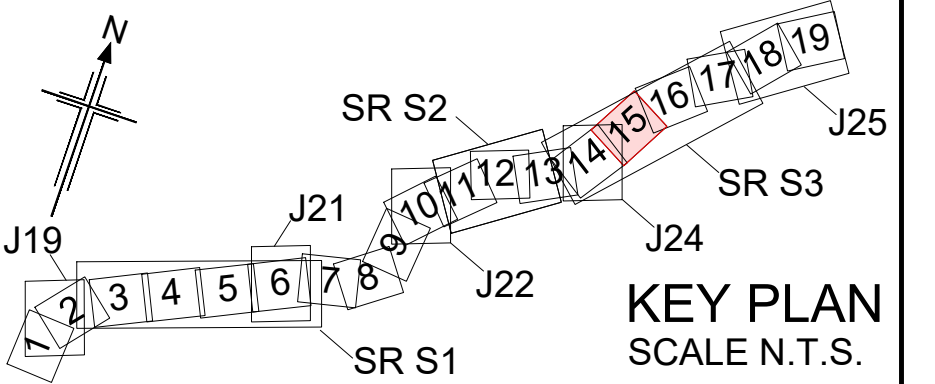
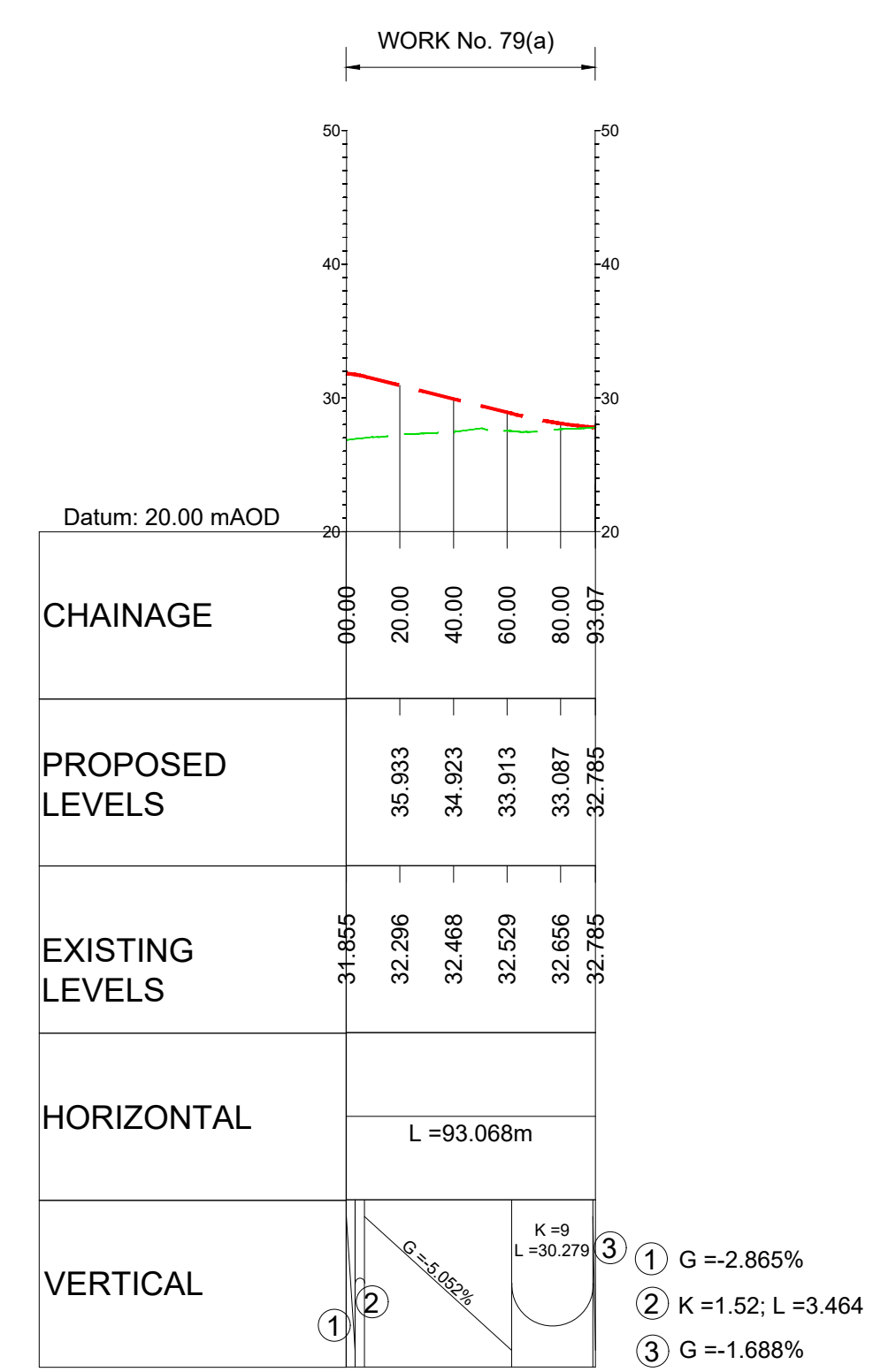
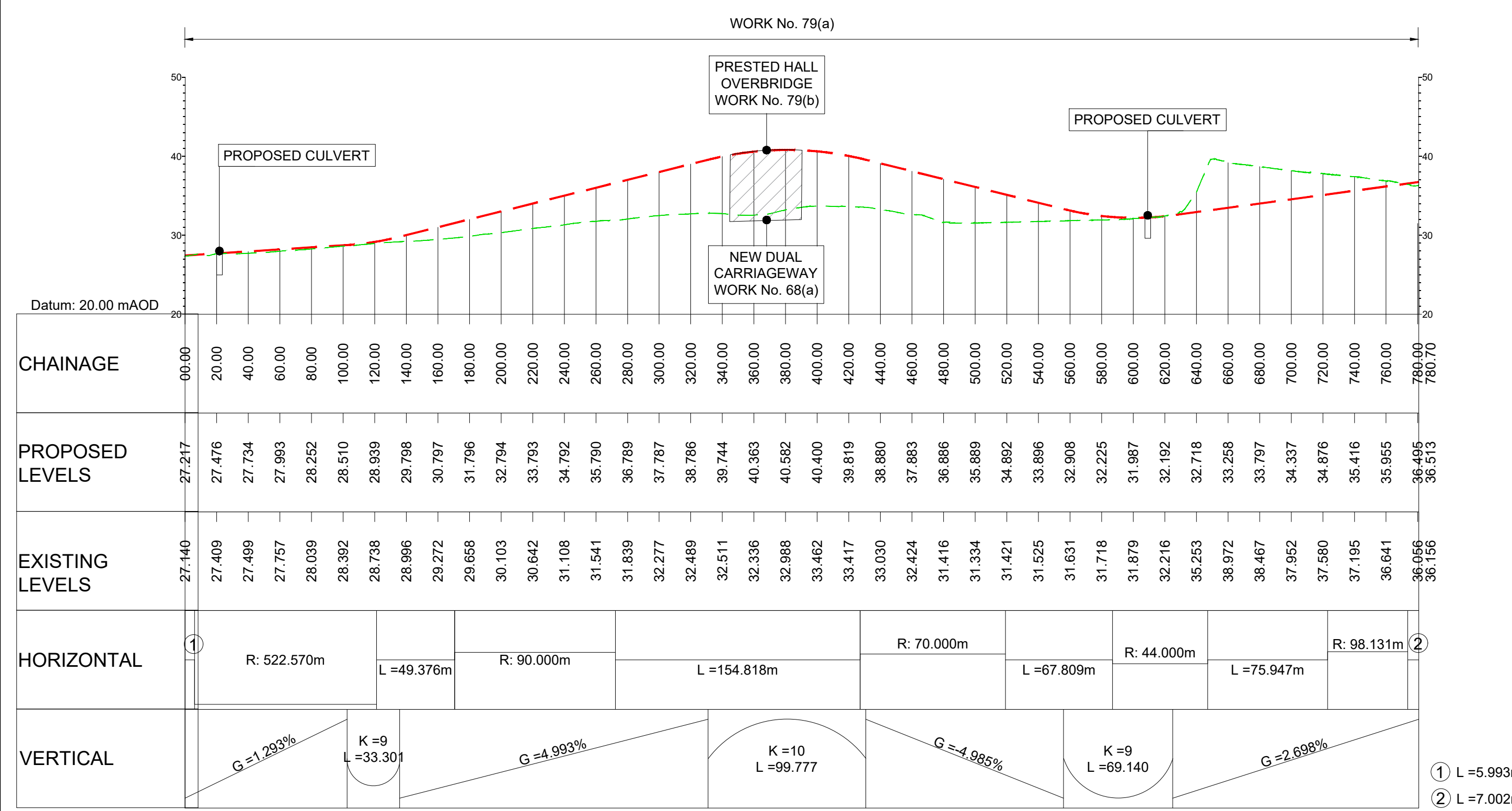


- NOTES**
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 6. FOR SHEET LAYOUT PLAN REFER TO:
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HE551497-JAC-LDC-SCHW-DR- C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

- Key**
- PLAN**
- 9600 CHAINAGE
 - CENTRELINE OF NEW ROAD
- PROFILE**
- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
 - FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD



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P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

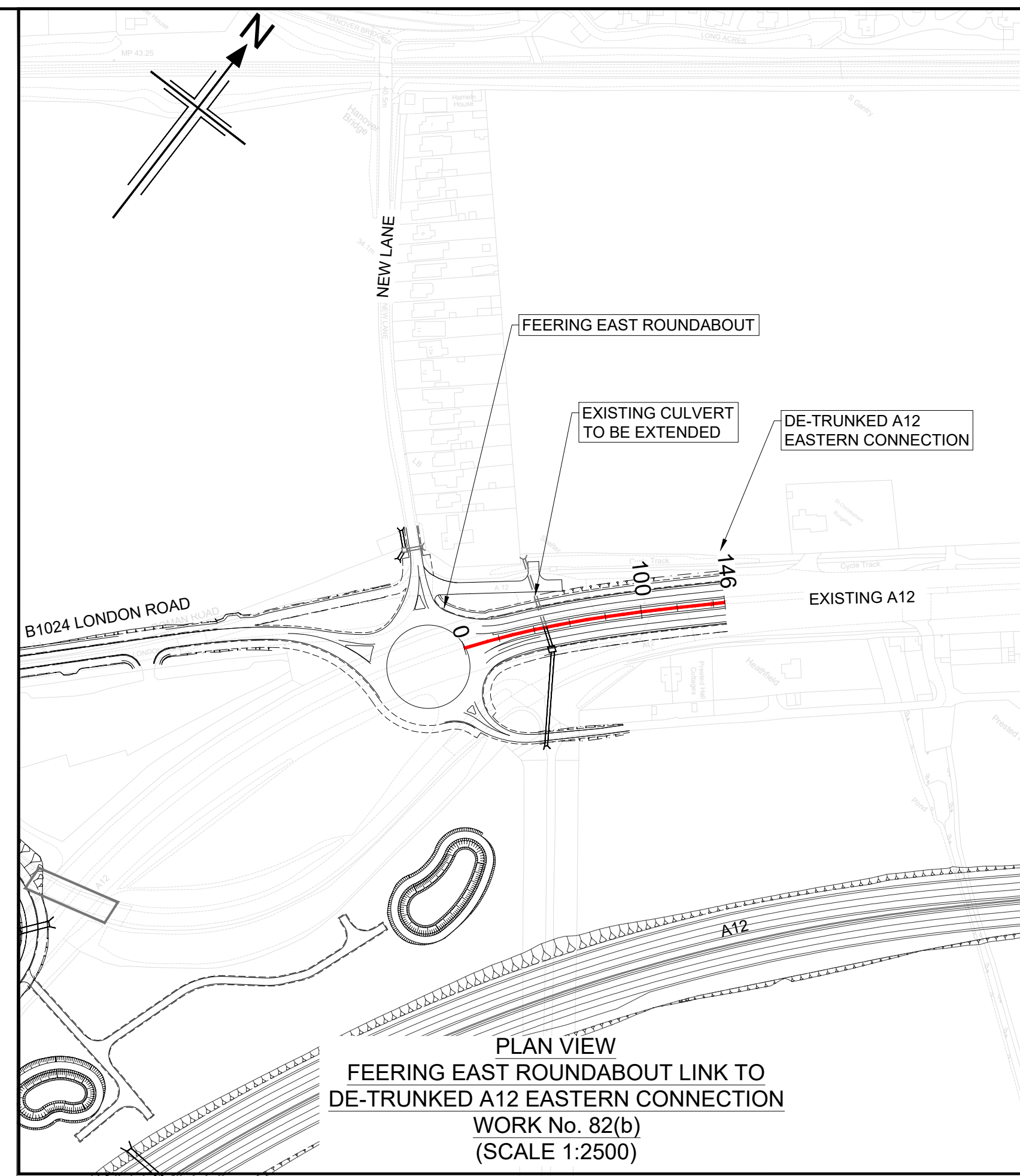
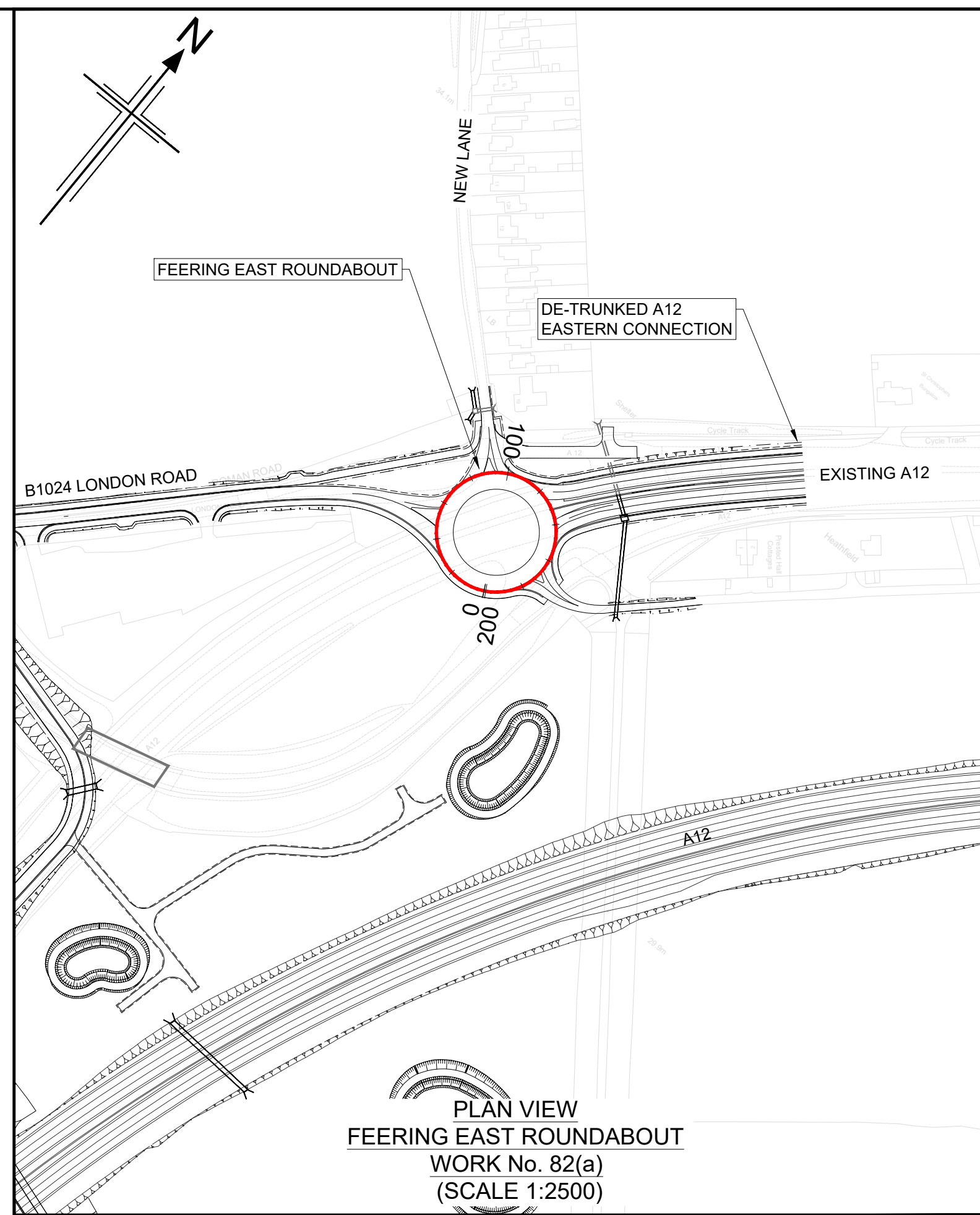
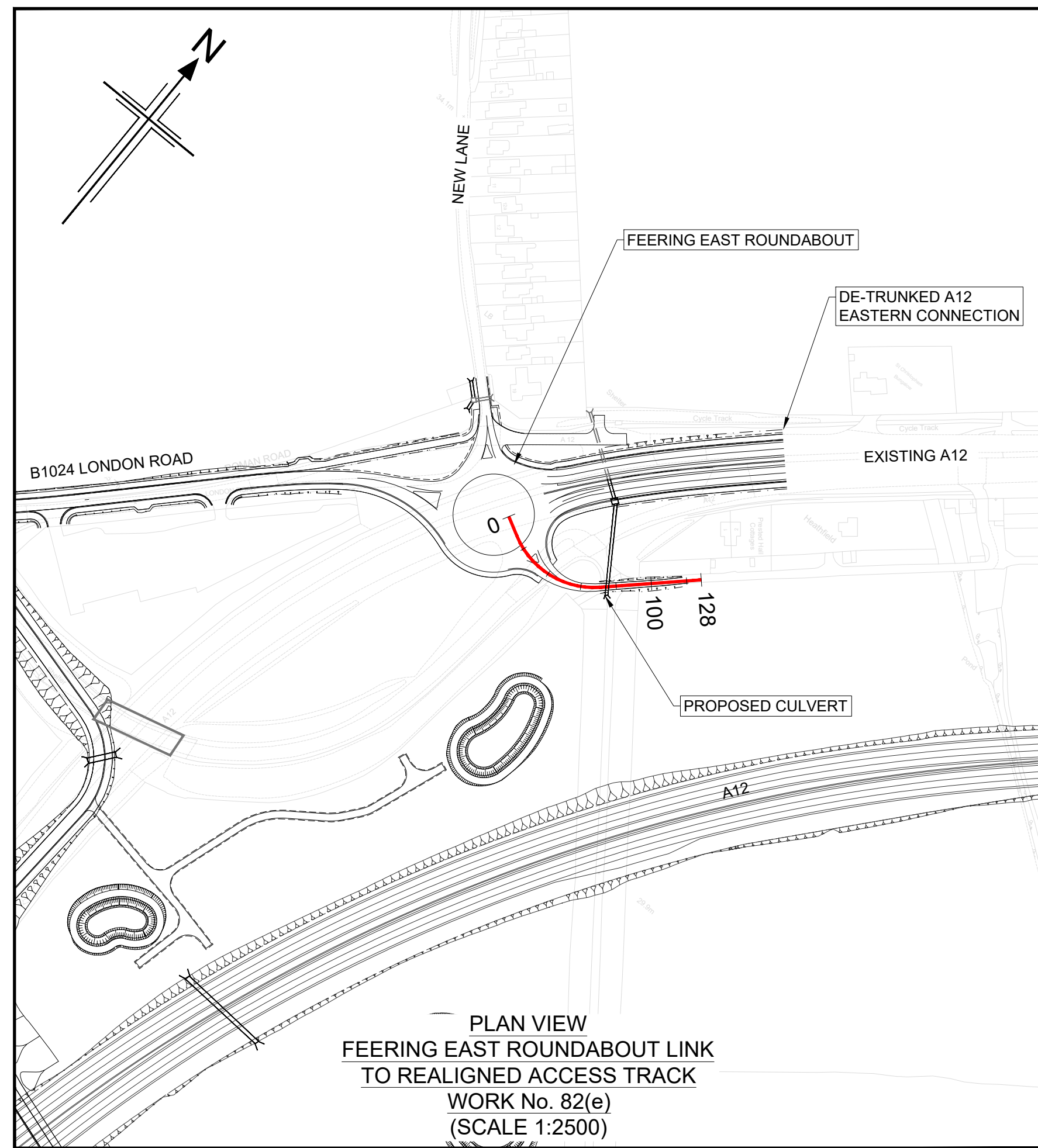


