

A12 Chelmsford to A120 widening scheme

TR010060

2.11 ENGINEERING SECTION DRAWINGS PART 2

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

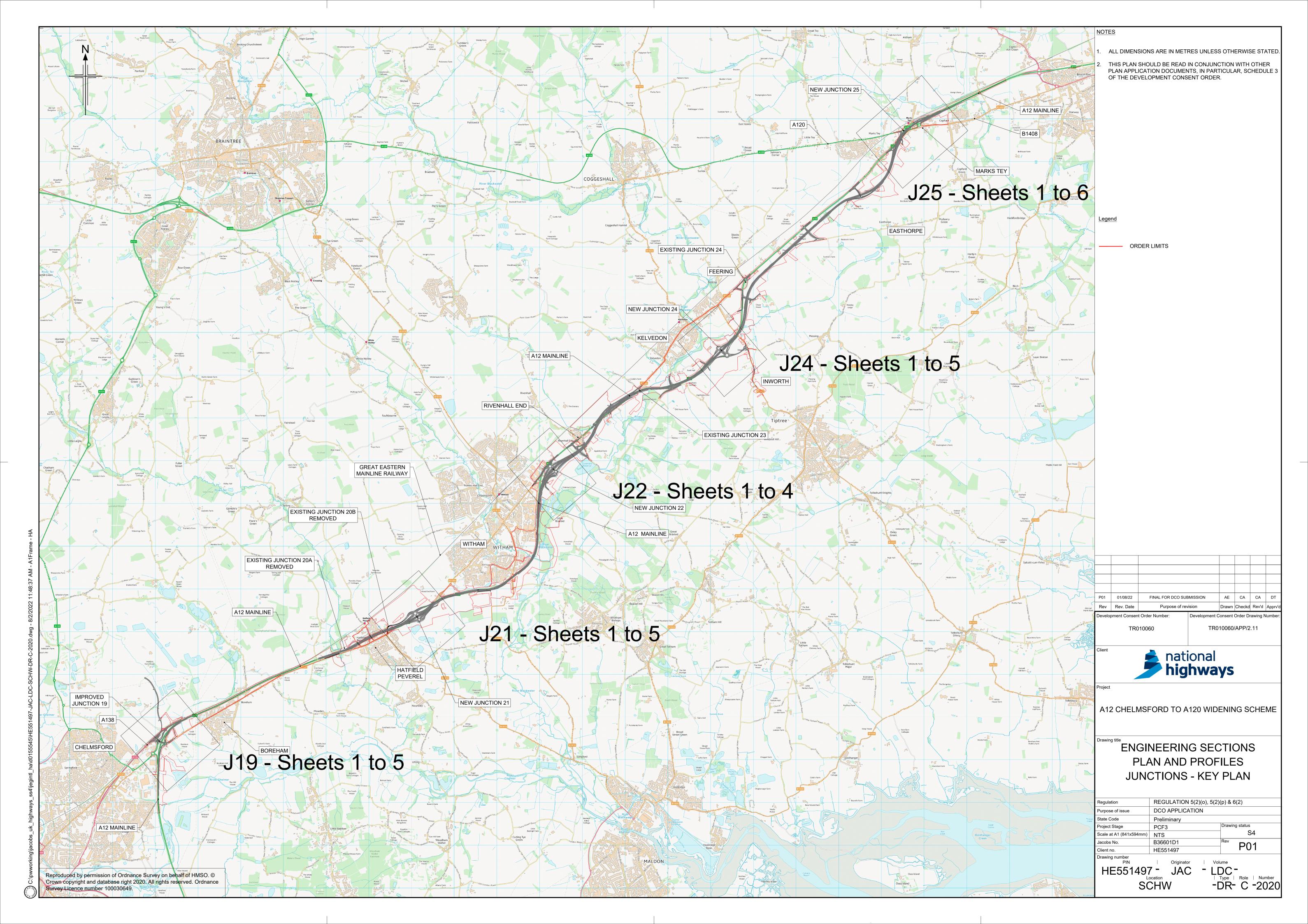
A12 Chelmsford to A120 widening scheme Development Consent Order 202[]

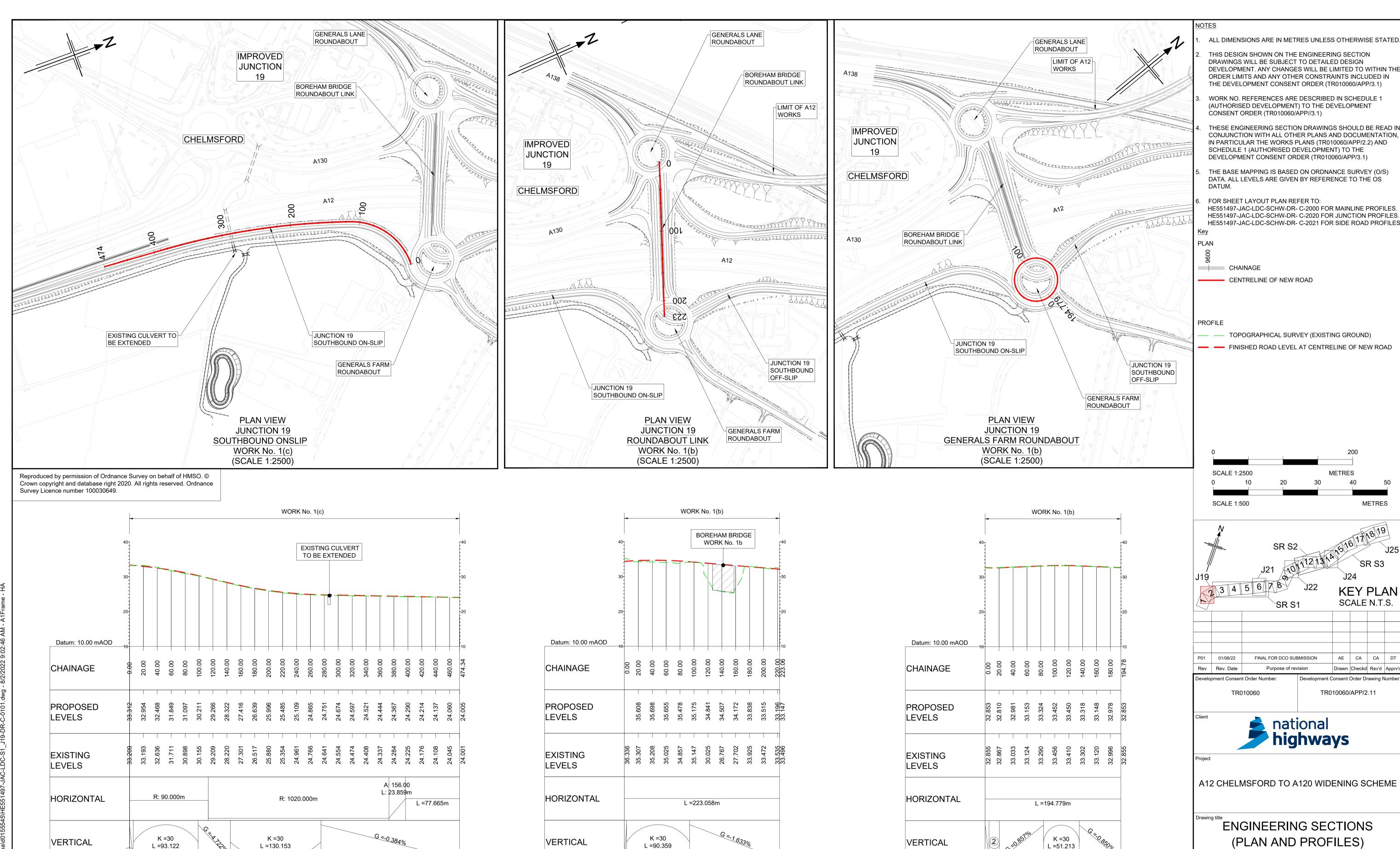
ENGINEERING SECTION DRAWINGS PART 2

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

Planning Inspectorate Scheme Ref: TR010060
Application Document Ref: TR010060/APP/2.11





K = 30

L =90.359

LONGITUDINAL SECTION

JUNCTION 19

ROUNDABOUT LINK

(SCALE H=1:2500, V =1:500)

(1) G =1.341%

VERTICAL

K =30

L =51.213

(1) G =-0.803%

(2) K =9; L =14.941

LONGITUDINAL SECTION

JUNCTION 19

GENERALS FARM ROUNDABOUT

(SCALE H=1:2500, V =1:500)

VERTICAL

(PLAN AND PROFILES)

JUNCTION 19 SHEET 1 OF 5

DCO APPLICATION

PCF3

S1_J19

B36601D1

HE551497

Scale at A1 (841x594mm) AS SHOWN

Regulation

State Code

Client no.

Project Stage

Purpose of issue

REGULATION 5(2)(o), 5(2)(p) & 6(2)