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

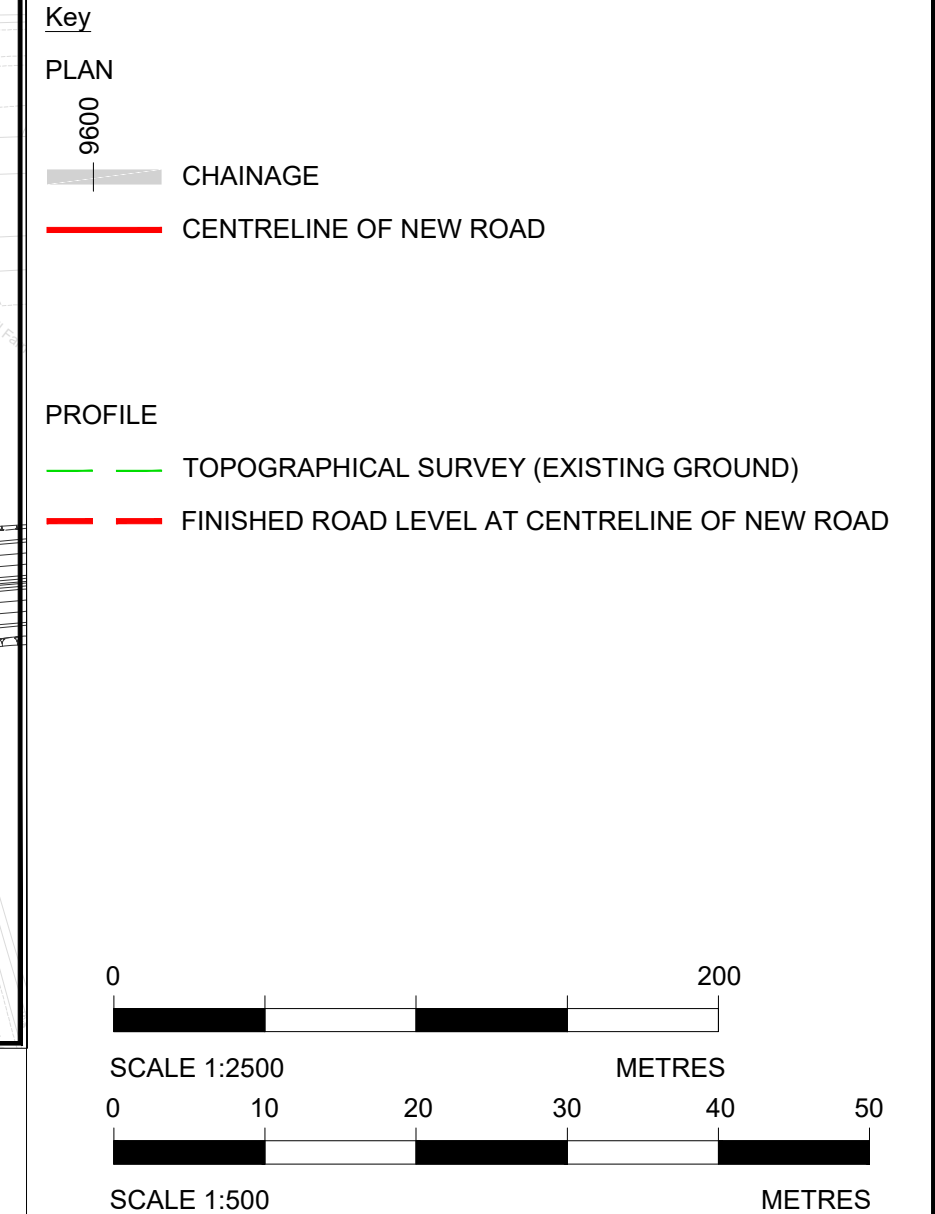
Drawing title
ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 4 OF 10

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	P01
Jacobs No.	B36601D1	Client no.	HE551497
Drawing number	PIN	Originator	Volume
HE551497 - JAC - LDC - S3_SR			
	Location	Type	Role
			Number

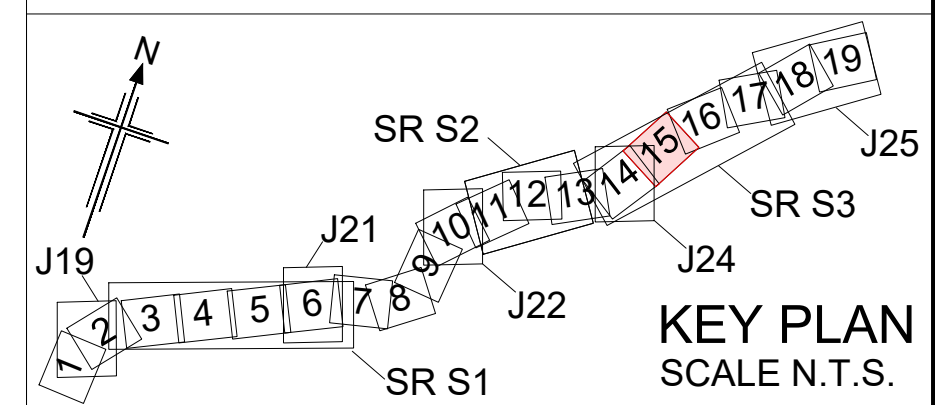
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HE551497-JAC-LDC-SCHW-DR-C-2021 FOR SIDE ROAD PROFILES.



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P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11

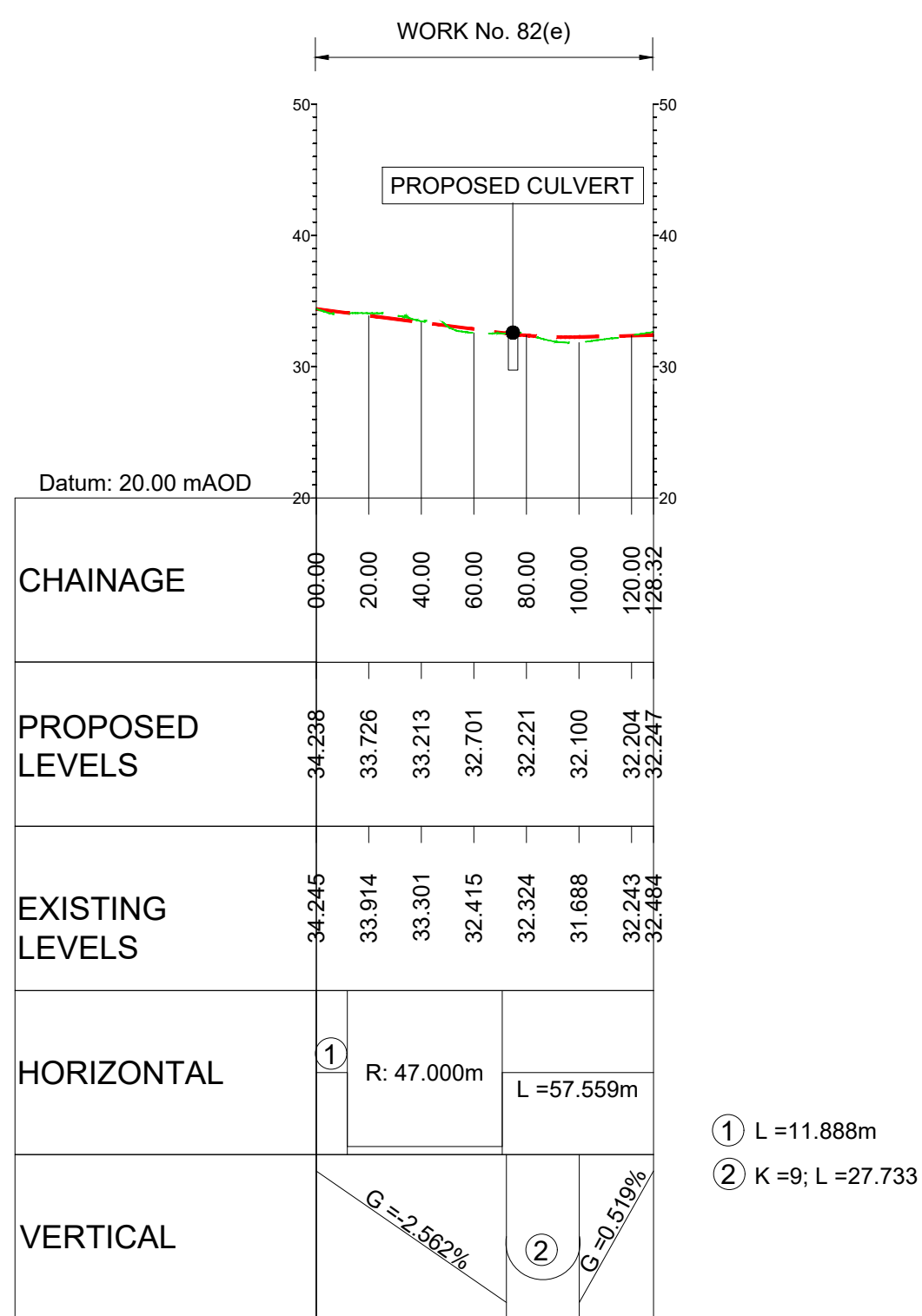


Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

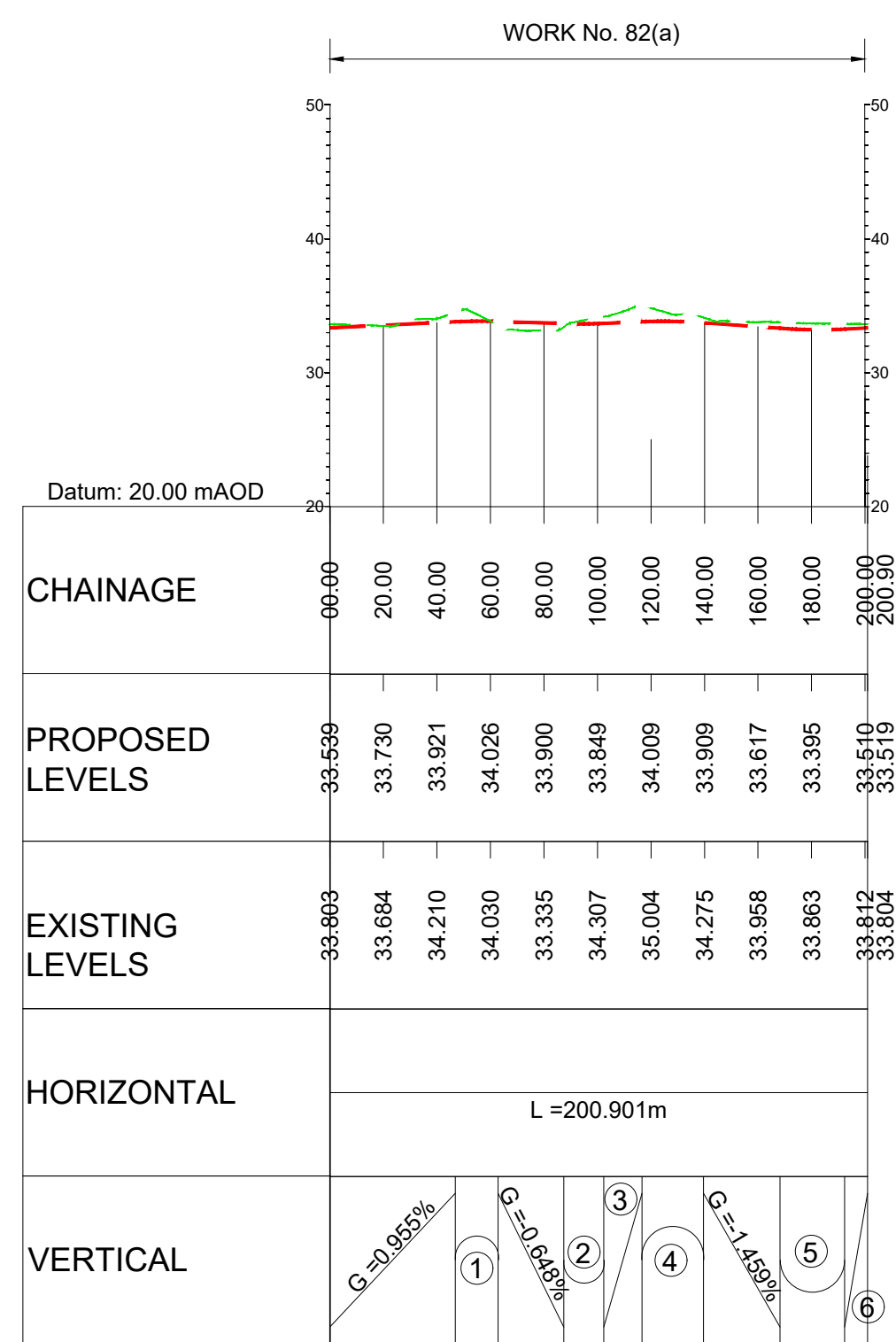
Drawing title: **ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 5 OF 10**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

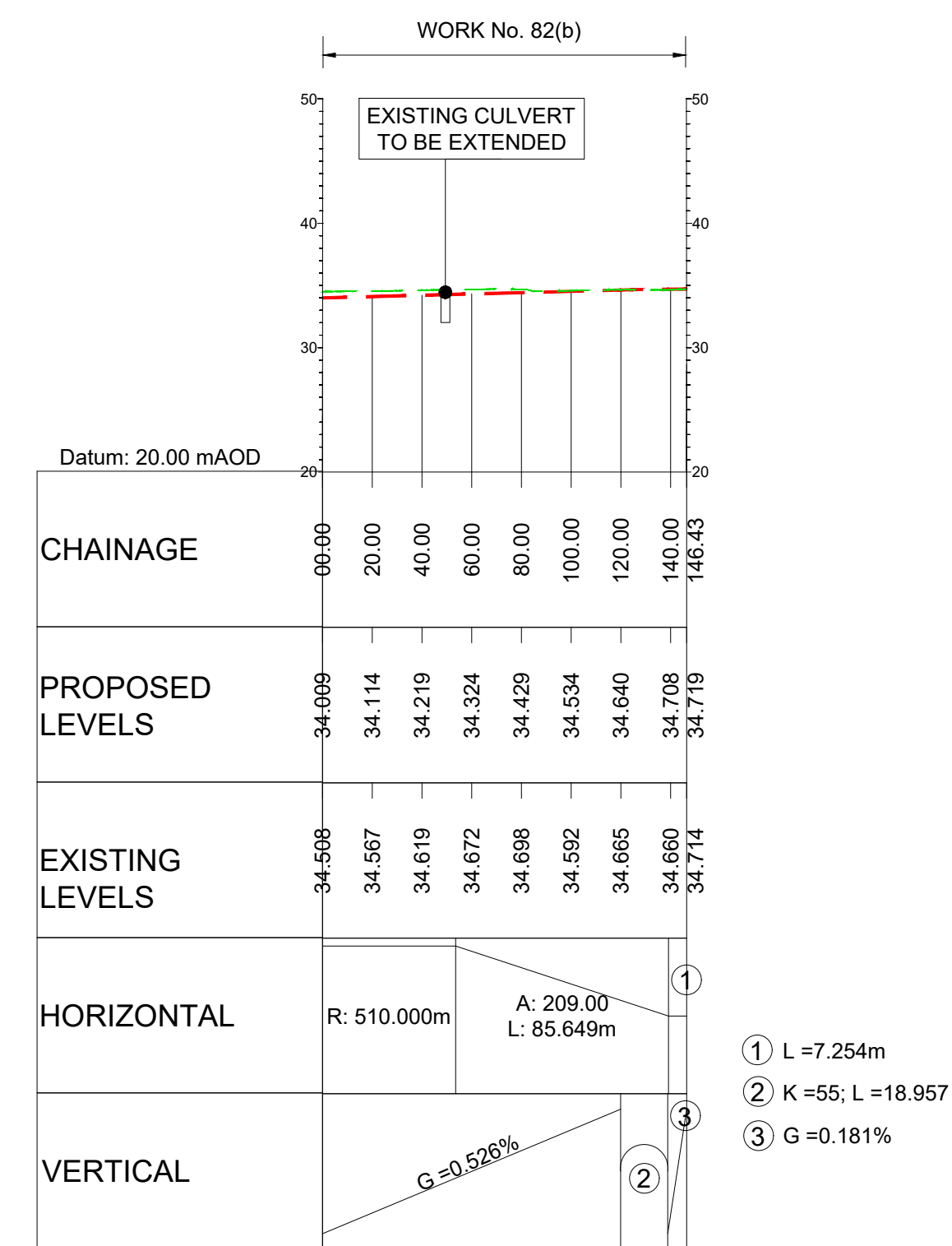
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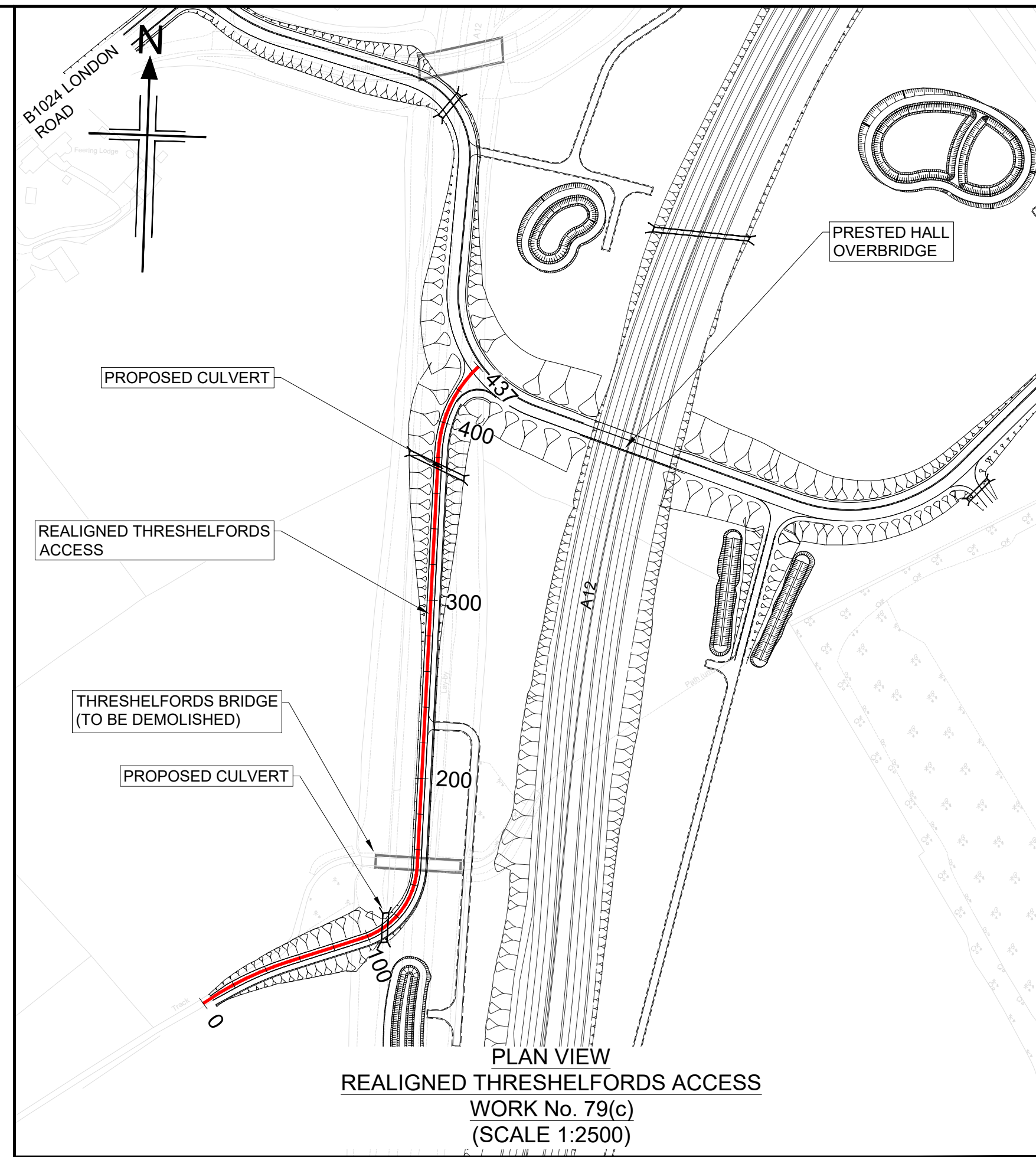
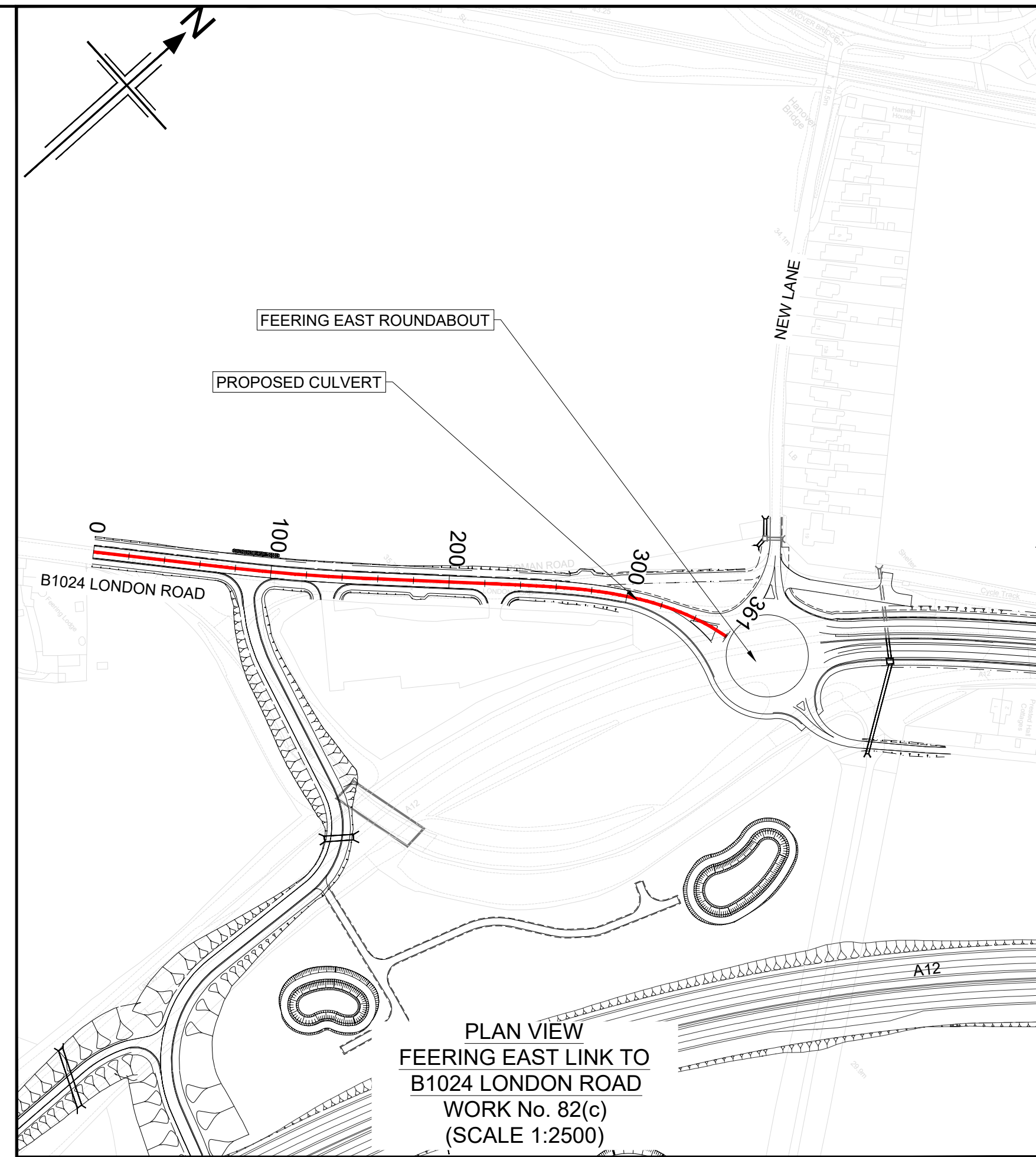
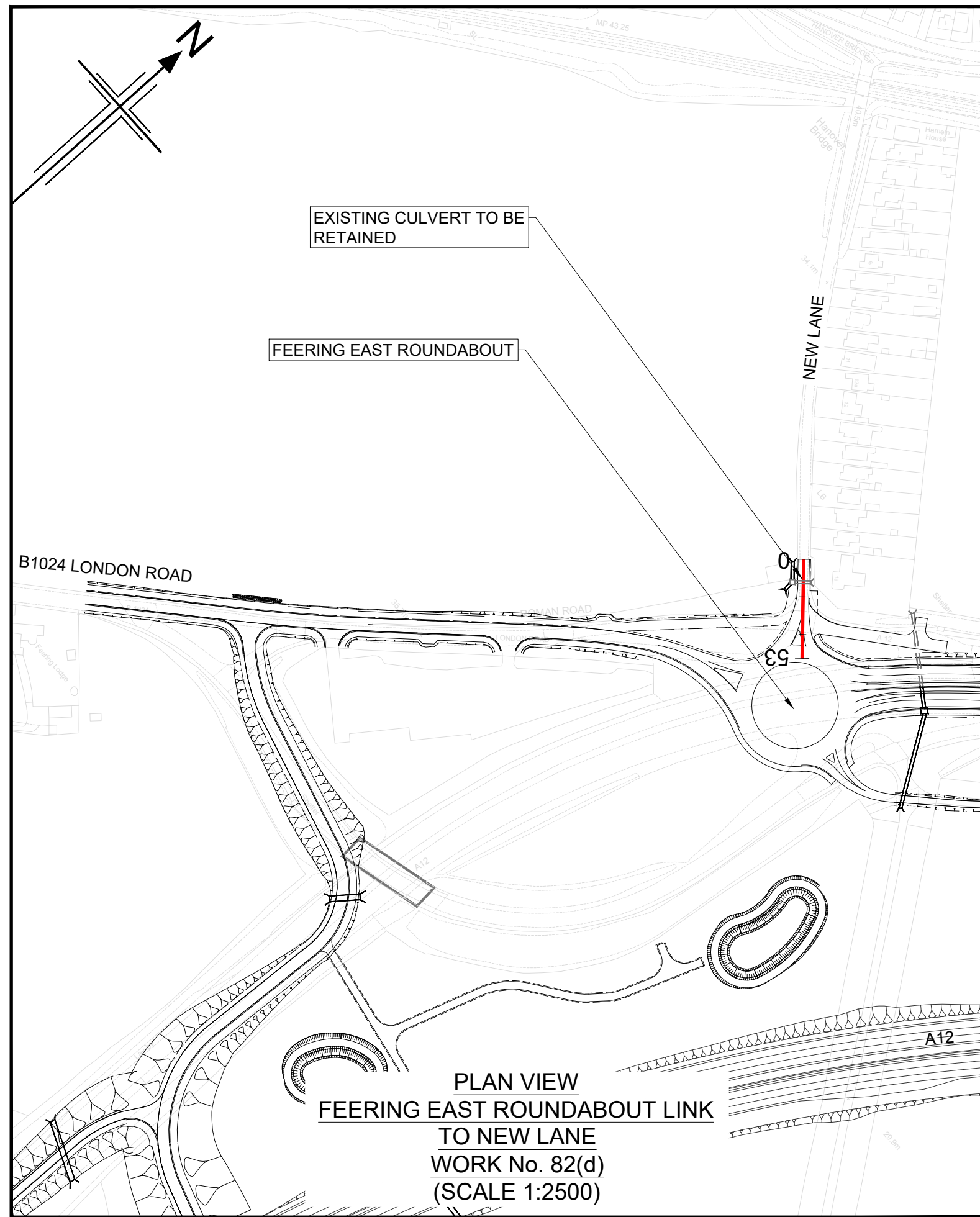
**LONGITUDINAL SECTION
FEERING EAST ROUNDABOUT LINK
TO REALIGNED ACCESS TRACK
(SCALE H=1:2500, V=1:500)**