Drawing status

- LDC-

S4

P01

Type | Role | Number - DR- C -0101

G ≈-0.384%

VERTICAL

K = 30

L =93.122

(1) G =-1.618%

K =30

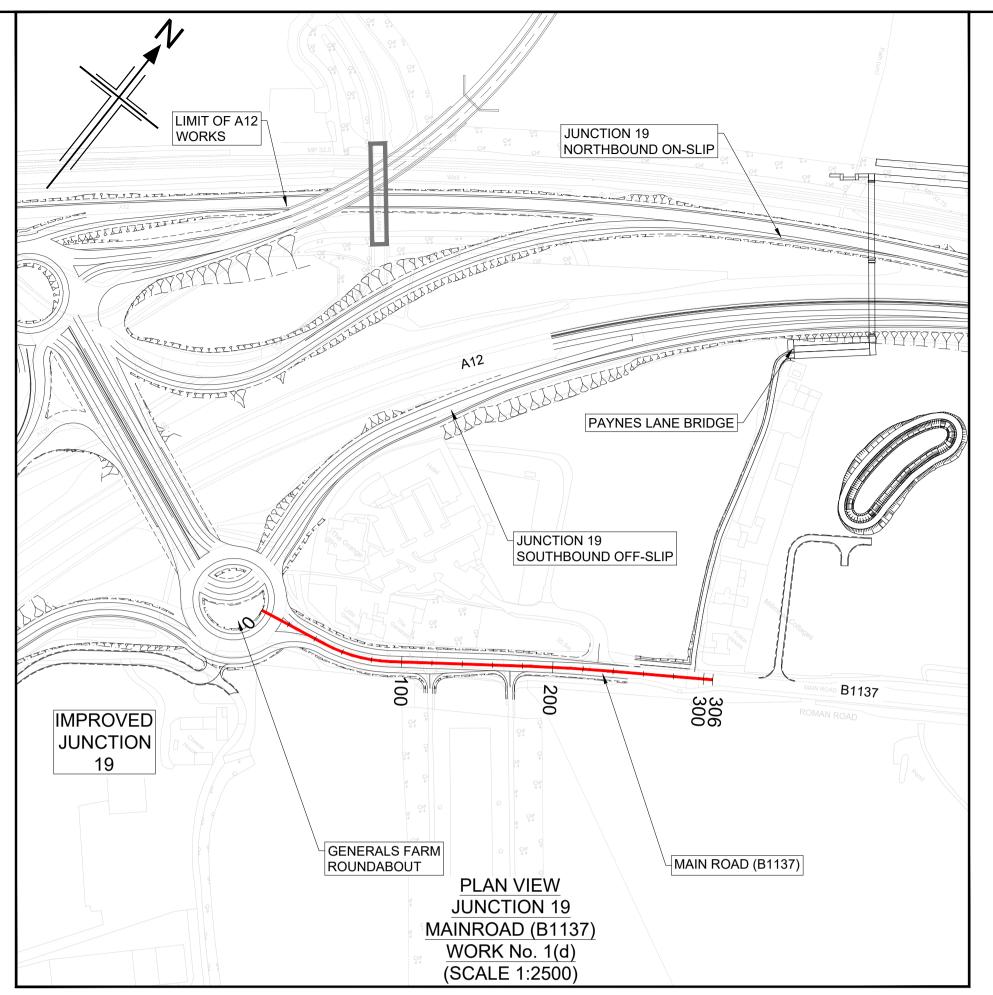
L =130.153

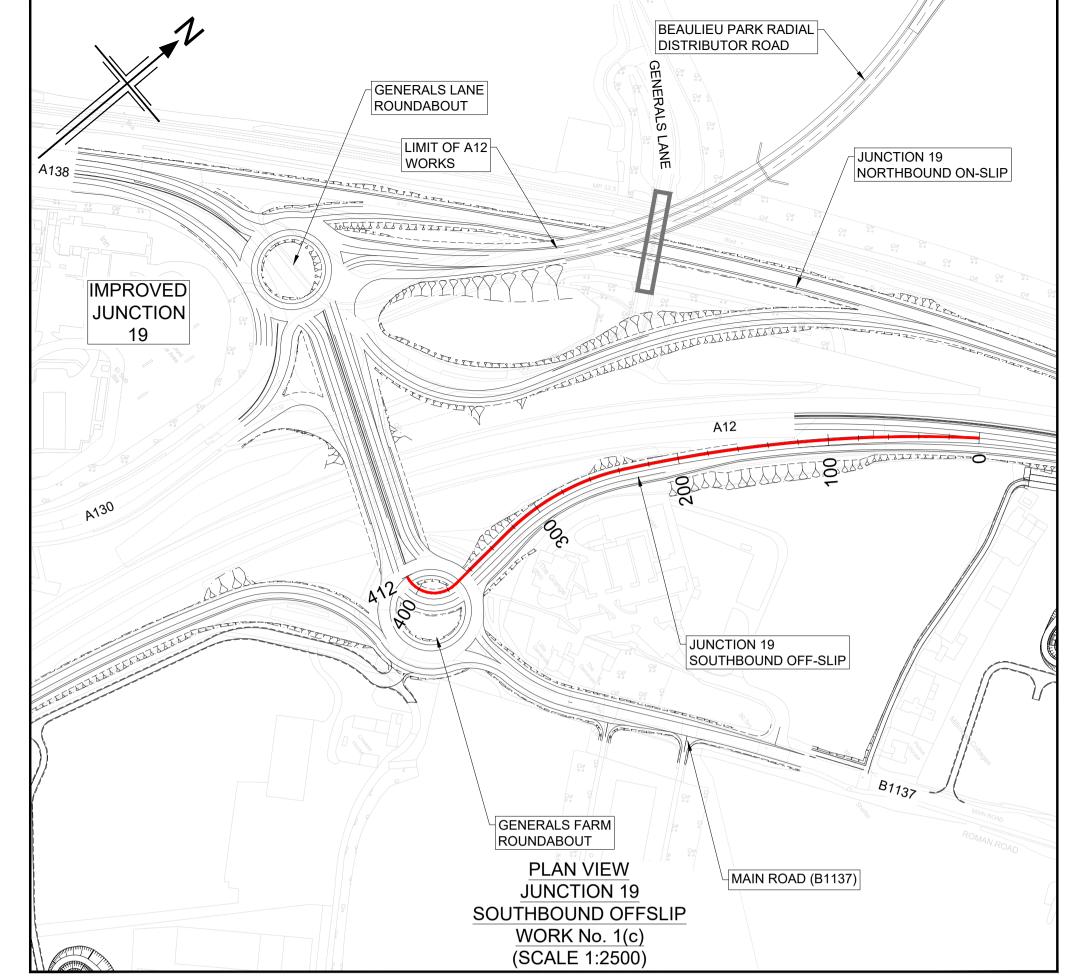
LONGITUDINAL SECTION

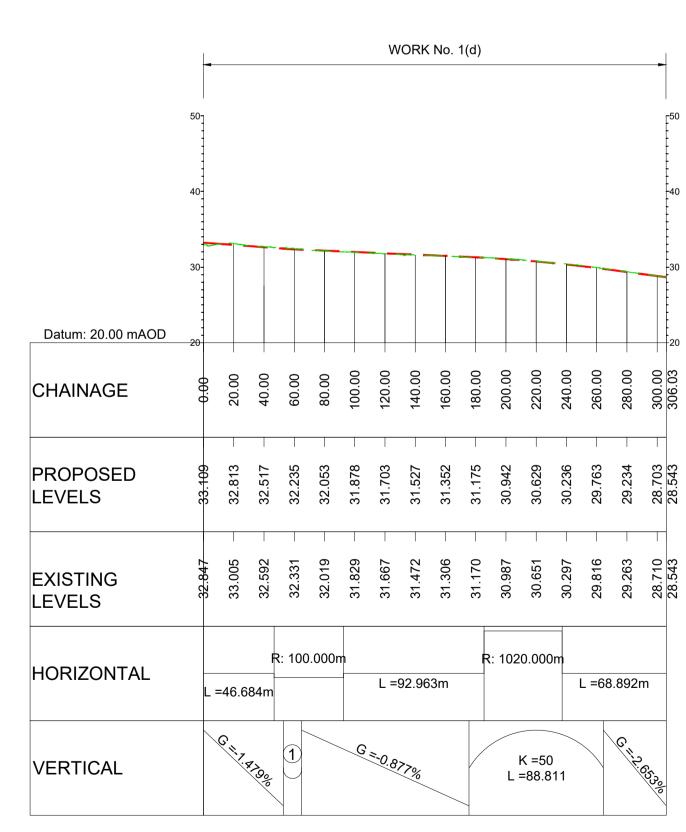
JUNCTION 19

SOUTHBOUND ONSLIP

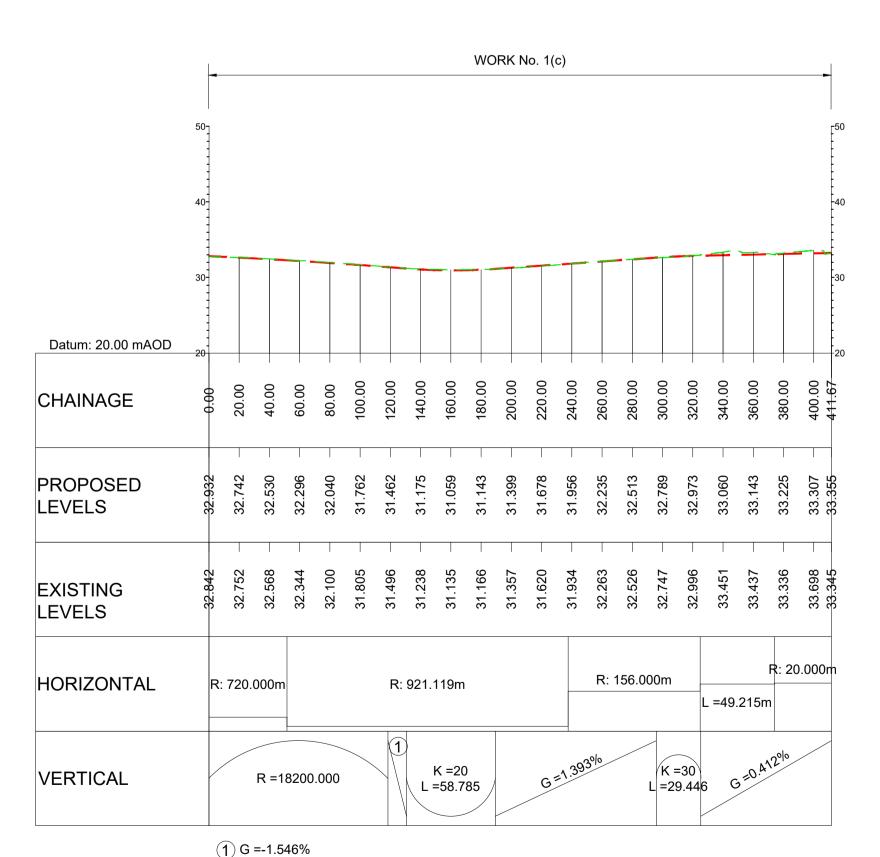
(SCALE H=1:2500, V =1:500)







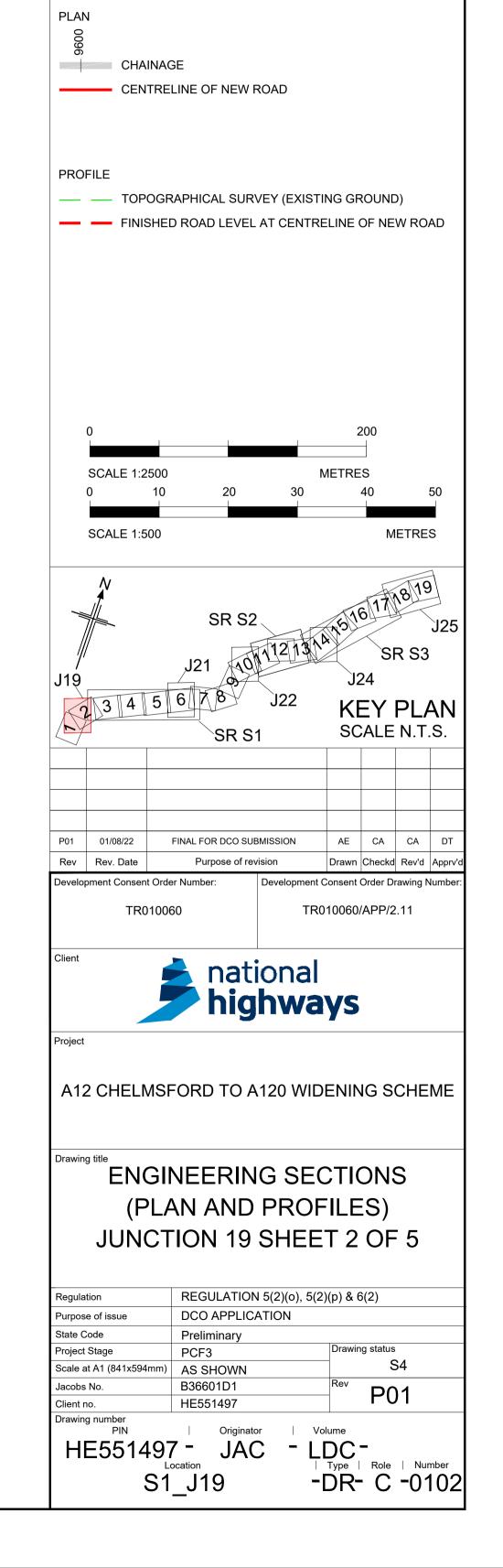
1 K =20; L =12.031 LONGITUDINAL SECTION **JUNCTION 19** MAINROAD (B1137) (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION **JUNCTION 19** SOUTHBOUND OFFSLIP

(SCALE H=1:2500, V =1:500)

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ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION. IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND

THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S)

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

DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS

ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN

THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1

(AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT

SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE

DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

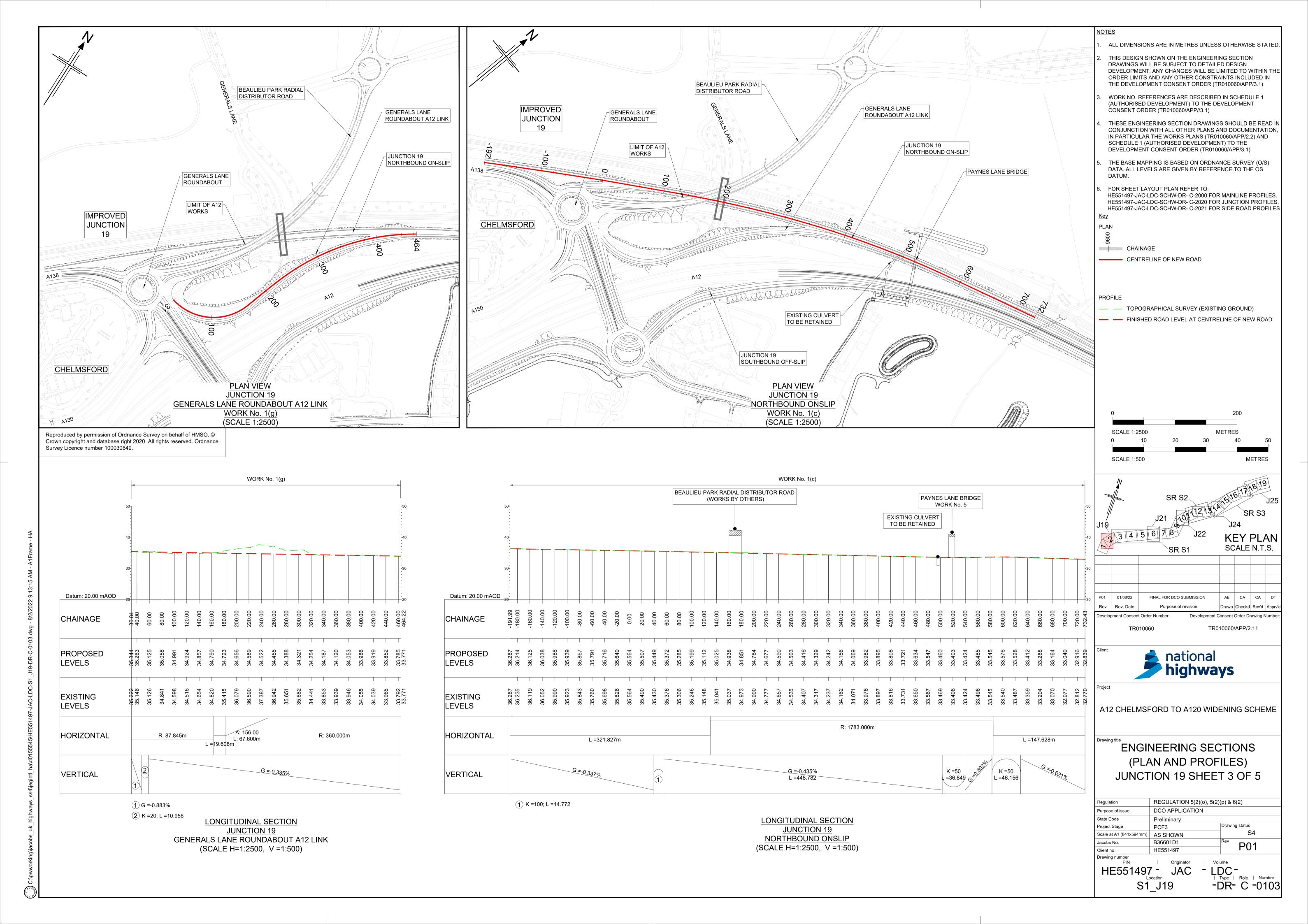
CONSENT ORDER (TR010060/APP//3.1)