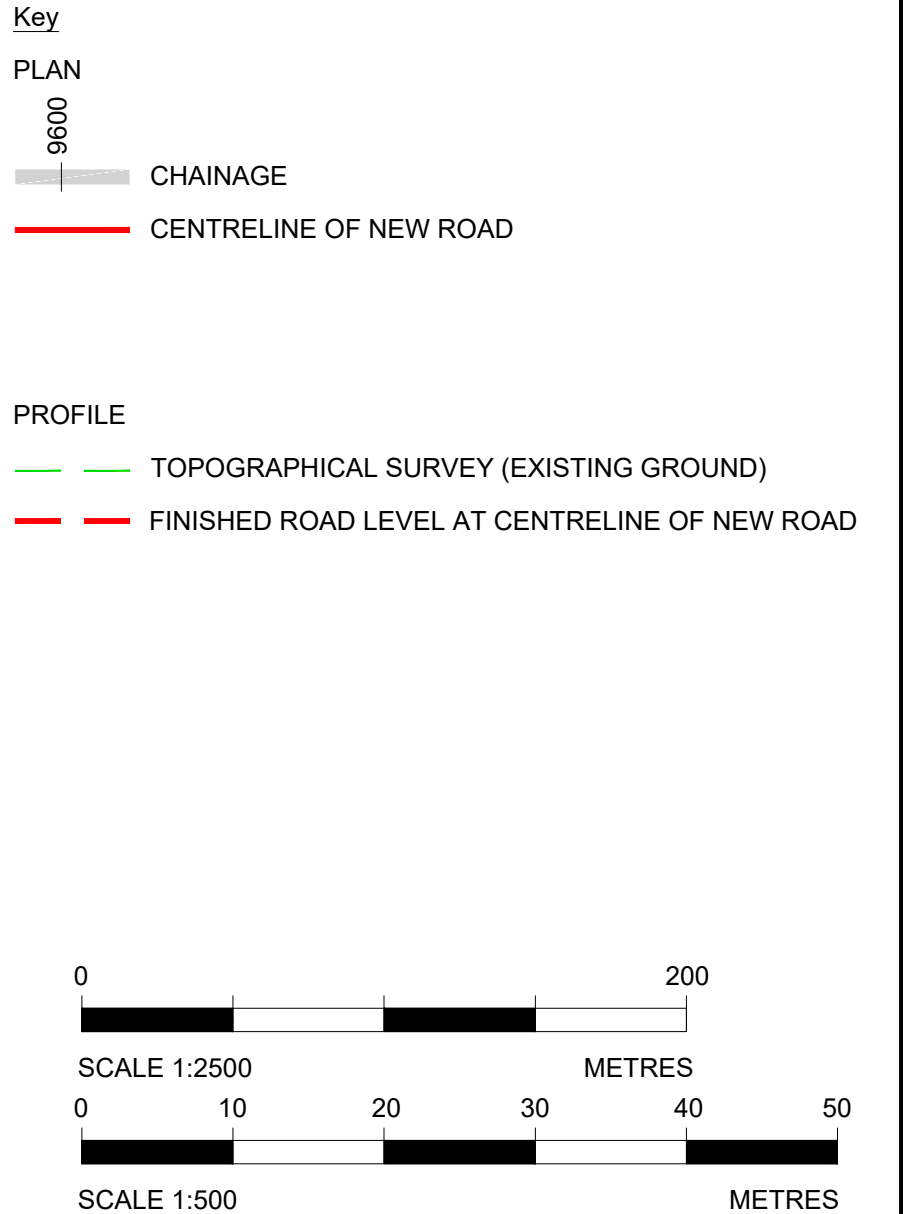
**LONGITUDINAL SECTION
FEERING EAST ROUNDABOUT
LINK TO DE-TRUNKED A12 EASTERN CONNECTION
(SCALE H=1:2500, V=1:500)**



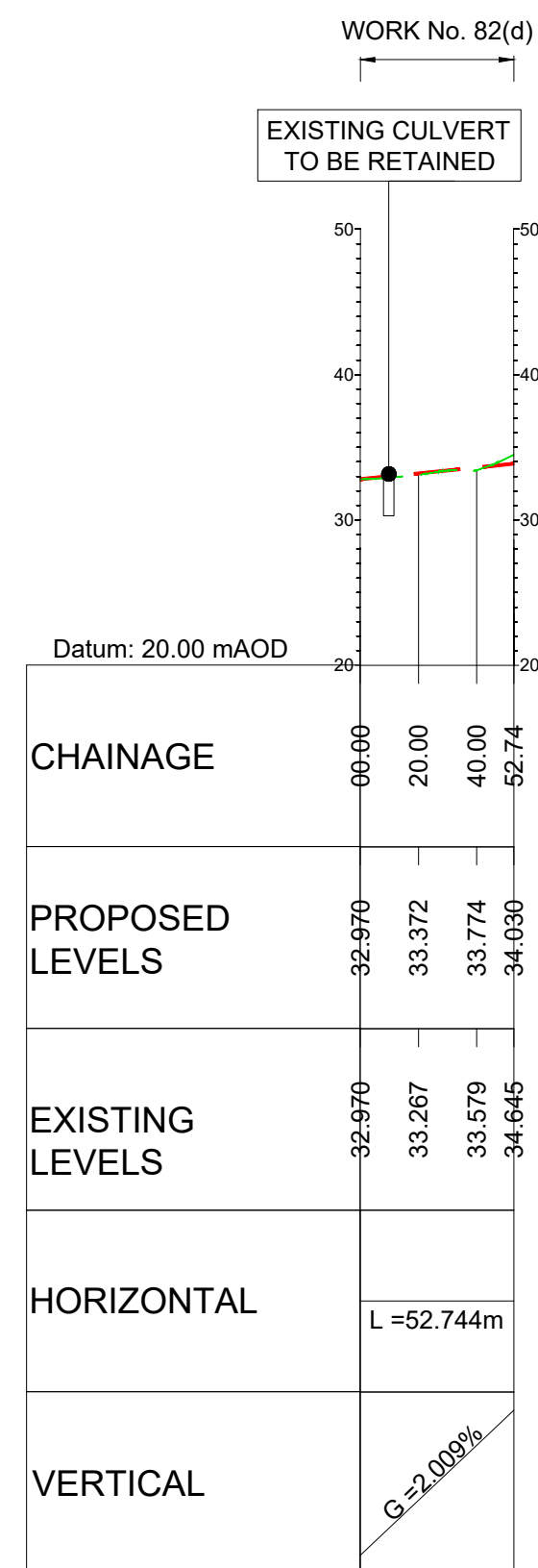
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FEERING EAST ROUNDABOUT LINK TO
DE-TRUNKED A12 EASTERN CONNECTION
(SCALE H=1:2500, V=1:500)**



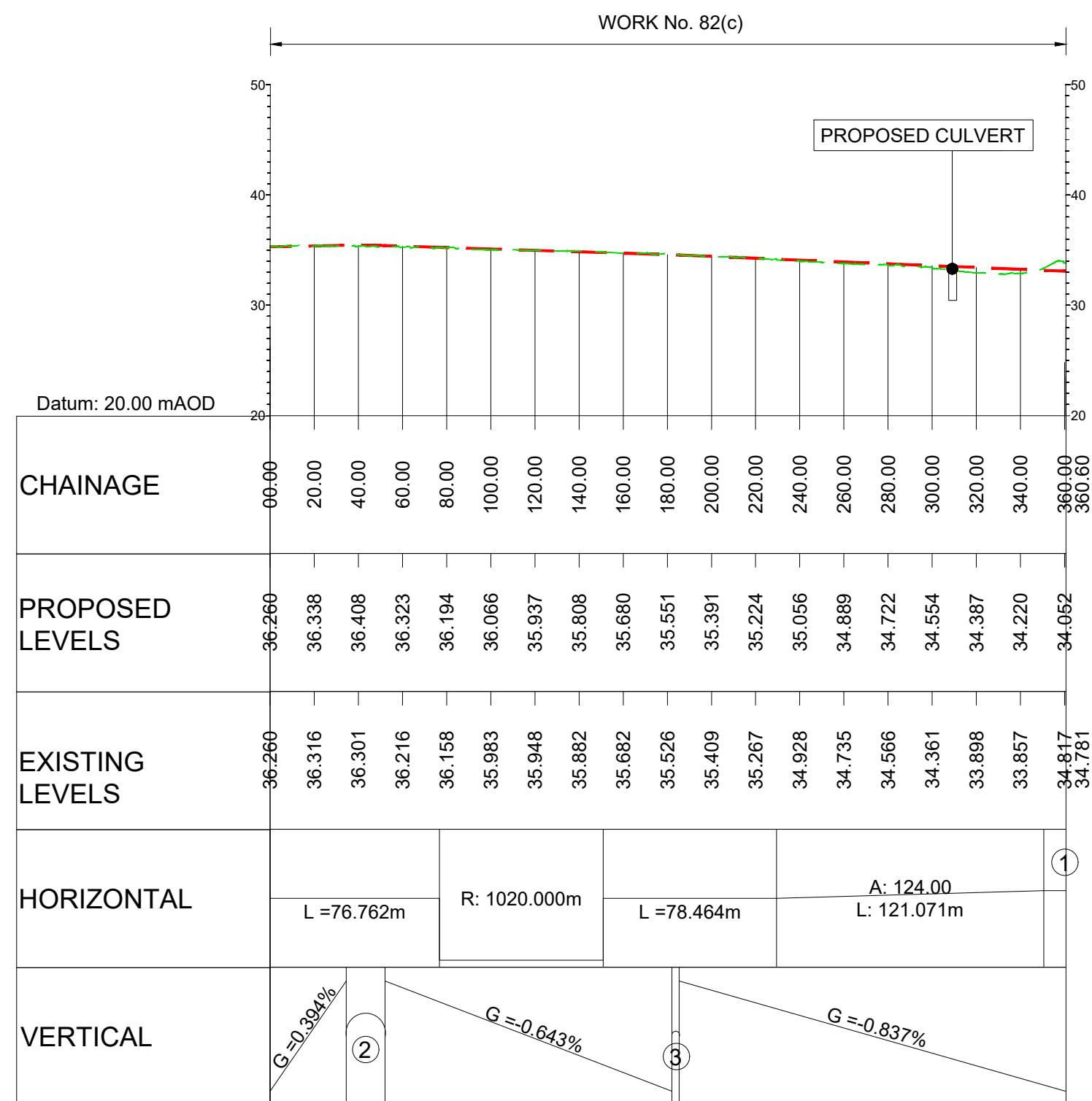
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HE551497-JAC-LDC-SCHW-DR- C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.



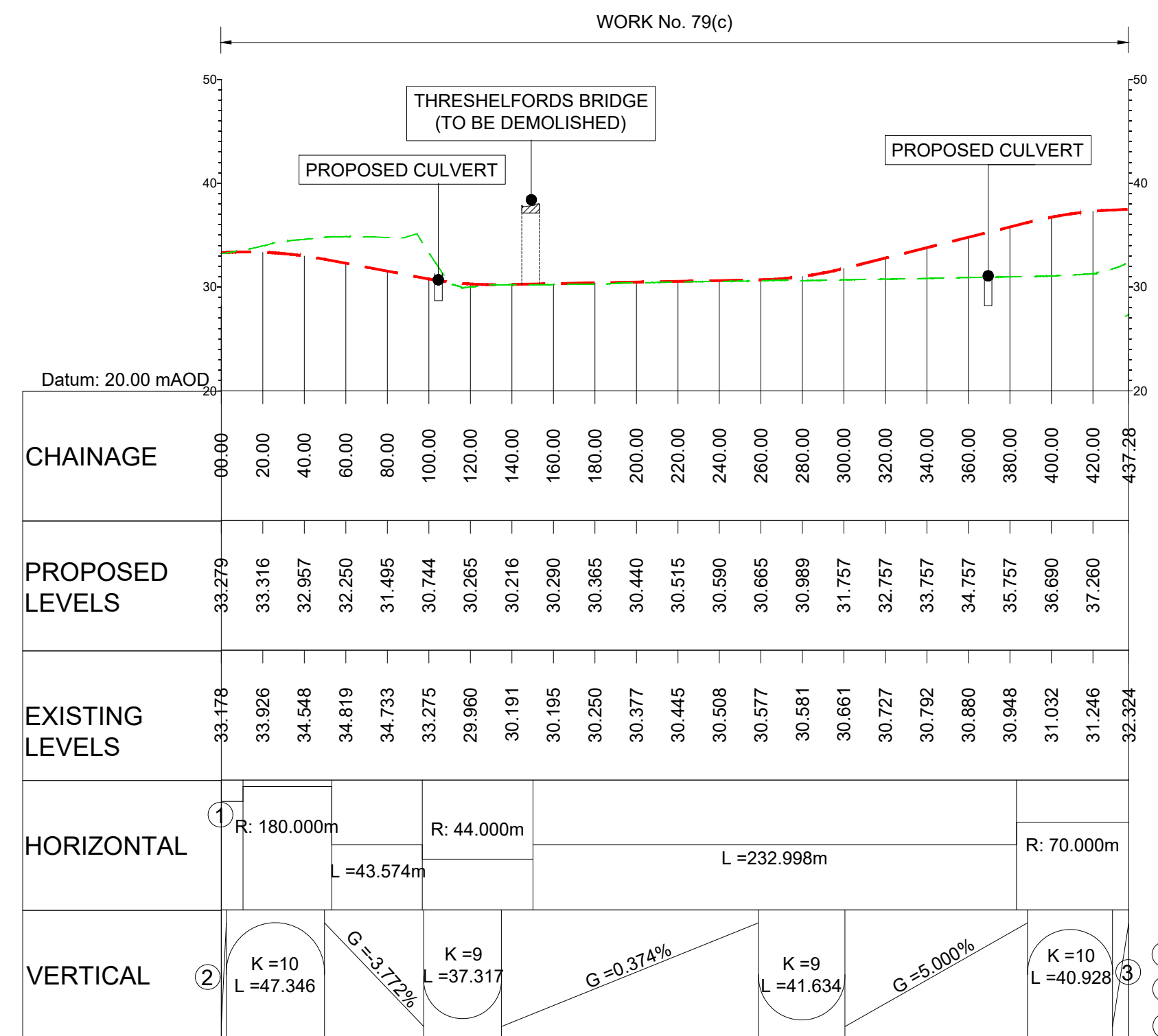
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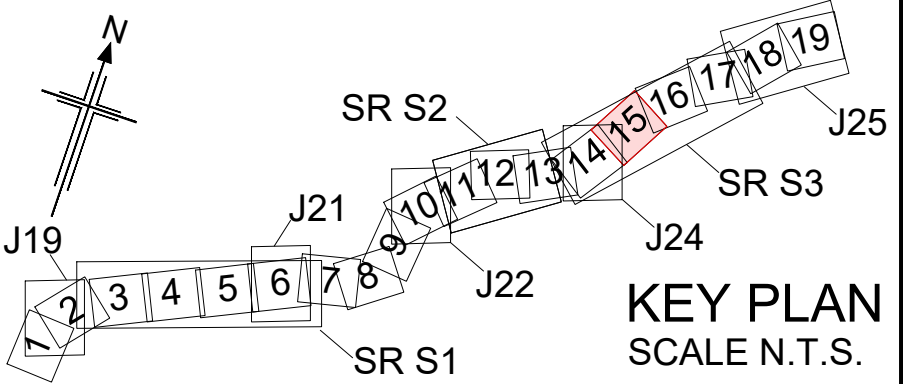
LONGITUDINAL SECTION
FEERING EAST ROUNDABOUT LINK TO NEW LANE
(SCALE H=1:2500, V=1:500)



LONGITUDINAL SECTION
FEERING EAST LINK TO B1024 LONDON ROAD
(SCALE H=1:2500, V=1:500)



LONGITUDINAL SECTION
REALIGNED THRESHELFORDS ACCESS
(SCALE H=1:2500, V=1:500)



P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.11



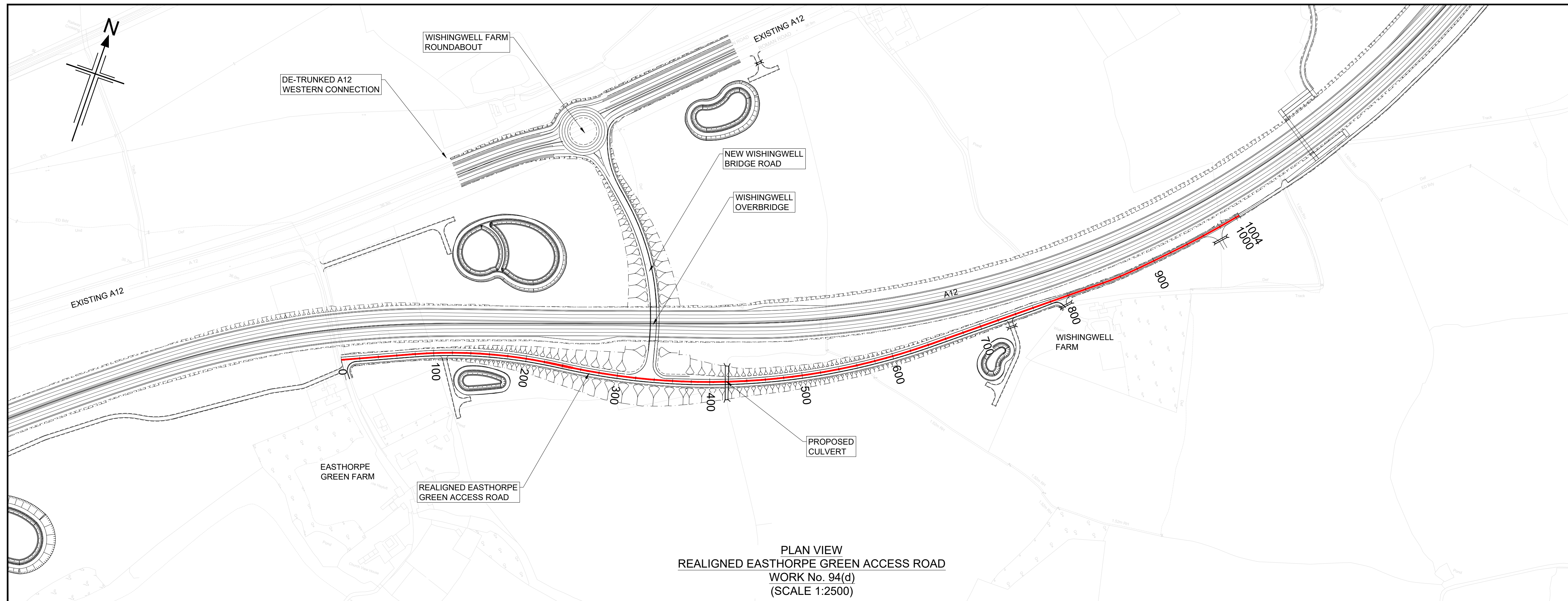
Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 6 OF 10**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

Drawing number
HE551497 - JAC - LDC -
S3_SR -DR- C -0307

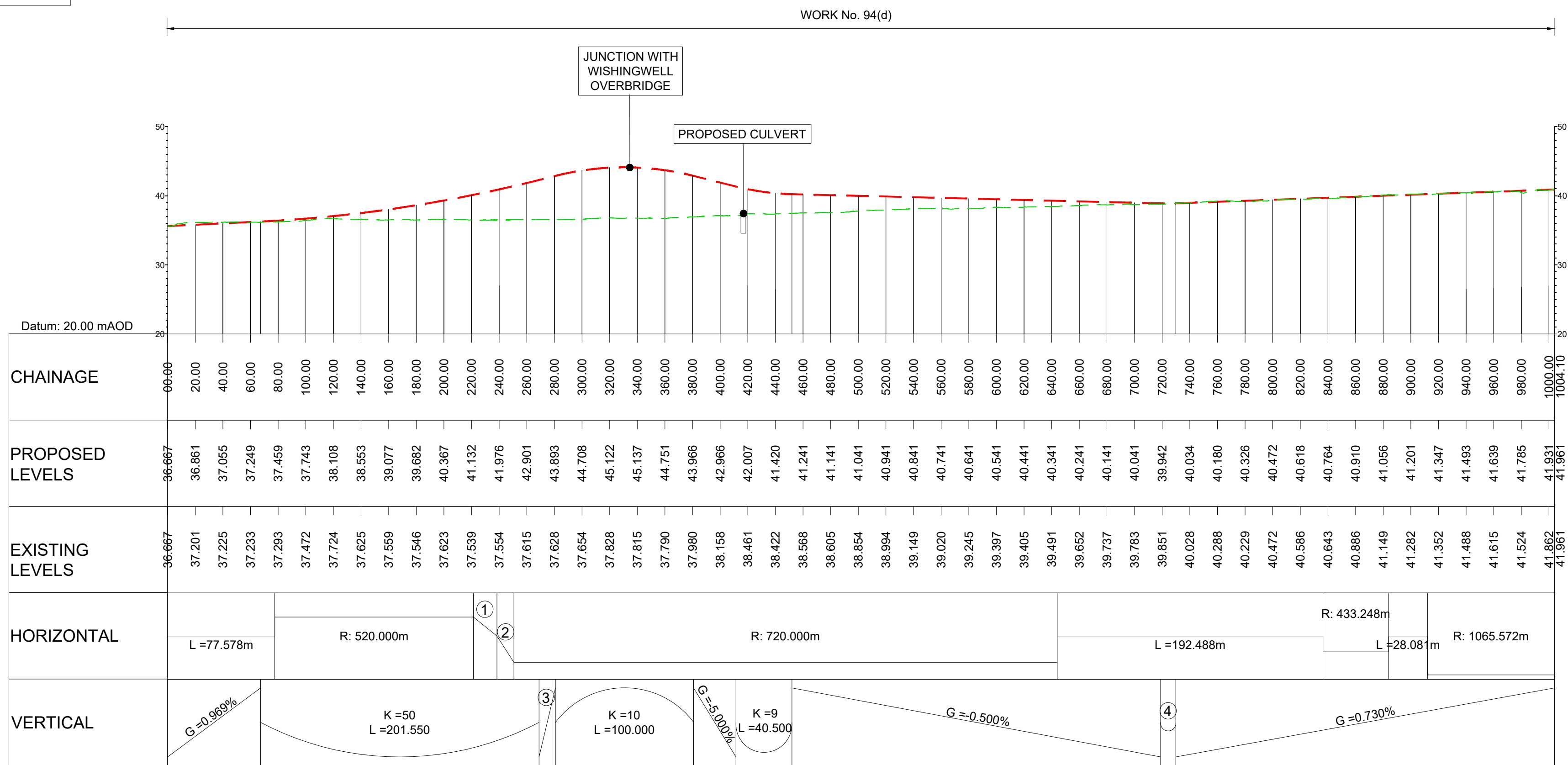
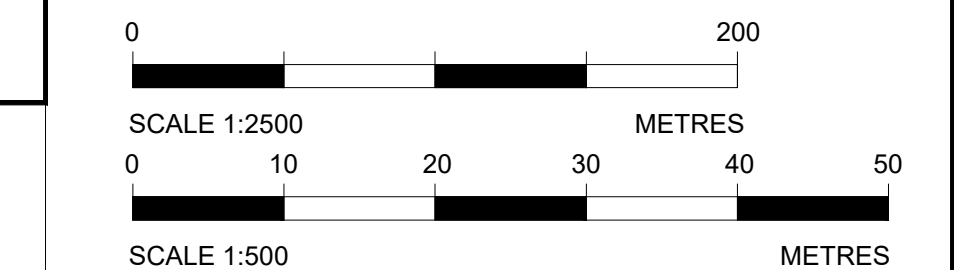
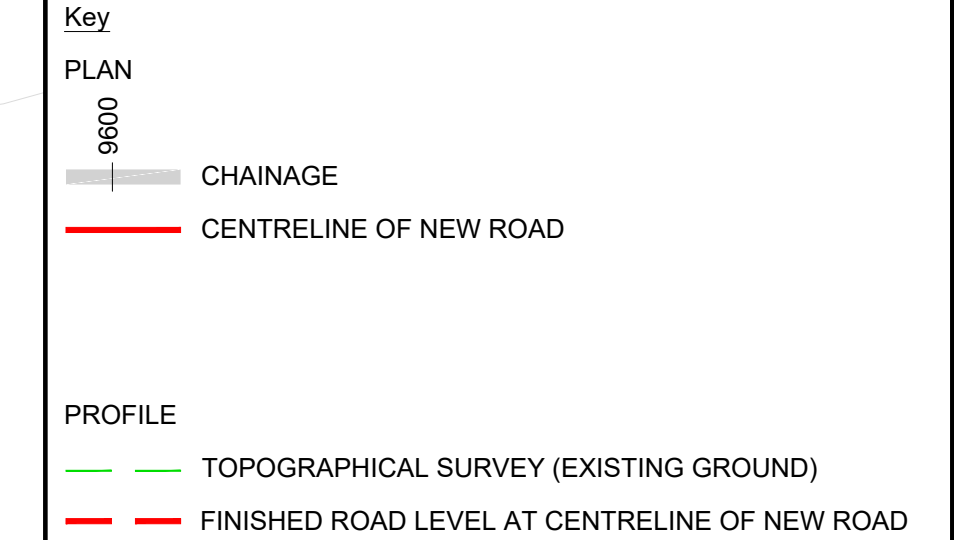
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PLAN VIEW
REALIGNED EASTHORPE GREEN ACCESS ROAD
WORK No. 94(d)
(SCALE 1:2500)

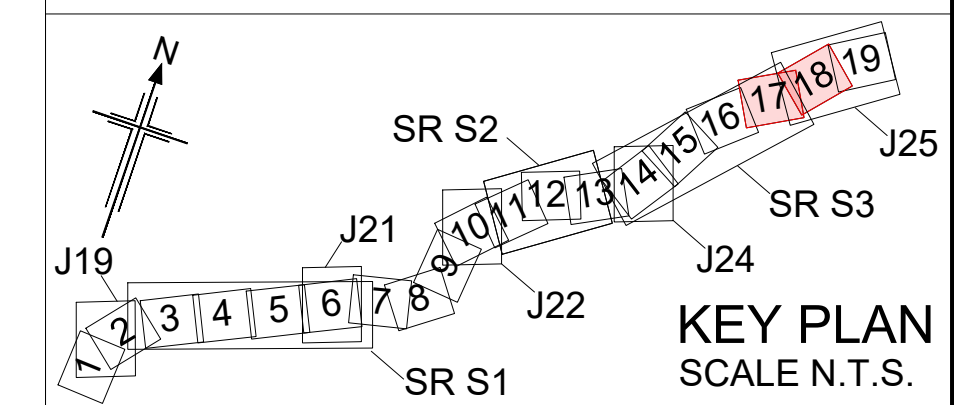
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 - FOR SHEET LAYOUT PLAN REFER TO:
HE551497-JAC-LDC-SCHW-DR- C-2000 FOR MAINLINE PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.