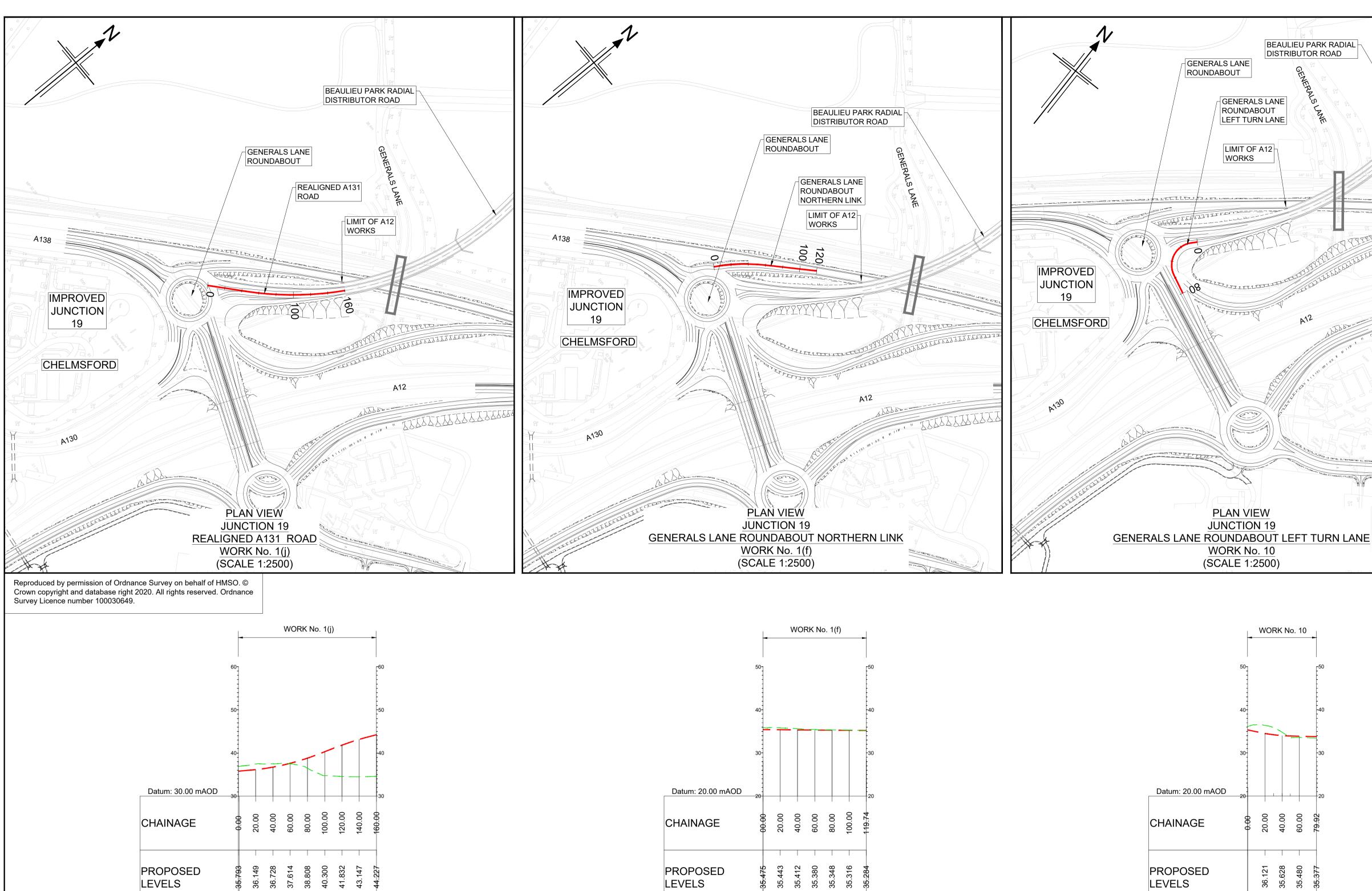
. FOR SHEET LAYOUT PLAN REFER TO:

DATUM.

THIS DESIGN SHOWN ON THE ENGINEERING SECTION

DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN





EXISTING

HORIZONTAL

VERTICAL

LEVELS

LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT NORTHERN LINK (SCALE H=1:2500, V =1:500)

R: 210.579m

L =58.853m

20.00 36.121 35.628 35.480 .976 .404 **EXISTING** 37.5 36.4 35.7 LEVELS HORIZONTAL R: 26.000m K =10 VERTICAL L =38.530 (1) L =7.152m 2 L =23.584m (3) G =-4.367% LONGITUDINAL SECTION

JUNCTION 19 GENERALS LANE ROUNDABOUT LEFT TURN LANE (SCALE H=1:2500, V =1:500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN TH ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION. IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM. 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

PROFILE TOPOGRAPHICAL SURVEY (EXISTING GROUND)

CENTRELINE OF NEW ROAD

CHAINAGE

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

SCALE 1:2500 **METRES** 30 40 SCALE 1:500

KEY PLAN SCALE N.T.S. FINAL FOR DCO SUBMISSION Rev Rev. Date Drawn Checkd Rev'd App Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060

national **highways**

A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 19 SHEET 4 OF 5

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

- LDC -| Type | Role | Number -DR- C -0104 S1_J19

LONGITUDINAL SECTION **JUNCTION 19** BEAULIEU PARK RADIAL DISTRIBUTOR ROAD (SCALE H=1:2500, V =1:500)

R: 360.000m

K =17

L =208.791

K =13 L =80.034

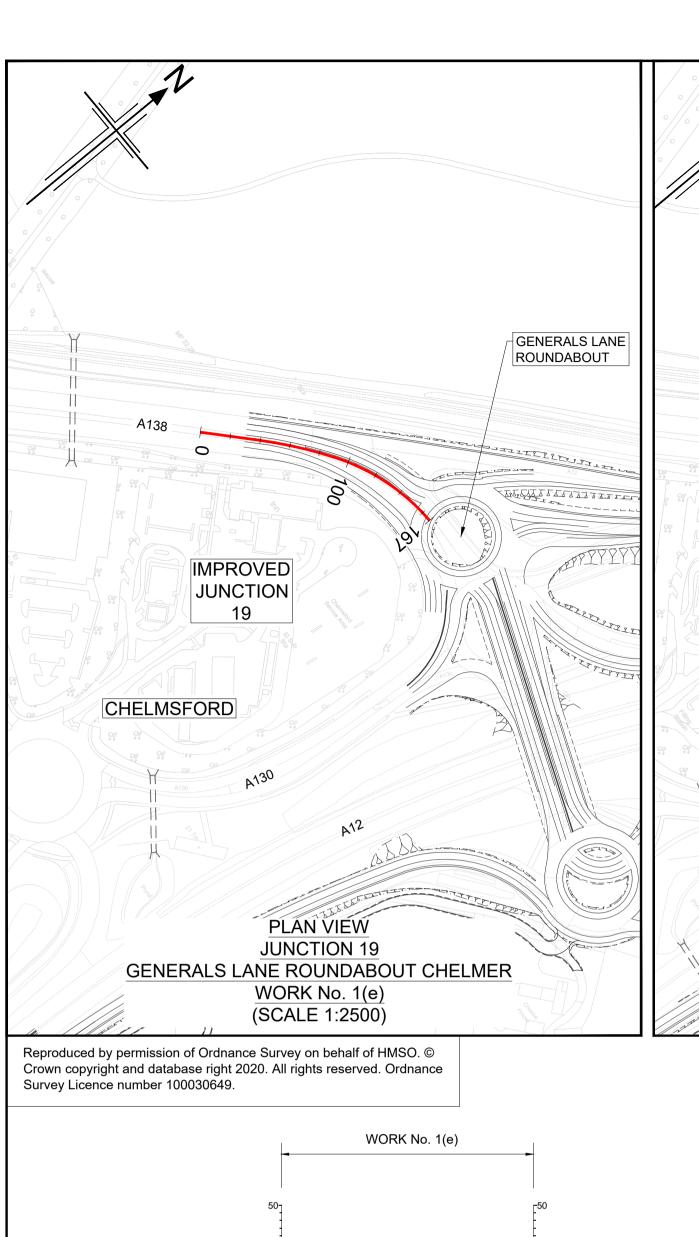
(1) G =1.725% (2) G =7.881%

EXISTING

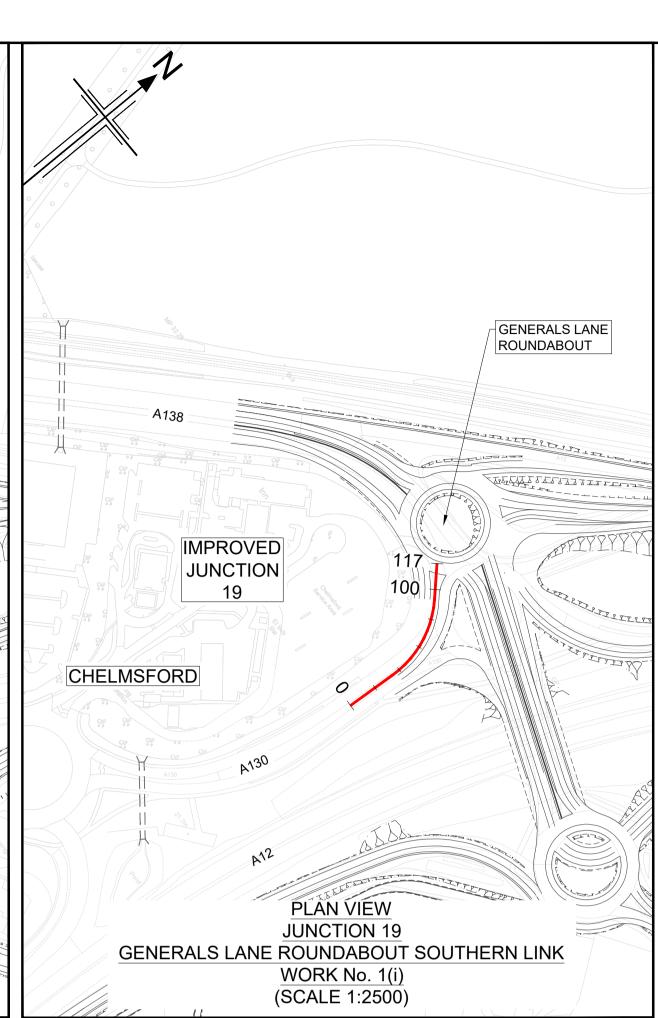
HORIZONTAL

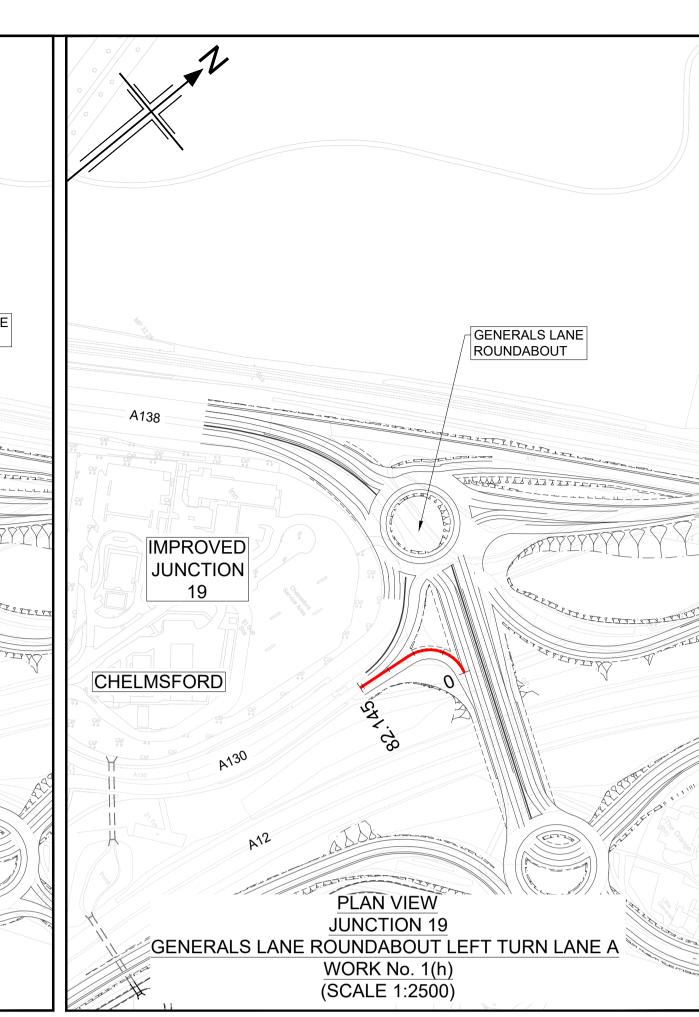
VERTICAL

LEVELS



GENERALS LANE ROUNDABOUT **IMPROVED** JUNCTION 19 TYPETYPETYPE CHELMSFORD PLAN VIEW **JUNCTION 19** GENERALS LANE ROUNDABOUT WORK No. 1(b) (SCALE 1:2500)





(AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION, IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM. 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 CHAINAGE CENTRELINE OF NEW ROAD TOPOGRAPHICAL SURVEY (EXISTING GROUND) FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN TH ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1

THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN

METRES SCALE 1:2500 30 40 SCALE 1:500

SR S3 **KEY PLAN** SCALE N.T.S. FINAL FOR DCO SUBMISSION AE CA CA Rev Rev. Date Drawn Checkd Rev'd App Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060

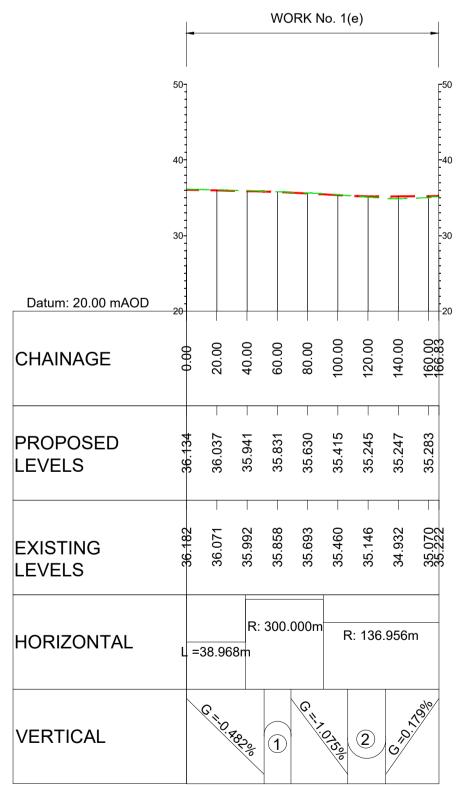
national **highways**

A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 19 SHEET 5 OF 5

urpose of issue	DCO APPLICATIO	N
tate Code	Preliminary	
roject Stage	PCF3	Drawing status
cale at A1 (841x594mm)	AS SHOWN	S4
acobs No.	B36601D1	P01
lient no.	HE551497	PUI
	Originator 7 - JAC Docation J19	- LDC - - Type Role Number -DR- C -0105
• .		2 0 0.00

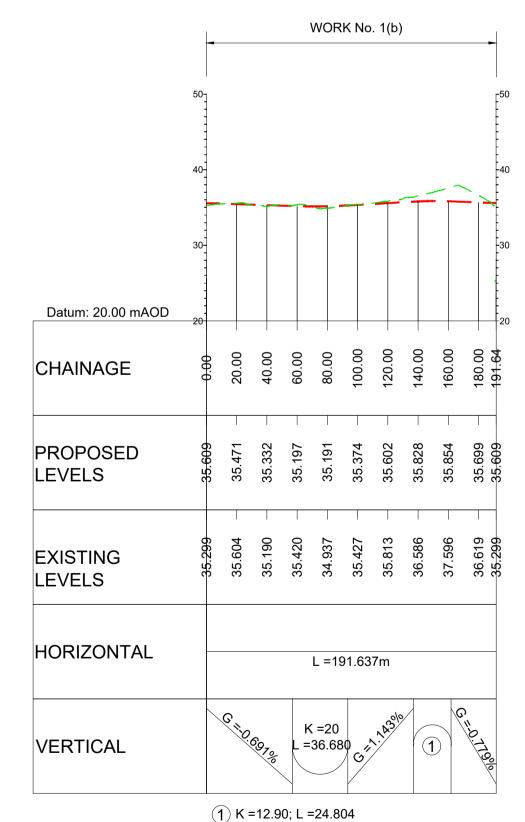
REGULATION 5(2)(o), 5(2)(p) & 6(2)



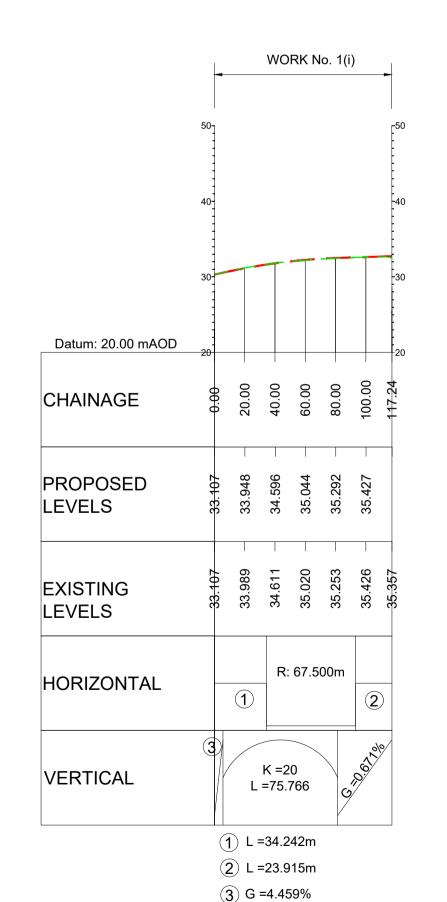
LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT CHELMER (SCALE H=1:2500, V =1:500)

1 K =30; L =17.778

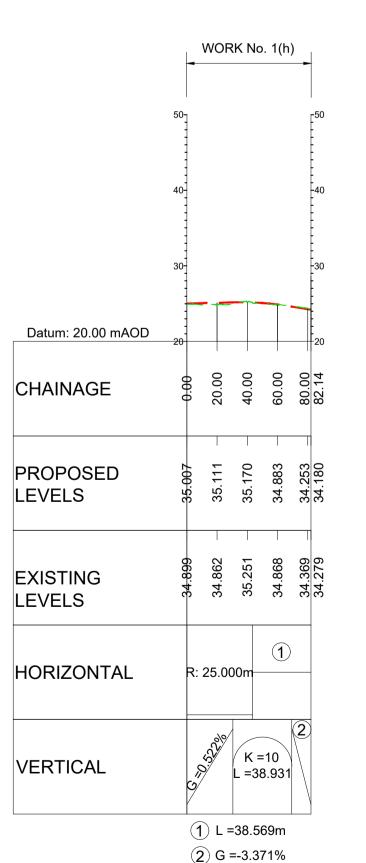
(2) K =20; L =25.083



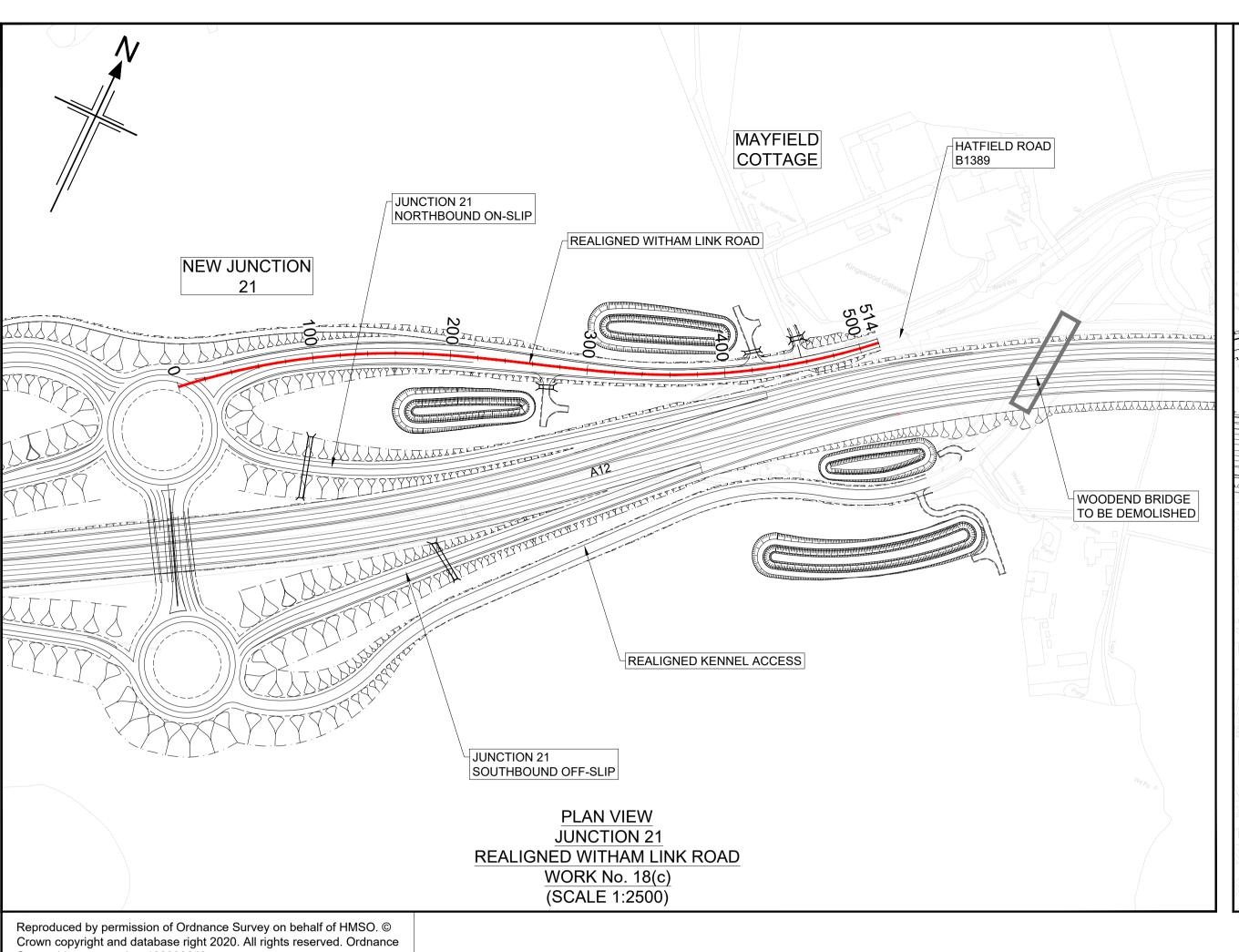
LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT SOUTHERN LINK (SCALE H=1:2500, V =1:500)

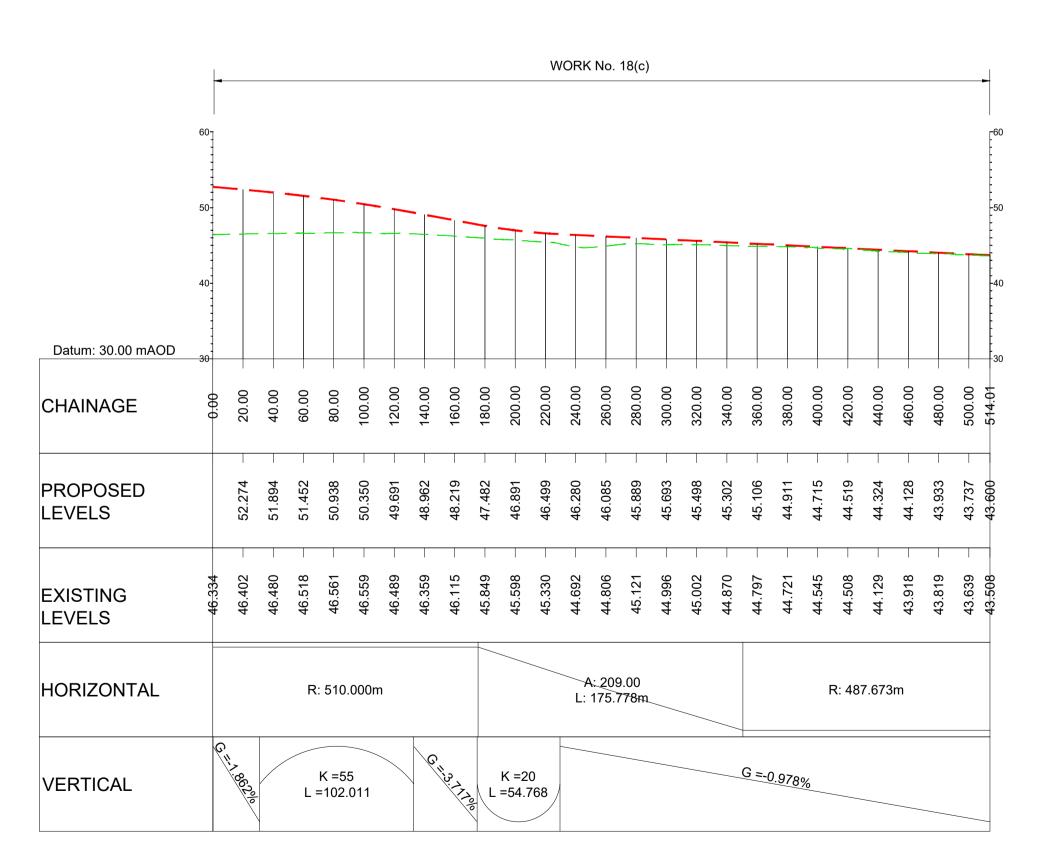


LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT LEFT TURN LANE A (SCALE H=1:2500, V =1:500)