LONGITUDINAL SECTION
REALIGNED EASTHORPE GREEN ACCESS ROAD
(SCALE H=1:2500, V=1:500)

- A: 94.00; L: 16.992m
- A: 94.00; L: 12.272m
- G = 5.000%
- K = 90; L = 11.069



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number:	TR010060	Development Consent Order Drawing Number:	TR010060/APP/2.11
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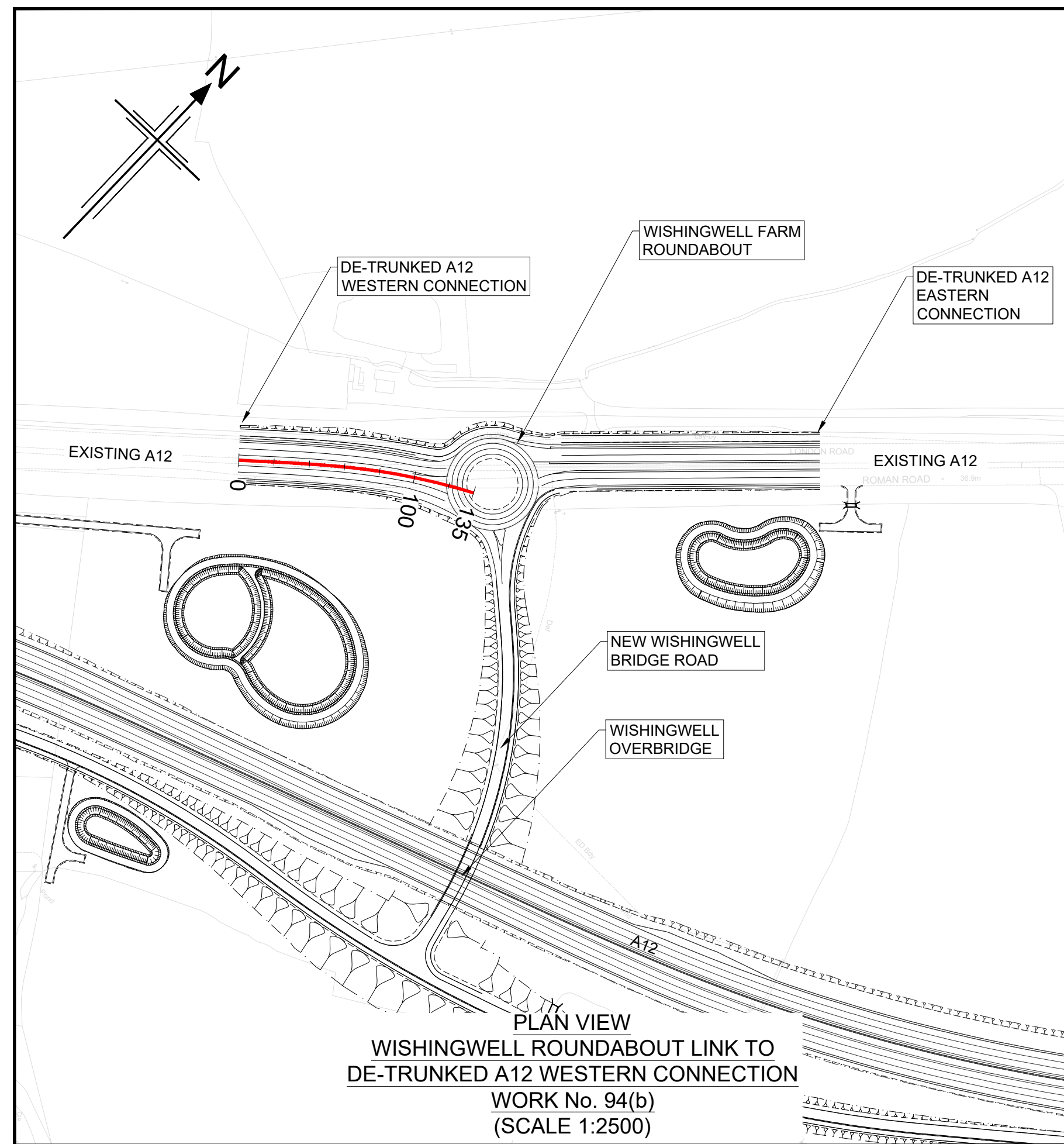


Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

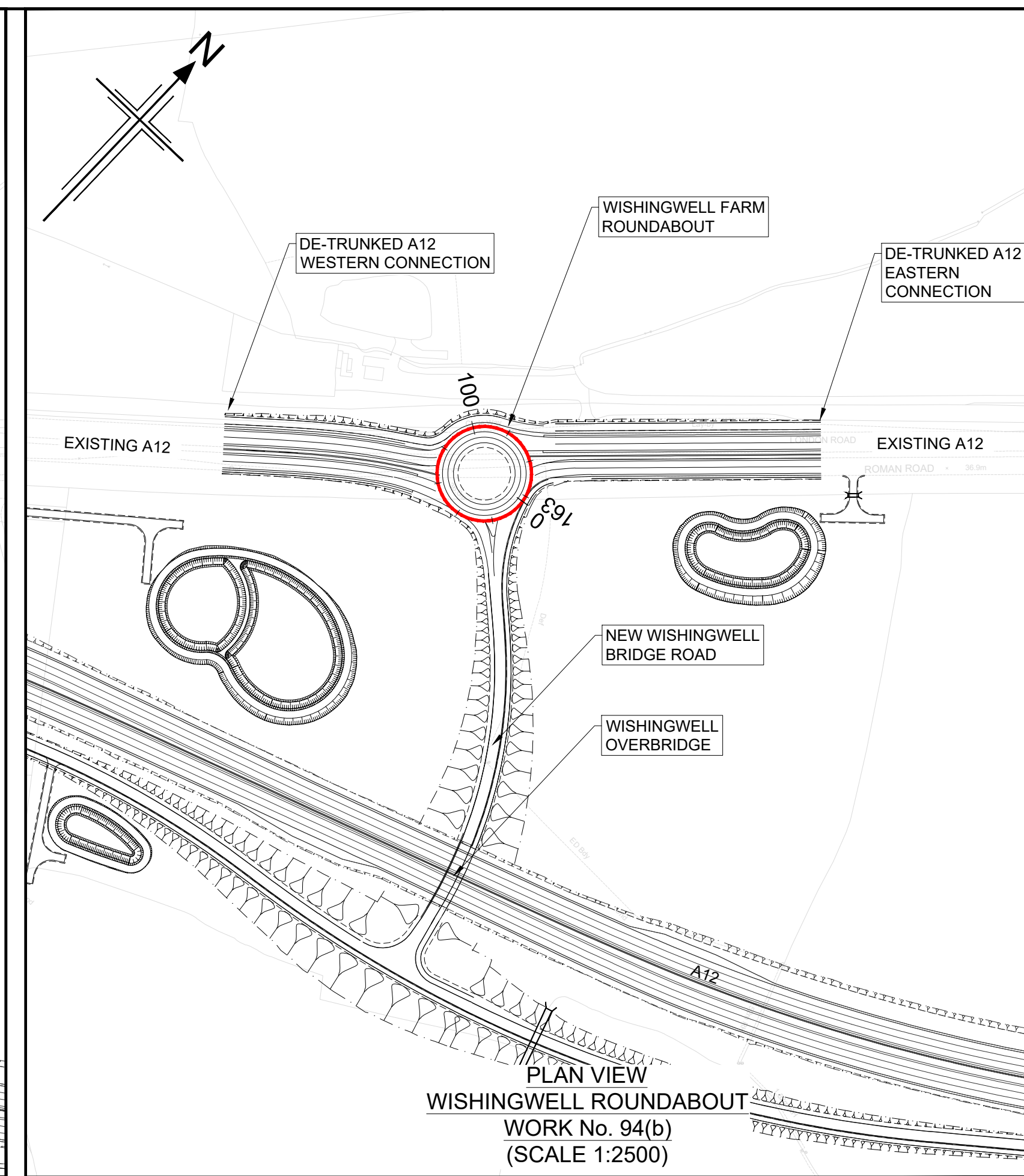
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**ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 7 OF 10**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	S4
Scale at A1 (841x594mm)	AS SHOWN	Rev	
Jacobs No.	B36601D1	Rev	P01
Client no.	HE551497		
Drawing number	PIN	Originator	Volume
HE551497 -	JAC	- LDC -	
S3_SR		-DR- C -0308	

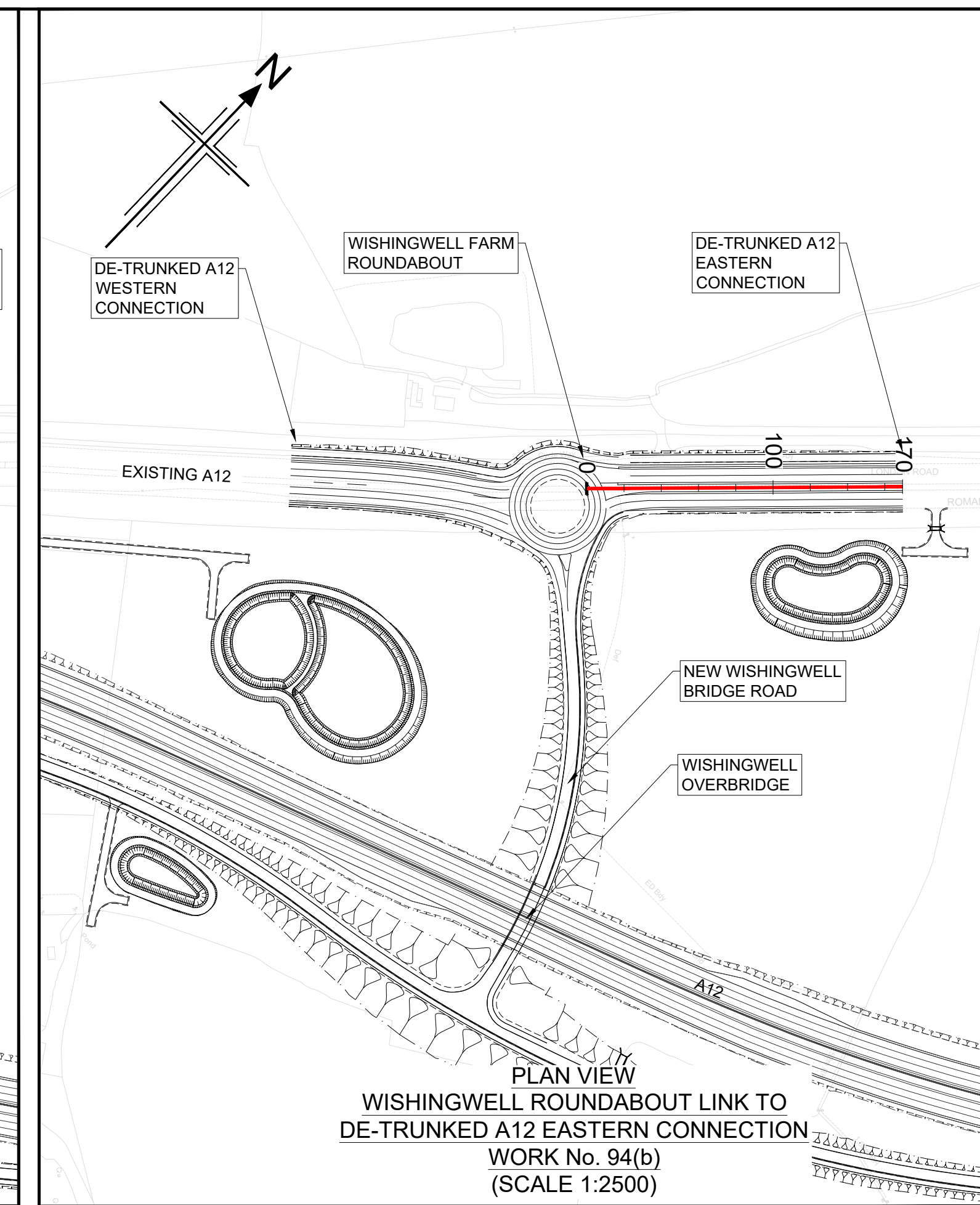
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PLAN VIEW
WISHINGWELL ROUNDABOUT LINK TO
DE-TRUNKED A12 WESTERN CONNECTION
WORK No. 94(b)
(SCALE 1:2500)



PLAN VIEW
WISHINGWELL ROUNDABOUT
WORK No. 94(b)
(SCALE 1:2500)



PLAN VIEW
WISHINGWELL ROUNDABOUT LINK TO
DE-TRUNKED A12 EASTERN CONNECTION
WORK No. 94(b)
(SCALE 1:2500)

NOTES

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HE551497-JAC-LDC-SCHW-DR-C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SCHW-DR-C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

9600

CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

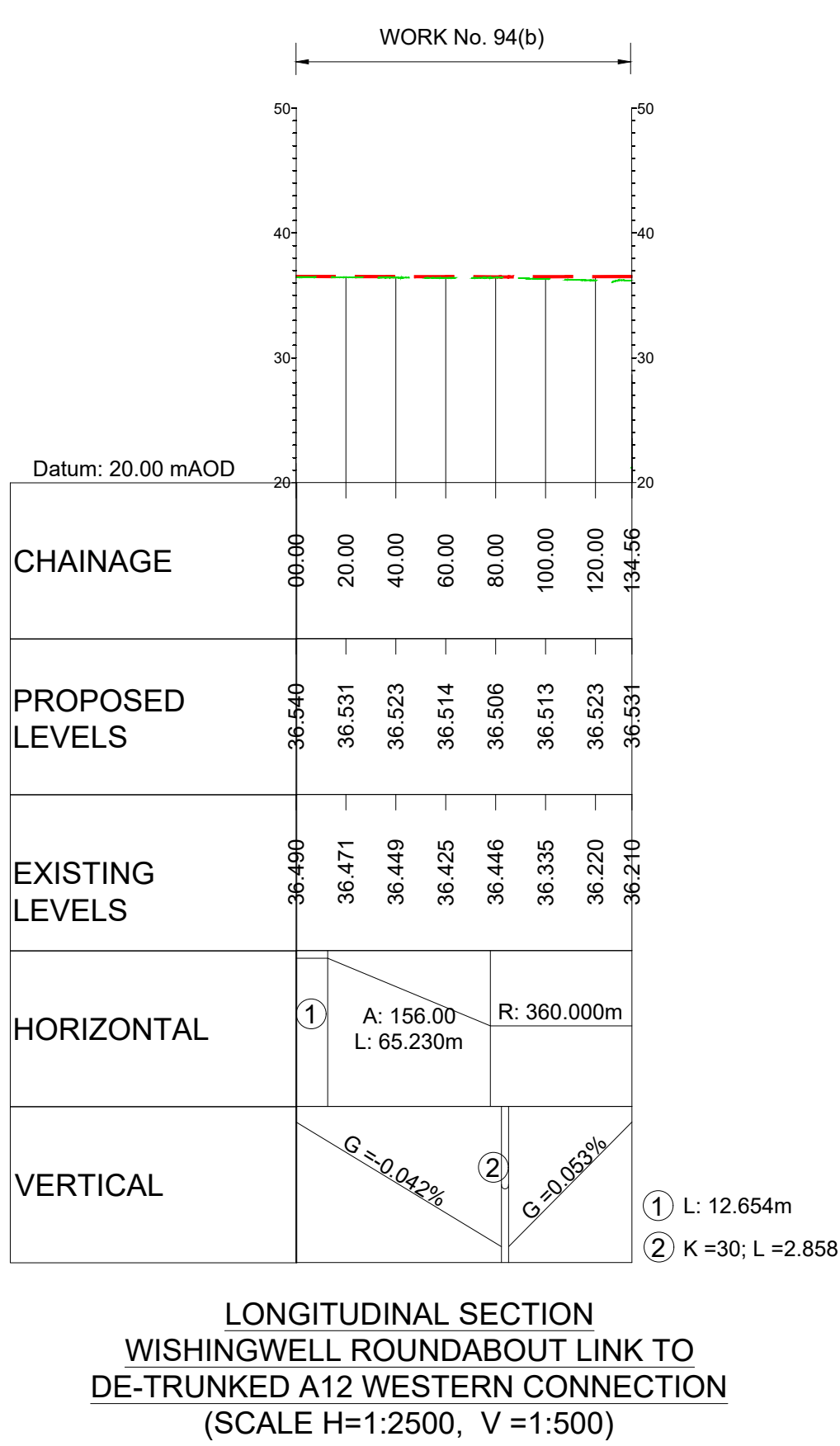
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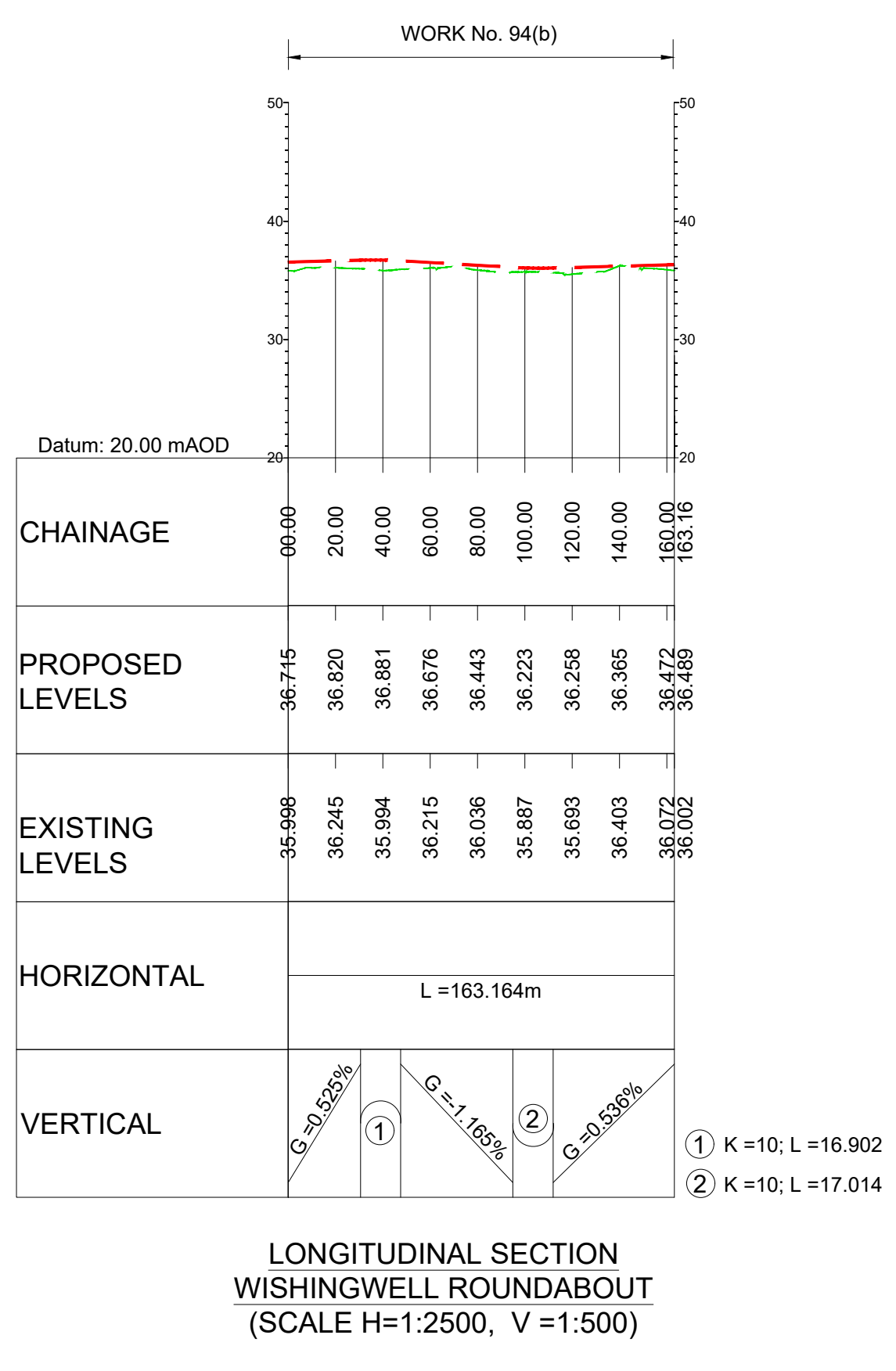
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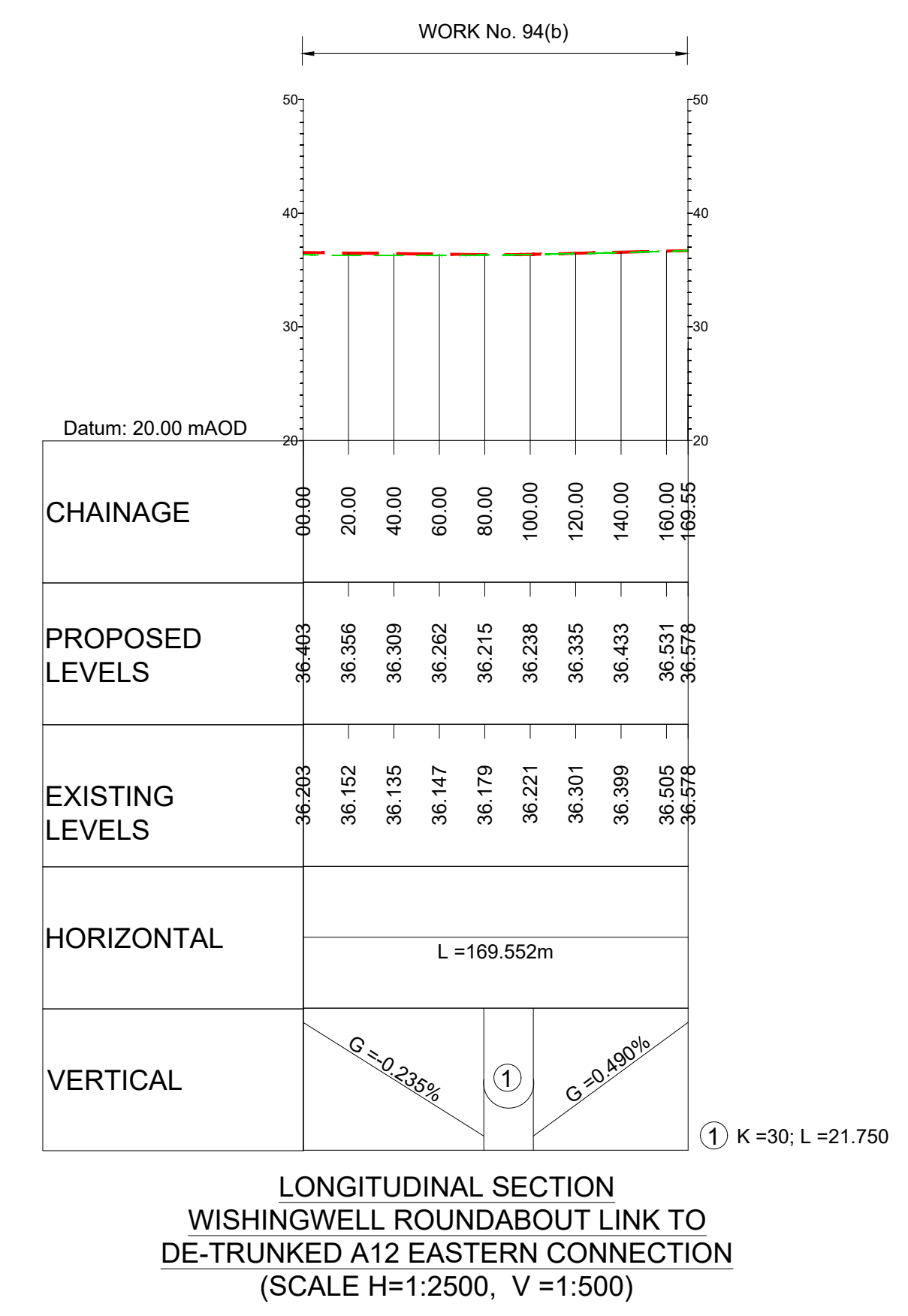
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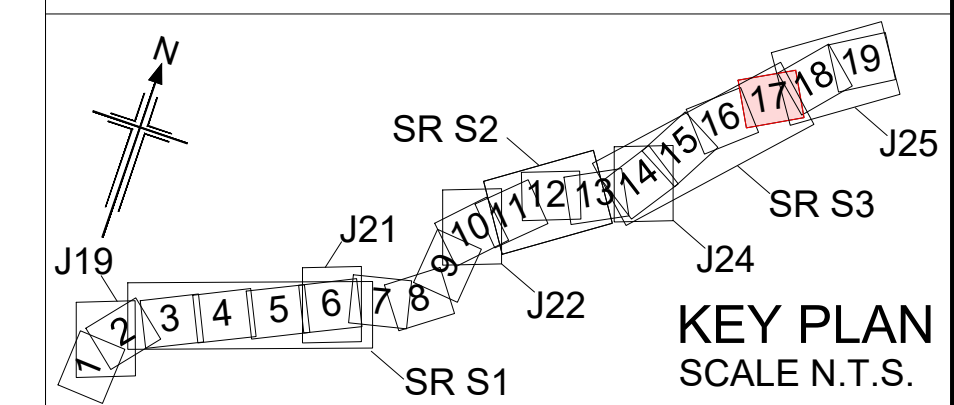
LONGITUDINAL SECTION
WISHINGWELL ROUNDABOUT LINK TO
DE-TRUNKED A12 WESTERN CONNECTION
(SCALE H=1:2500, V=1:500)



LONGITUDINAL SECTION
WISHINGWELL ROUNDABOUT
(SCALE H=1:2500, V=1:500)



LONGITUDINAL SECTION
WISHINGWELL ROUNDABOUT LINK TO
DE-TRUNKED A12 EASTERN CONNECTION
(SCALE H=1:2500, V=1:500)



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number: TR010060

Development Consent Order Drawing Number: TR010060/APP/2.11

Client: **national highways**

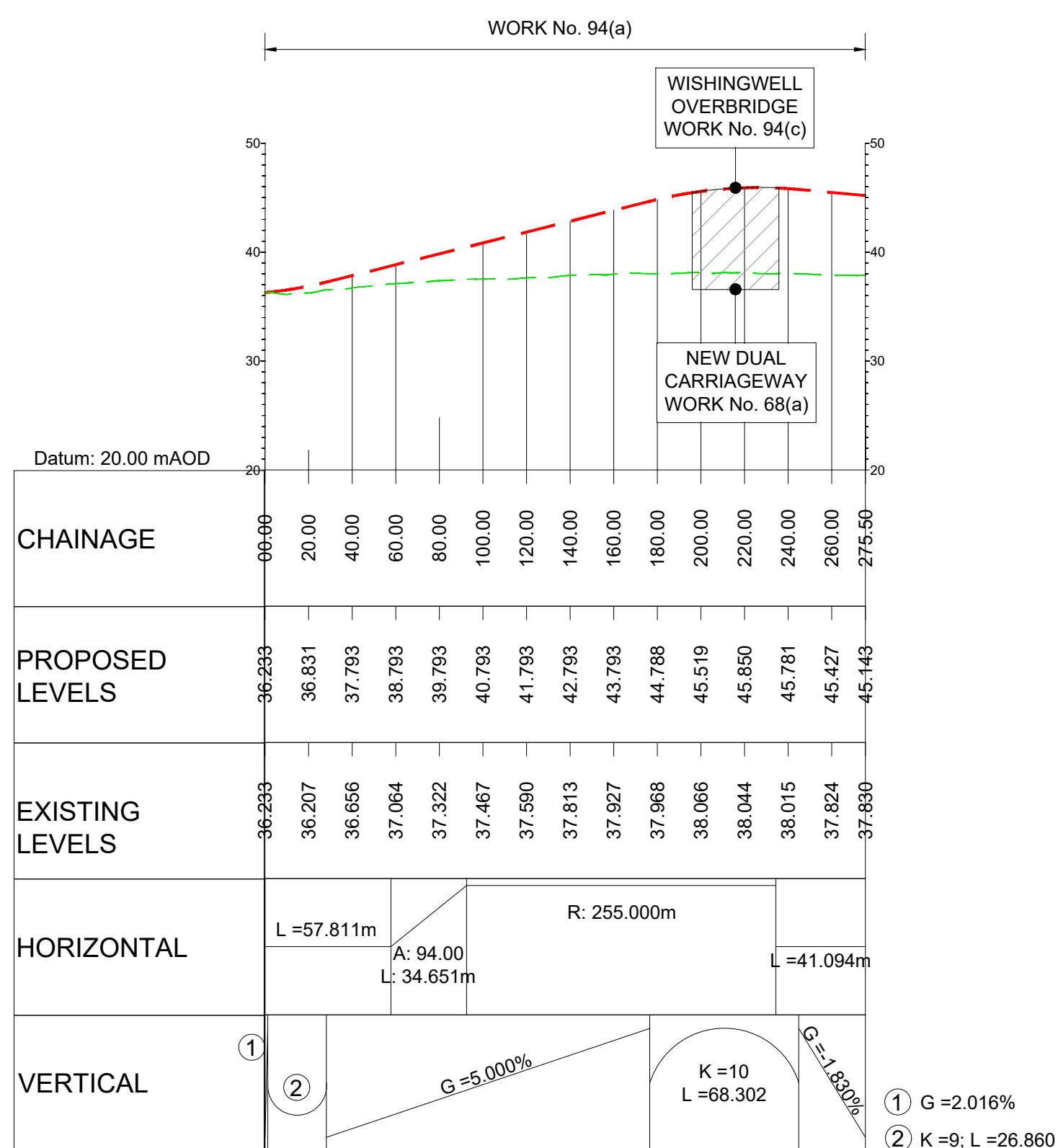
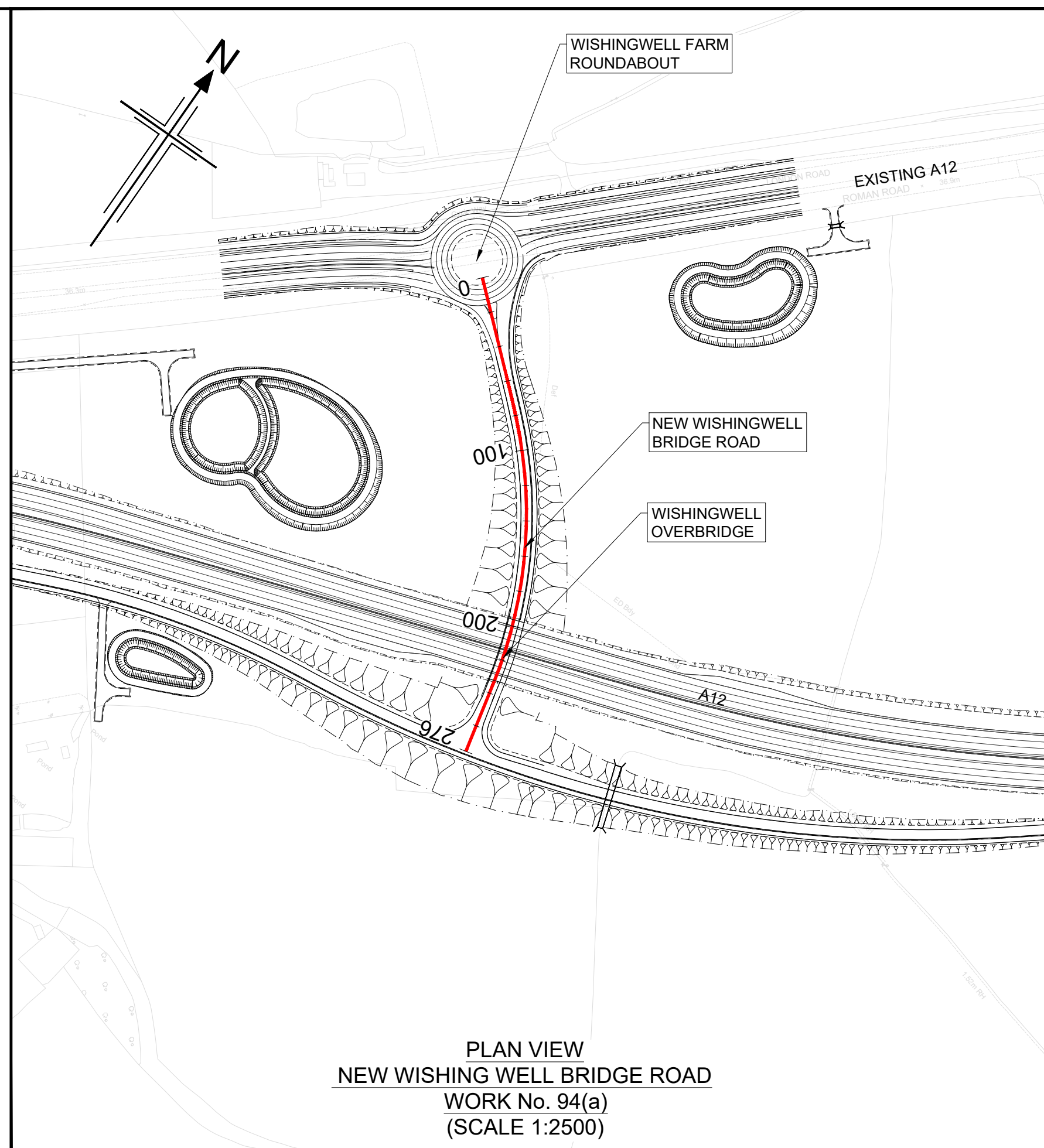
Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S3 SHEET 8 OF 10**