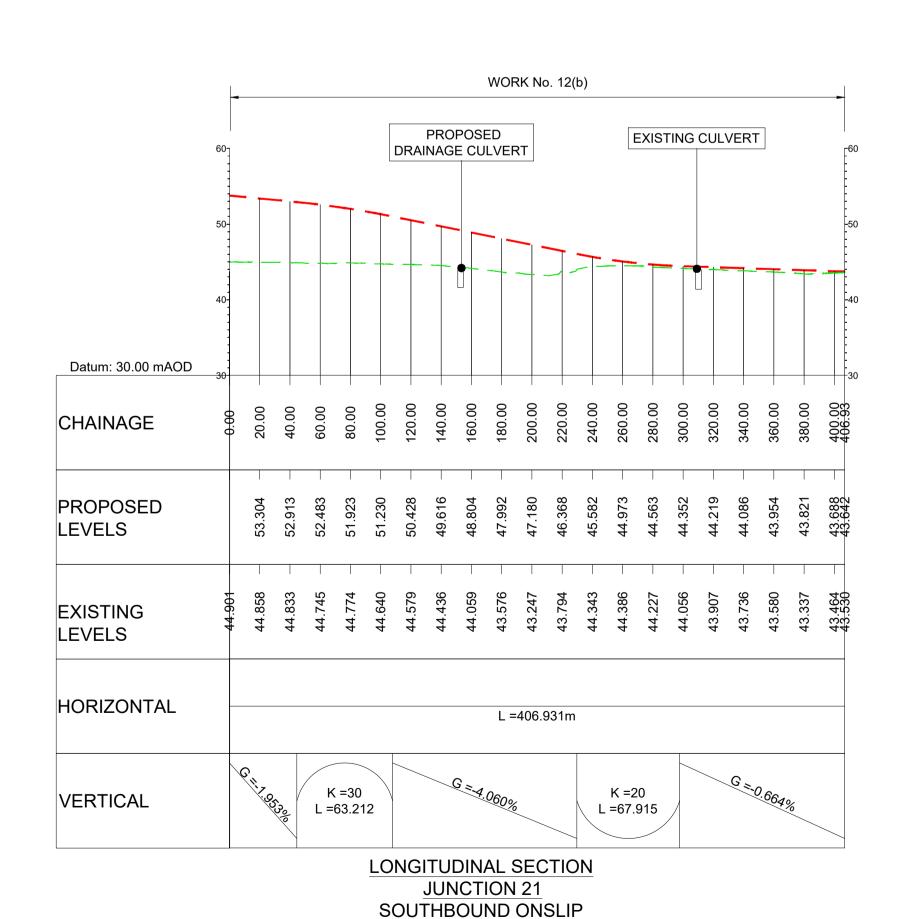


NEW JUNCTION 21 JUNCTION 21 NORTHBOUND OFF-SLIP HATFIELD ROAD OVERBRIDGE NEW HATFIELD PEVEREL LINK ROAD EXISTING **JUNCTION 20B** REMOVED **HATFIELD** PEVEREL **EXISTING CULVERT** JUNCTION 21 SOUTHBOUND ON-SLIP PROPOSED DRAINAGE CULVERT PLAN VIEW **JUNCTION 21** SOUTHBOUND ONSLIP WORK No. 12(b) (SCALE 1:2500)

Survey Licence number 100030649.



LONGITUDINAL SECTION **JUNCTION 21** REALIGNED WITHAM LINK ROAD (SCALE H=1:2500, V =1:500)



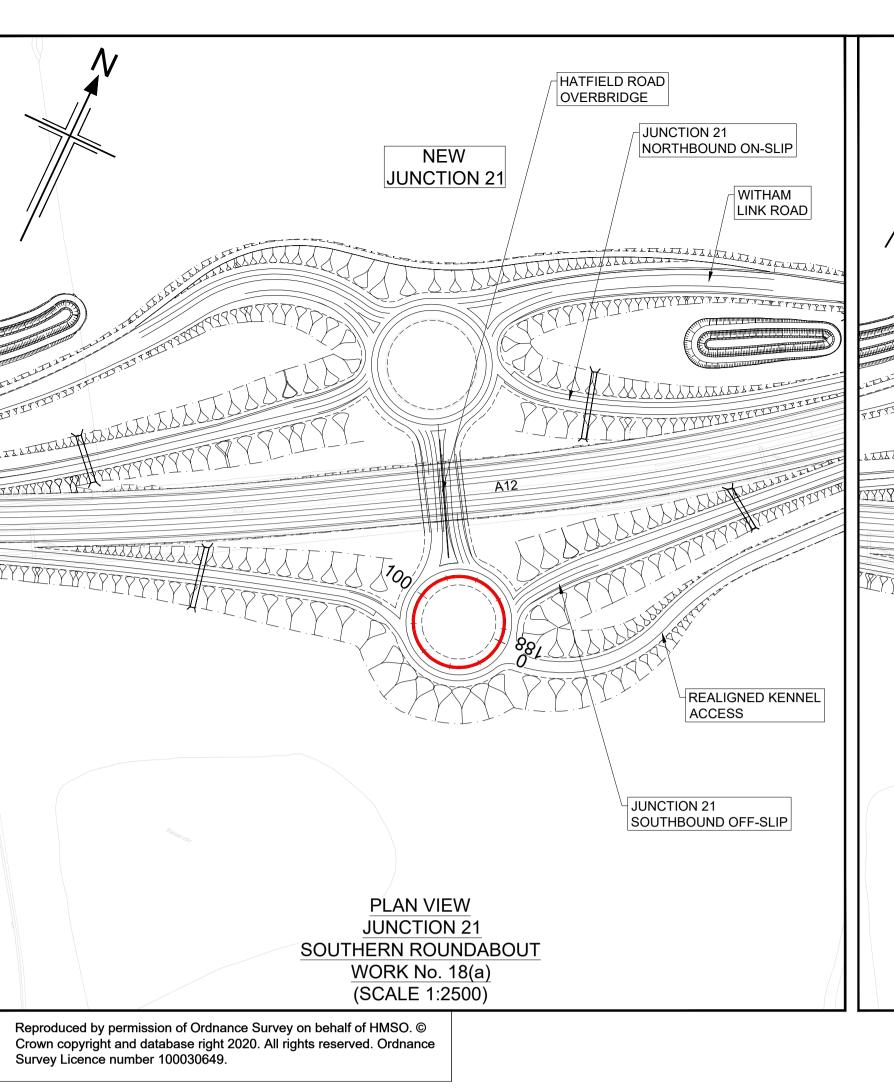
(SCALE H=1:2500, V =1:500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION, IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS 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 CHAINAGE CENTRELINE OF NEW ROAD TOPOGRAPHICAL SURVEY (EXISTING GROUND) FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD **METRES** SCALE 1:2500 SCALE 1:500 **KEY PLAN** SCALE N.T.S. FINAL FOR DCO SUBMISSION Rev Rev. Date Drawn Checkd Rev'd Appr Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060 national highways A12 CHELMSFORD TO A120 WIDENING SCHEME **ENGINEERING SECTIONS** (PLAN AND PROFILES)

JUNCTION 21 SHEET 1 OF 5

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	P01
Client no.	HE551497	PUI
Drawing number	Originator V	olume

HE551497 - JAC - LDC - Type | Role | Number - DR - C - 0101 S1_J21



NEW HATFIELD ROAD **JUNCTION 21 OVERBRIDGE** PLAN VIEW **JUNCTION 21 ROUNDABOUT LINK** WORK No. 18(a) (SCALE 1:2500)

MAYFIELD WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 JUNCTION 21 COTTAGE NORTHBOUND ON-SLIP NEW WITHAM LINK ROAD **JUNCTION 21** IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES **PROFILE** JUNCTION 21 SOUTHBOUND OFF-SLIP REALIGNED KENNEL ACCESS PLAN VIEW **JUNCTION 21** REALIGNED KENNEL ACCESS WORK No. 18(d) (SCALE 1:2500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION

DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

(AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION.

SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S)

DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS

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.

CHAINAGE

CENTRELINE OF NEW ROAD

- TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

METRES SCALE 1:2500

30 SCALE 1:500

KEY PLAN SCALE N.T.S. FINAL FOR DCO SUBMISSION Drawn Checkd Rev'd App TR010060/APP/2.11 TR010060

national highways

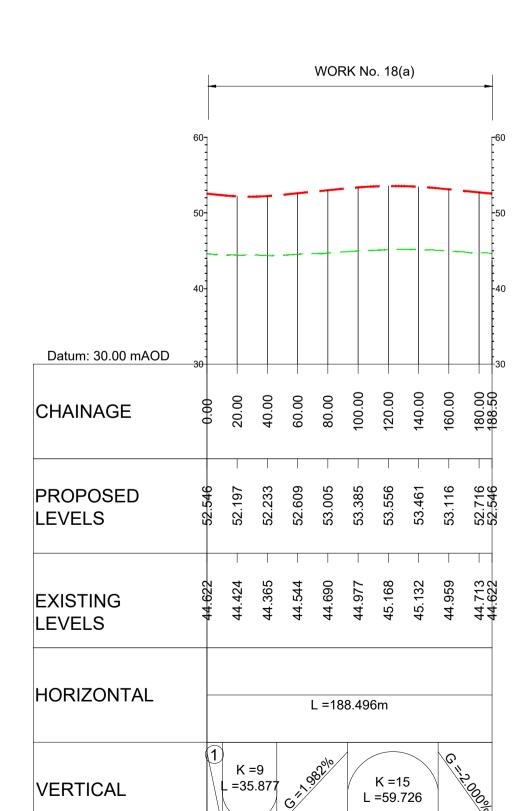
A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 21 SHEET 2 OF 5

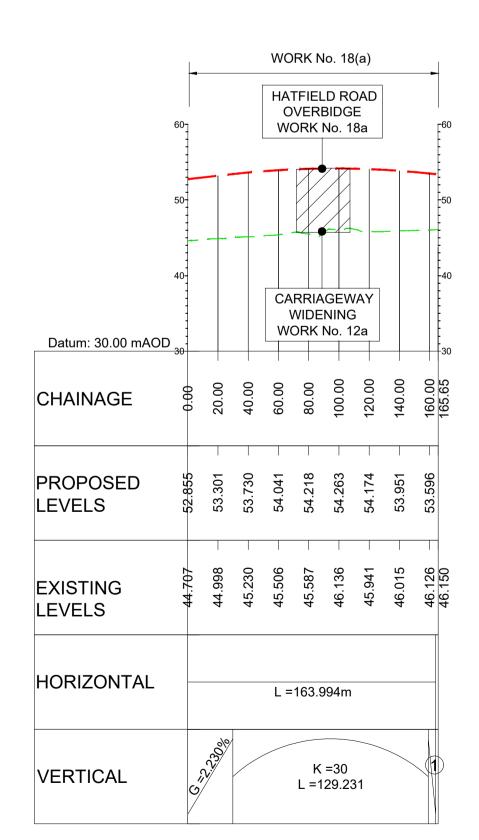
REGULATION 5(2)(o), 5(2)(p) & 6(2) DCO APPLICATION Purpose of issue State Code Drawing status Project Stage PCF3 S4 Scale at A1 (841x594mm) AS SHOWN P01

S1_J21

- LDC -| Type | Role | Number -DR- C -0102



(1) G =-2.005% LONGITUDINAL SECTION **JUNCTION 21** SOUTHERN ROUNDABOUT (SCALE H=1:2500, V =1:500)

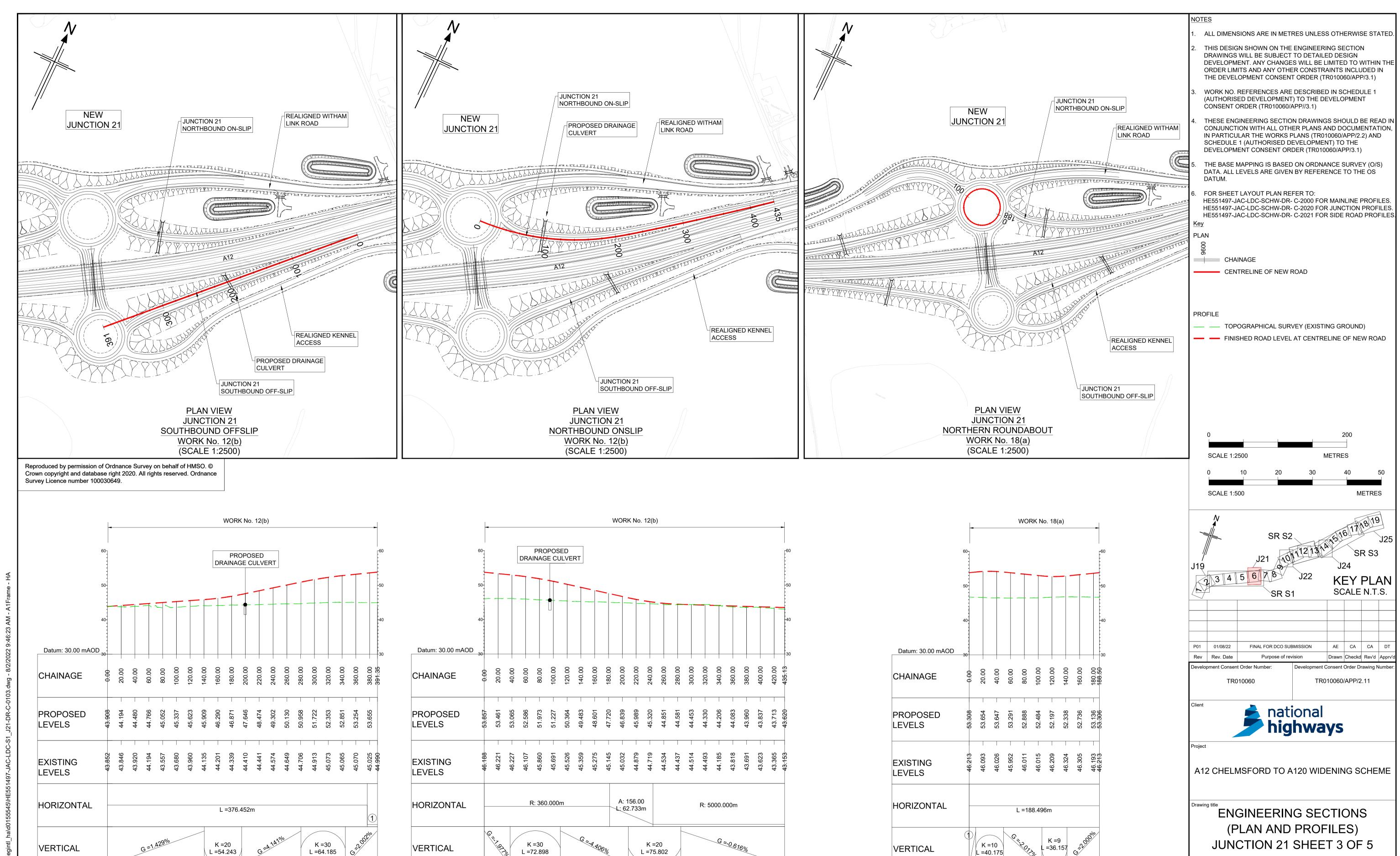


(1) G =-2.078% LONGITUDINAL SECTION **JUNCTION 21** ROUNDABOUT LINK (SCALE H=1:2500, V =1:500)

WORK No. 18(d) Datum: 30.00 mAOD CHAINAGE PROPOSED LEVELS **EXISTING** LEVELS HORIZONTAL R: 133.629m R: 180.000m R: 90.000m R: 180.000m L =178.082m K =10 L =40.418 K =20 L =56.026 VERTICAL L =50.428

1 L =3.703m

LONGITUDINAL SECTION **JUNCTION 21** REALIGNED KENNEL ACCESS (SCALE H=1:2500, V =1:500)



K =20 VERTICAL L =54.243 / 1 R: 1020.000m LONGITUDINAL SECTION **JUNCTION 21** SOUTHBOUND OFFSLIP (SCALE H=1:2500, V =1:500)

LONGITUDINAL SECTION **JUNCTION 21** NORTHBOUND ONSLIP (SCALE H=1:2500, V =1:500)

L =75.802

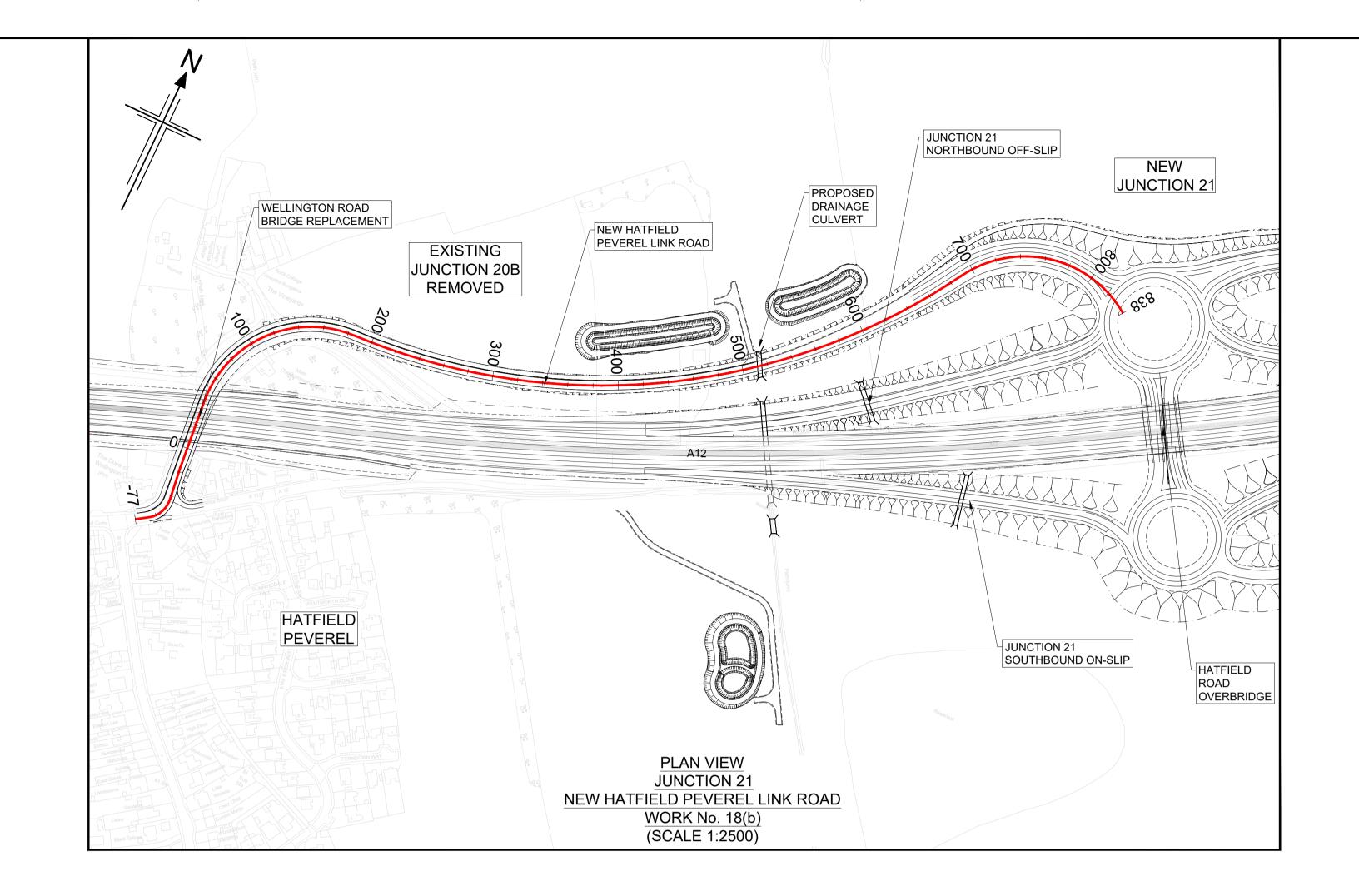
L =72.898

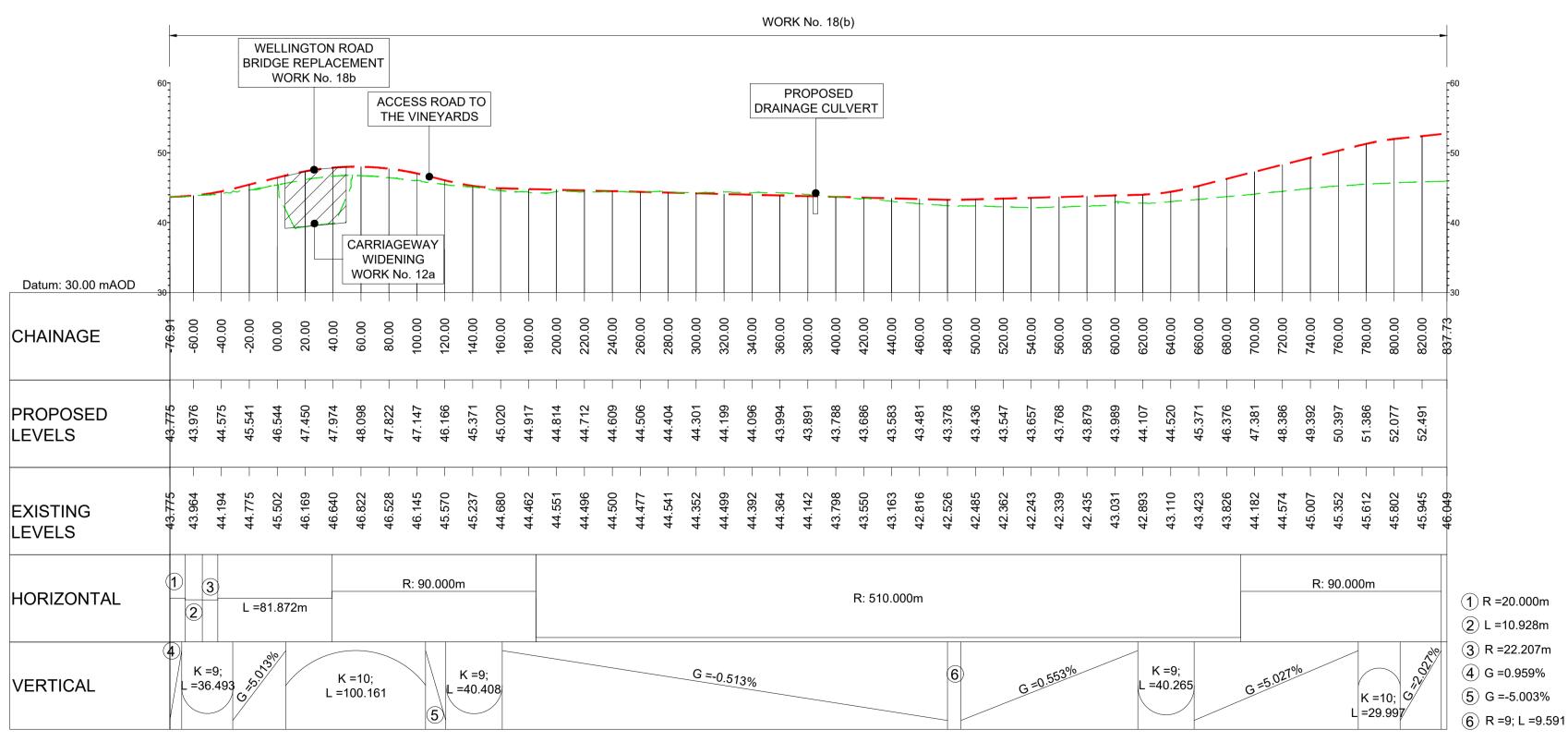
(1) G =2.000% LONGITUDINAL SECTION JUNCTION 21 NORTHERN ROUNDABOUT (SCALE H=1:2500, V =1:500)