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P01

Drawing number	PIN	Originator	Volume
HE551497 - JAC - LDC - S3_SR			
Location	Type	Role	Number

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LONGITUDINAL SECTION
NEW WISHINGWELL BRIDGE ROAD
(SCALE H=1:2500, V=1:500)

- NOTES
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HE551497-JAC-LDC-SHW-DR- C-2000 FOR MAINLINE PROFILES.
HE551497-JAC-LDC-SHW-DR- C-2020 FOR JUNCTION PROFILES.
HE551497-JAC-LDC-SHW-DR- C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

9600

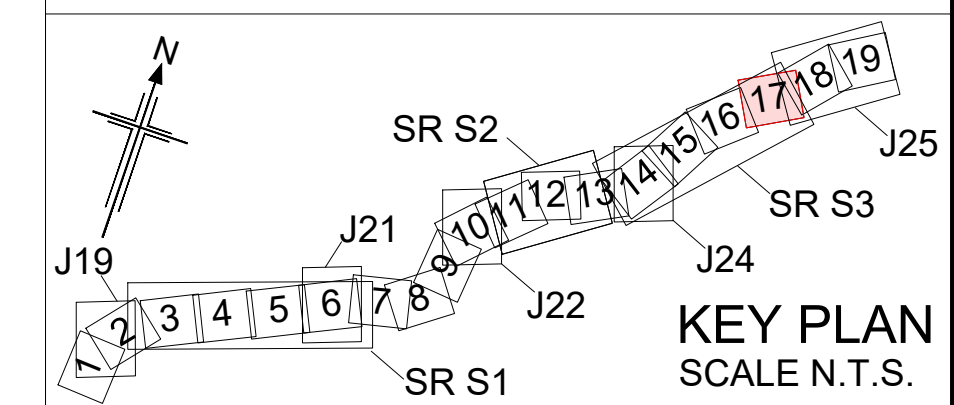
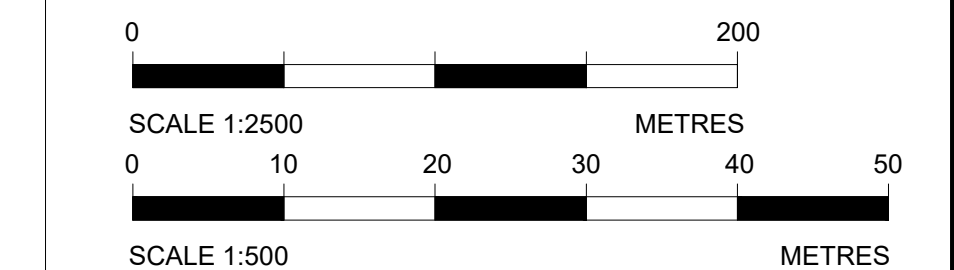
CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010060	TR010060/APP/2.11



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

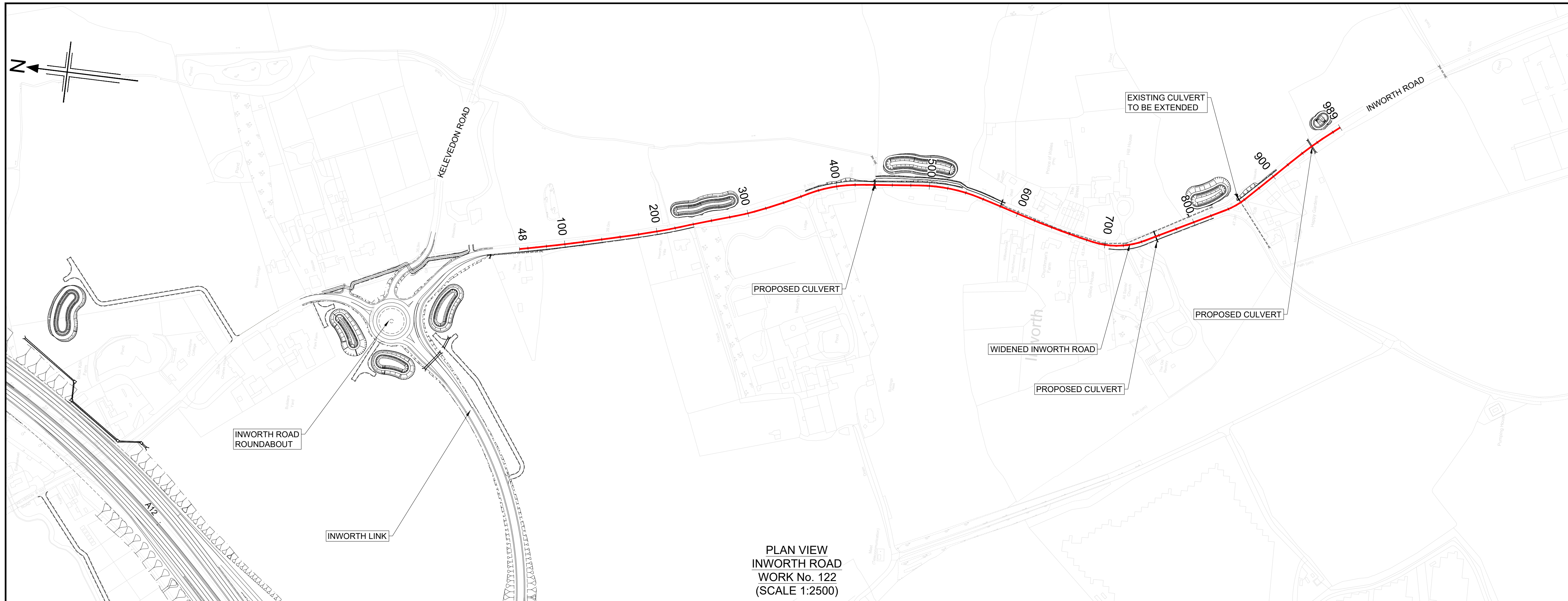
Drawing title
ENGINEERING SECTIONS
(PLAN AND PROFILES)
SIDE ROADS S3 SHEET 9 OF 10

Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)		
Purpose of issue	DCO APPLICATION		
State Code	Preliminary		
Project Stage	PCF3	Drawing status	
Scale at A1 (841x594mm)	AS SHOWN	S4	
Jacobs No.	B36601D1	Rev	
Client no.	HE551497	P01	

Drawing number	PIN	Originator	Volume
HE551497 -	JAC	LDC -	
S3_SR		-DR- C	-0310

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NOTES

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HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

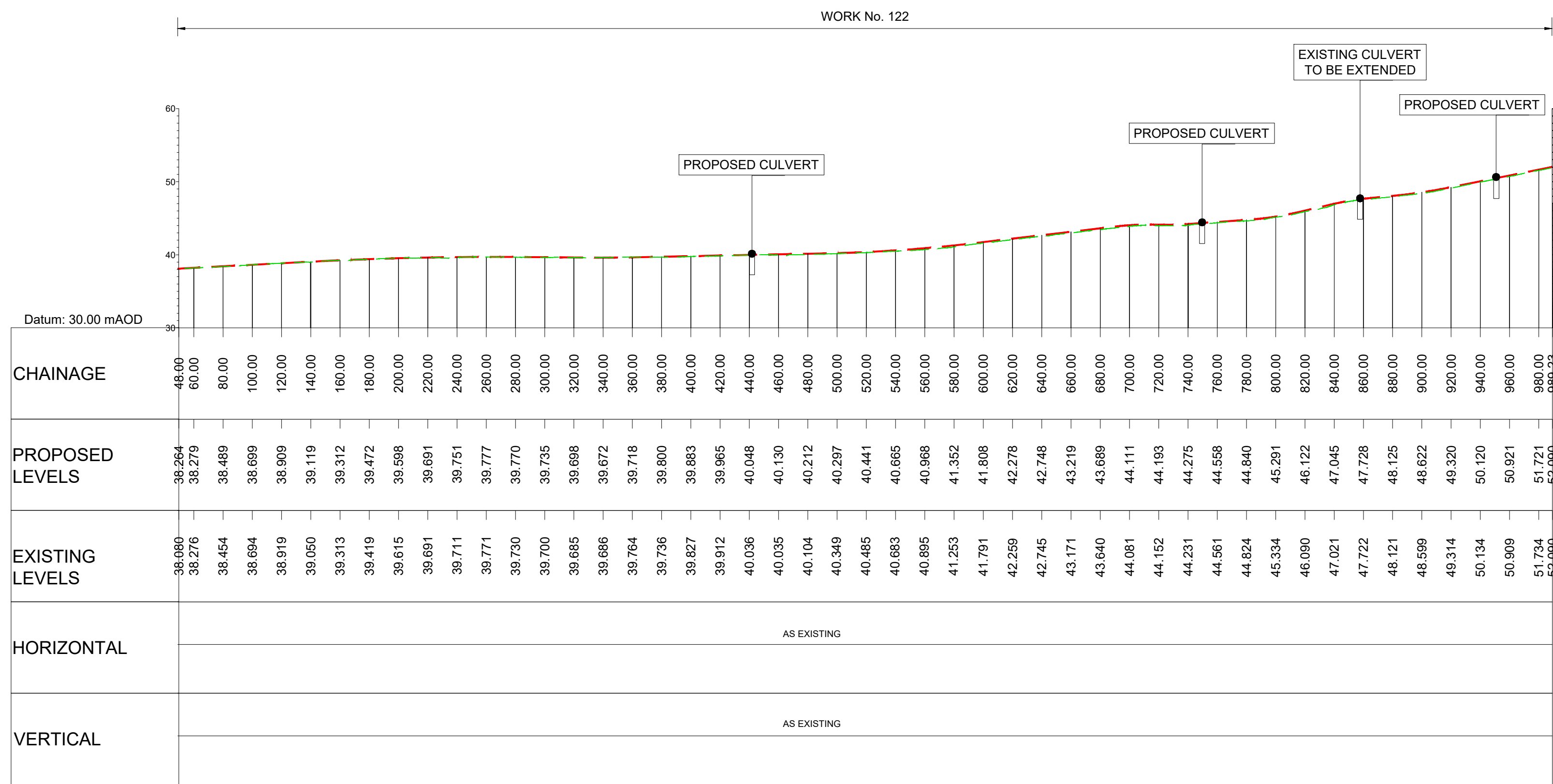
- 9600
- CHAINAGE
- CENTRELINE OF NEW ROAD

PROFILE

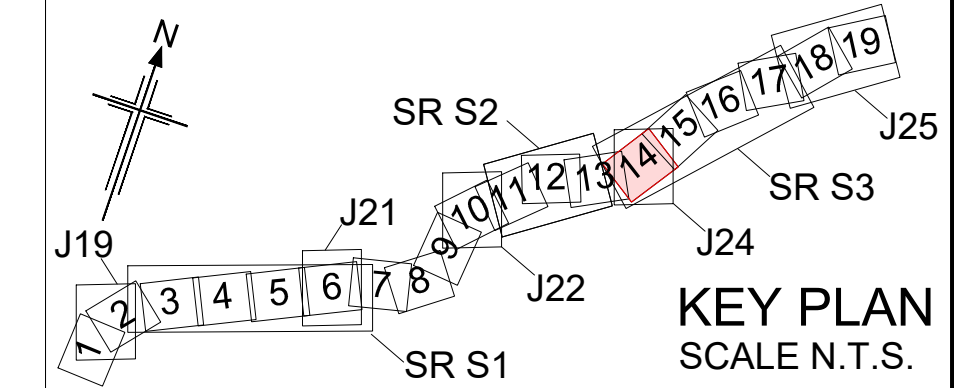
- TOPOGRAPHICAL SURVEY (EXISTING GROUND)
- FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

0 200
SCALE 1:2500 METRES

0 10 20 30 40 50
SCALE 1:500 METRES



LONGITUDINAL SECTION
INWORTH ROAD
(SCALE H=1:2500, V=1:500)



P01	02/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.11			
Client national highways						
Project A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title ENGINEERING SECTIONS (PLAN AND PROFILES) SIDE ROADS S3 SHEET 10 OF 10						
Regulation		REGULATION 5(2)(o), 5(2)(p) & 6(2)				
Purpose of issue		DCO APPLICATION				
State Code		Preliminary				
Project Stage		PCF3			Drawing status	
Scale at A1 (841x594mm)		AS SHOWN			S4	
Jacobs No.		B36601D1			Rev	
Client no.		HE551497			P01	
Drawing number PIN Originator Volume HE551497 - JAC - LDC - Location Type Role Number S3_SR -DR- C -0311						

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