L =40.175

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

- LDC -| Type | Role | Number -DR- C -0103 S1_J21





LONGITUDINAL SECTION

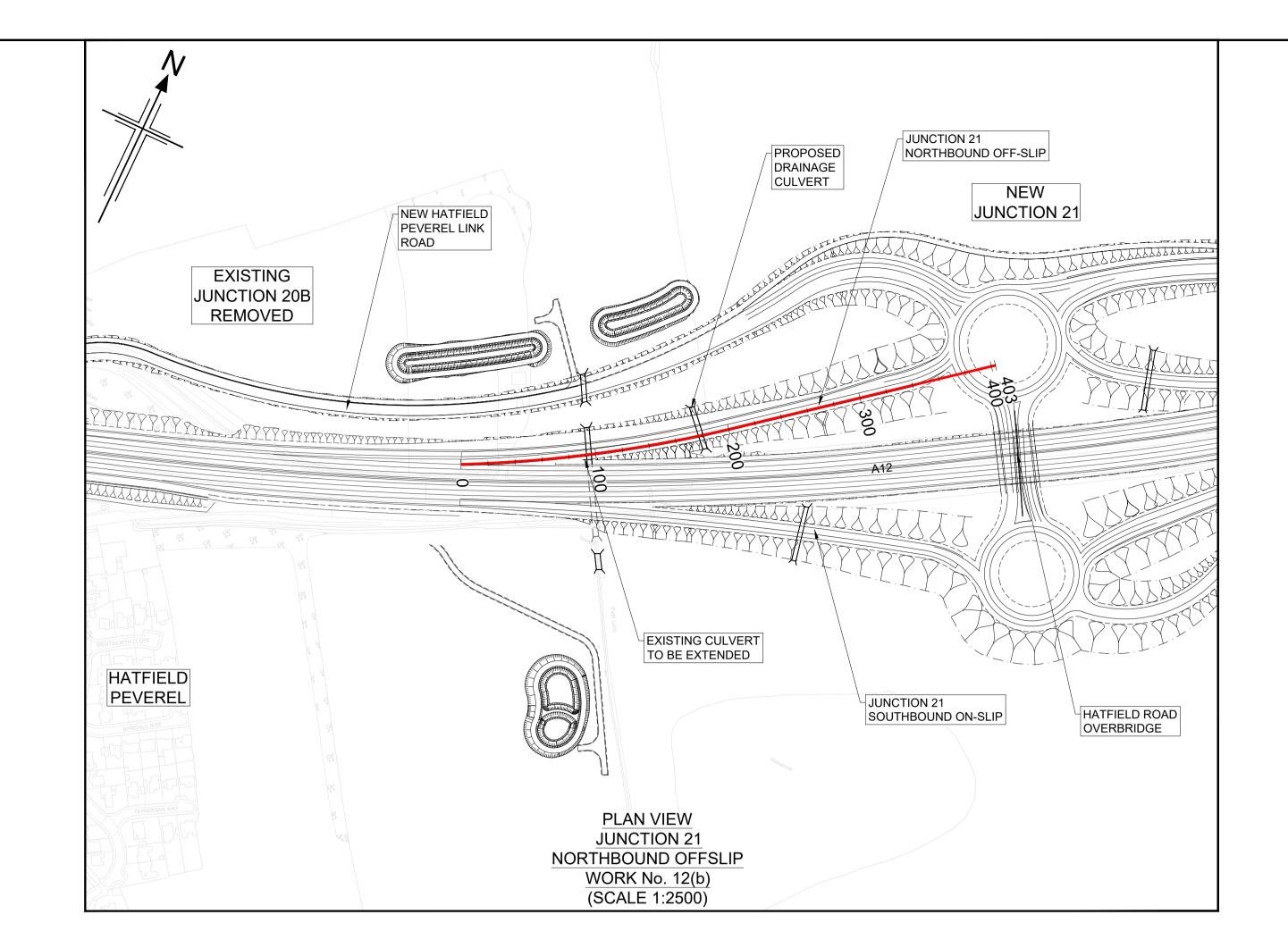
JUNCTION 21

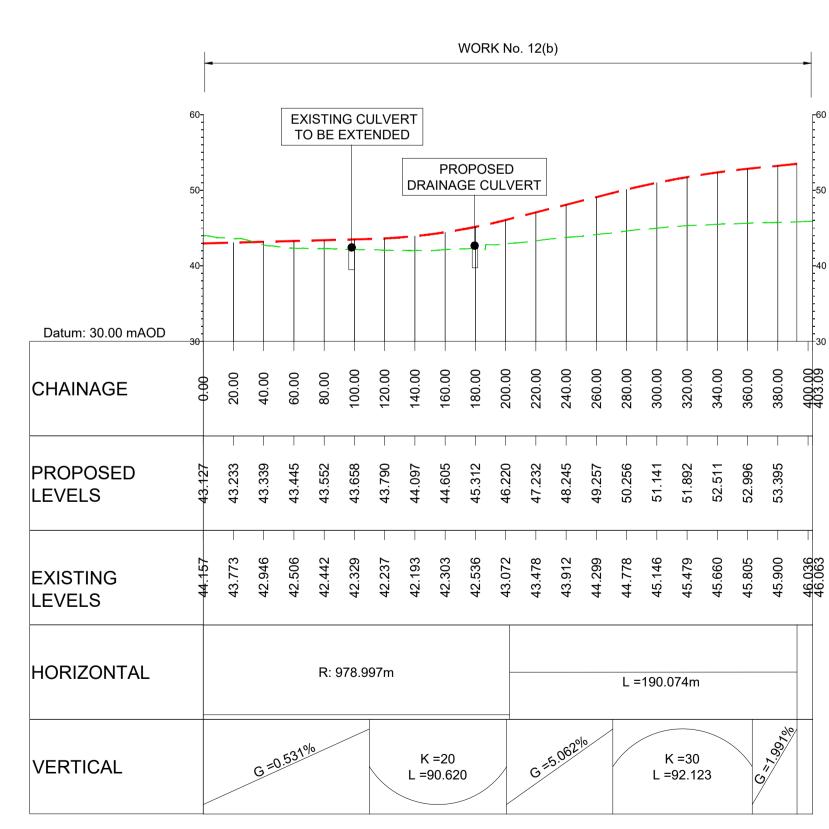
NEW HATFIELD PEVEREL LINK ROAD

(SCALE H=1:2500, V =1:500)

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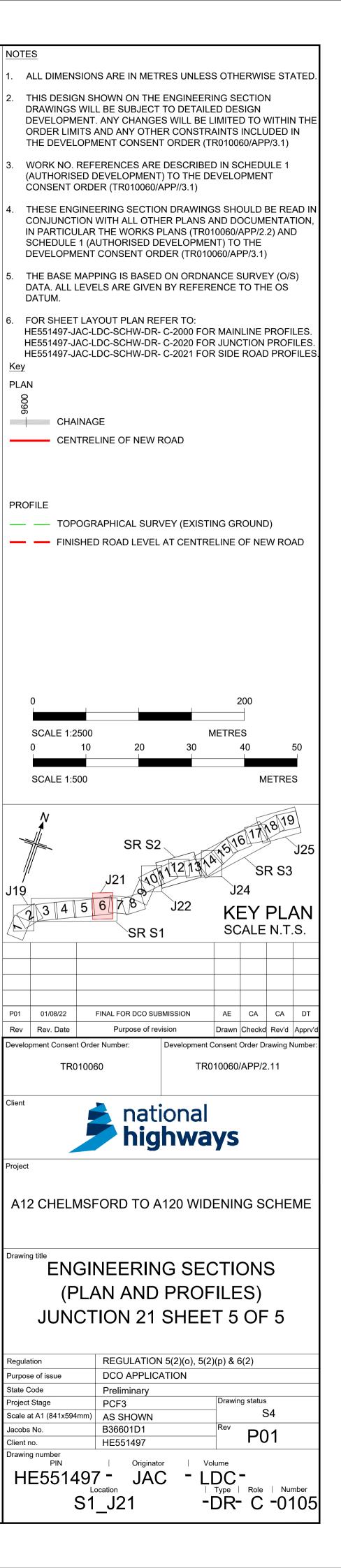
NOTES ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED. THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION, IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM. 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. CHAINAGE CENTRELINE OF NEW ROAD PROFILE TOPOGRAPHICAL SURVEY (EXISTING GROUND) FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD SCALE 1:2500 **METRES** SCALE 1:500 **KEY PLAN** SCALE N.T.S. P01 01/08/22 FINAL FOR DCO SUBMISSION AE CA CA Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Appr Development Consent Order Number: Development Consent Order Drawing Numb TR010060/APP/2.11 TR010060 national highways A12 CHELMSFORD TO A120 WIDENING SCHEME **ENGINEERING SECTIONS** (PLAN AND PROFILES) JUNCTION 21 SHEET 4 OF 5 REGULATION 5(2)(o), 5(2)(p) & 6(2) Regulation DCO APPLICATION Purpose of issue State Code Drawing status Project Stage PCF3 S4 Scale at A1 (841x594mm) AS SHOWN B36601D1 P01 HE551497 Client no. - LDC -| Type | Role | Number -DR- C -0104 S1_J21

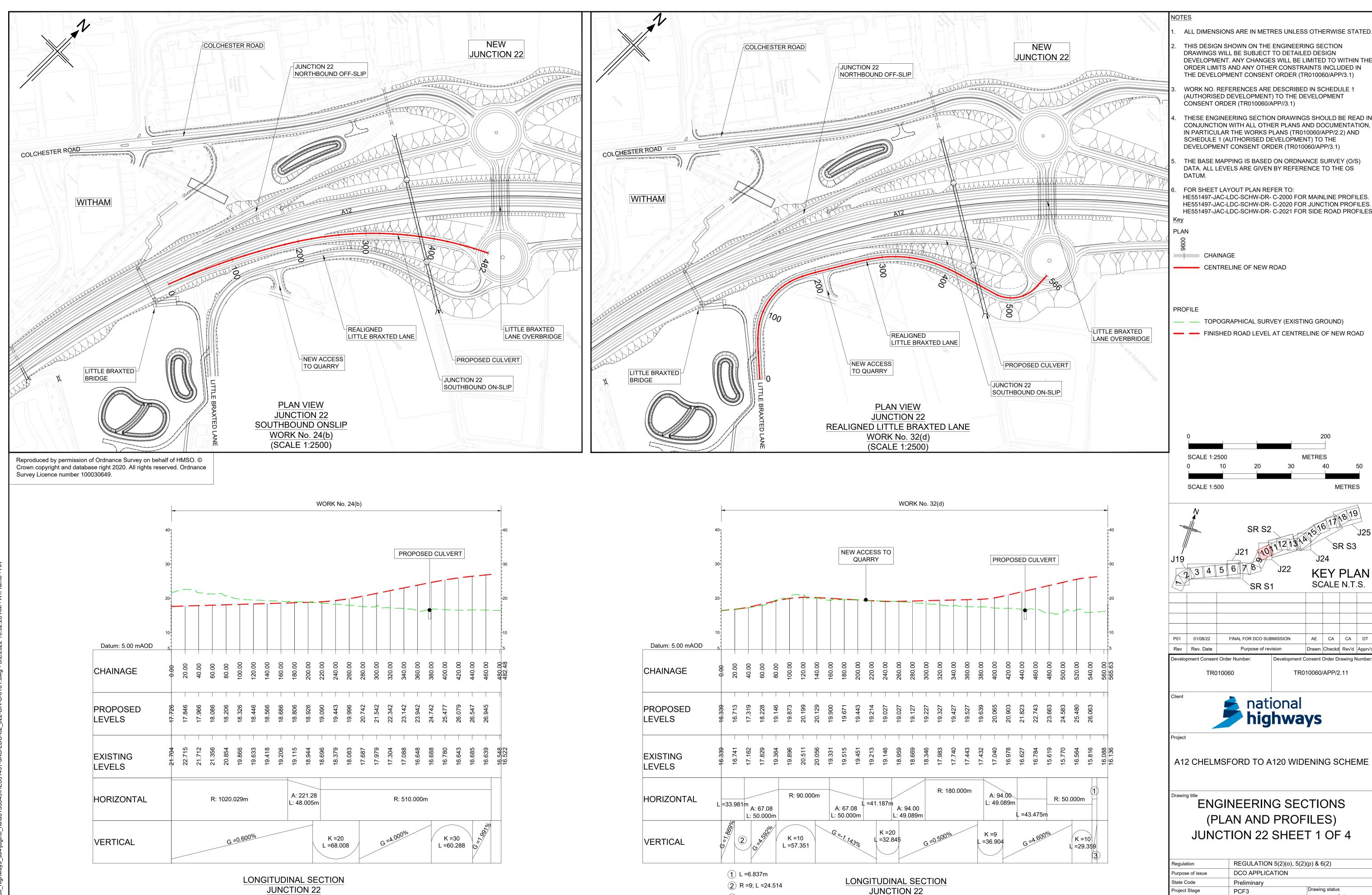




LONGITUDINAL SECTION
JUNCTION 21 - NORTHBOUND OFFSLIP
(SCALE H=1:2500, V =1:500)

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(3) G =1.664%

REALIGNED LITTLE BRAXTED LANE

(SCALE H=1:2500, V =1:500)

S4

P01

- LDC -| Type | Role | Number -DR- C -0101

Scale at A1 (841x594mm) AS SHOWN

Client no.

B36601D1

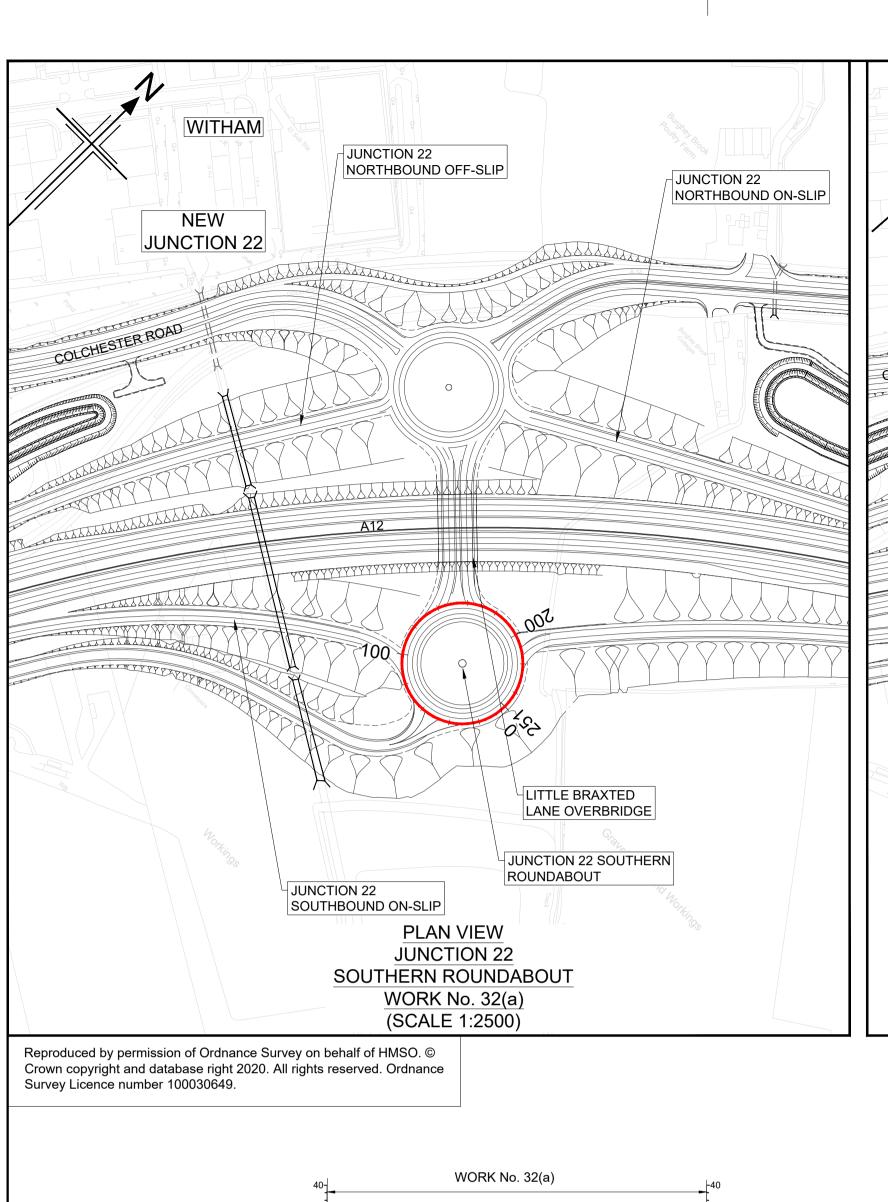
HE551497

S2_J22

C. Inwandring Section of Paydous Seal Section of Sectio

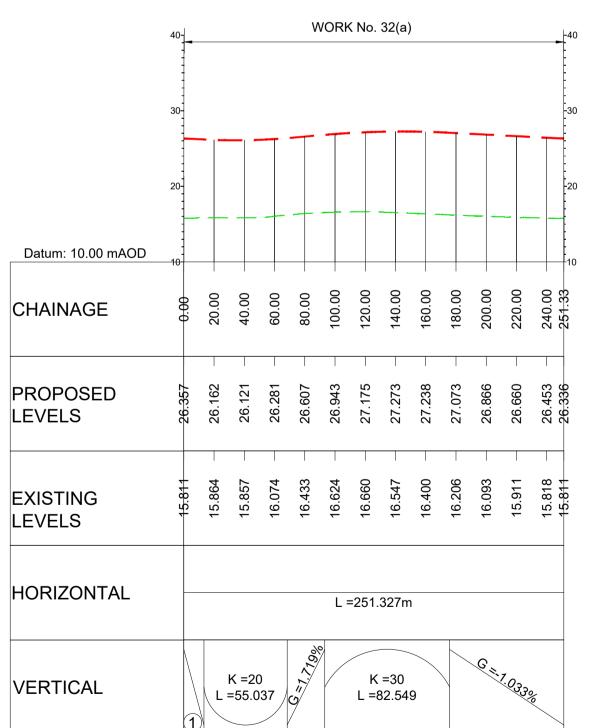
SOUTHBOUND ONSLIP

(SCALE H=1:2500, V =1:500)



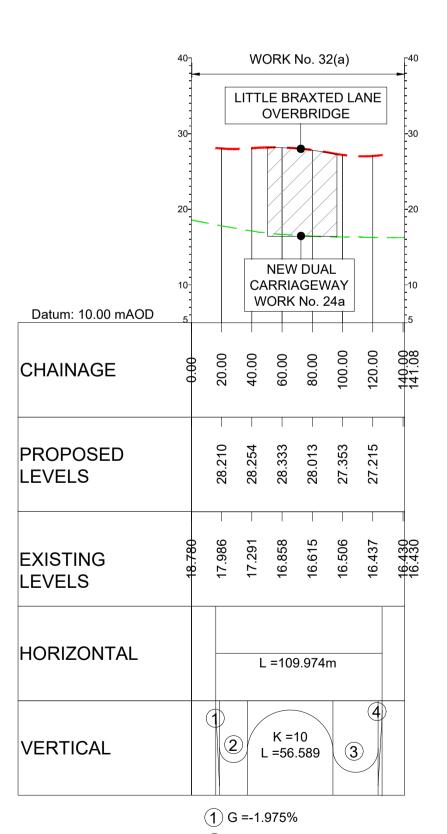
WITHAM LITTLE BRAXTED LANE OVERBRIDGE JUNCTION 22 NORTHBOUND OFF-SLIP JUNCTION 22 NORTHBOUND ON-SLIP NEW JUNCTION 22 TYPERE COLCHESTER ROAD JUNCTION 22 SOUTHBOUND OFF-SLIP JUNCTION 22 SOUTHBOUND ON-SLIP REALIGNED LITTLE BRAXTED LANE **PLAN VIEW JUNCTION 22** ROUNDABOUT LINK WORK No. 32(a) (SCALE 1:2500)

JUNCTION 22 NORTHERN JUNCTION 22 ROUNDABOUT LINK TO NORTHBOUND ON-SLIP DE-TRUNKED A12 EASTERN CONNECTION EXISTING A12 DE-TRUNKED A12 EASTERN CONNECTION LITTLE BRAXTED LANE OVERBRIDGE JUNCTION 22 SOUTHBOUND OFF-SLIP PROPOSED CULVERT NEW **JUNCTION 22** PLAN VIEW **JUNCTION 22** SOUTHBOUND OFFSLIP WORK No. 24(b) (SCALE 1:2500)

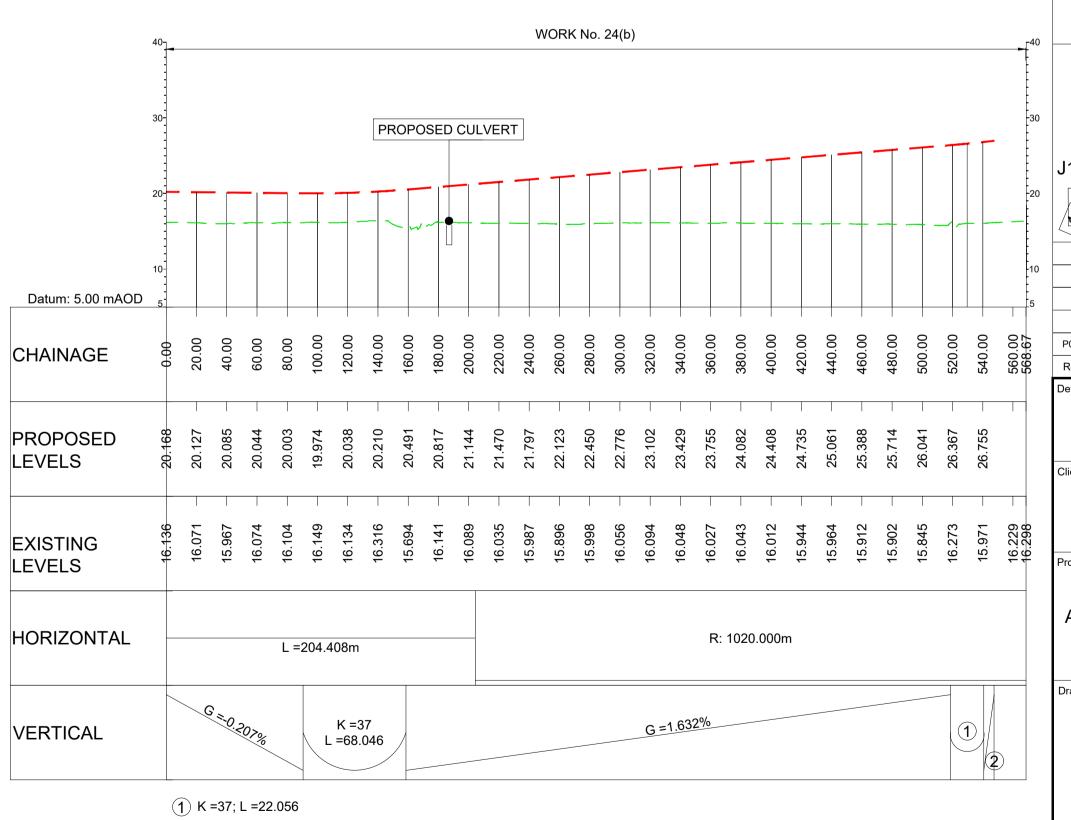


LONGITUDINAL SECTION **JUNCTION 22** SOUTHERN ROUNDABOUT (SCALE H=1:2500, V =1:500)

(1) G =-1.033%



(2) K =5; L =18.343 (3) K =5; L =29.904 (4) G =2.015% LONGITUDINAL SECTION **JUNCTION 22** ROUNDABOUT LINK (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION **JUNCTION 22** SOUTHBOUND OFFSLIP (SCALE H=1:2500, V =1:500)

(2) G =2.228%

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1)

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION. IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM.

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 **PLAN**

CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

METRES SCALE 1:2500 30 40 50 SCALE 1:500

KEY PLAN SCALE N.T.S.

P01 01/08/22 AE CA CA Rev Rev. Date Drawn Checkd Rev'd App evelopment Consent Order Number: Development Consent Order Drawing Numb TR010060/APP/2.11

national highways

TR010060

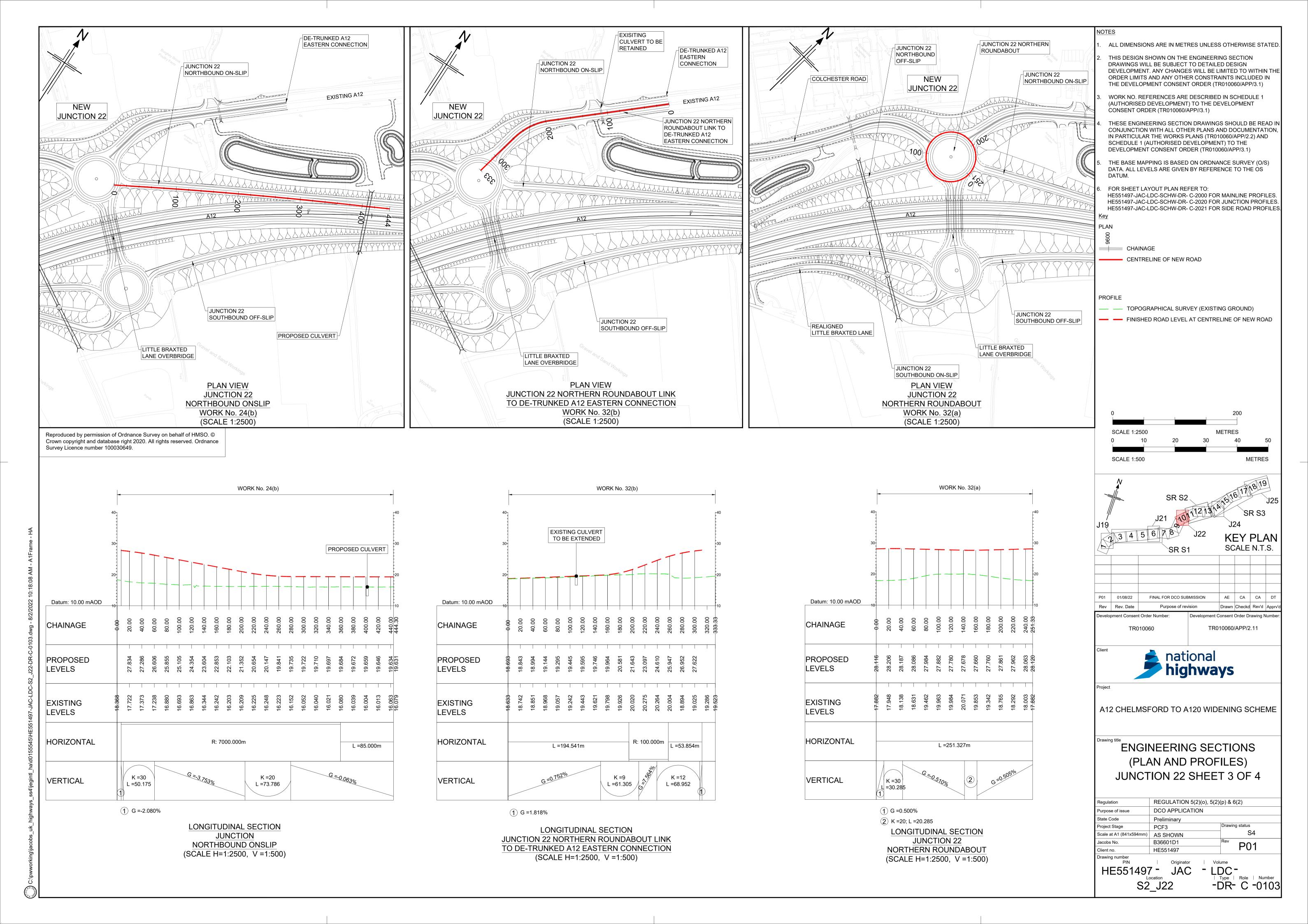
A12 CHELMSFORD TO A120 WIDENING SCHEME

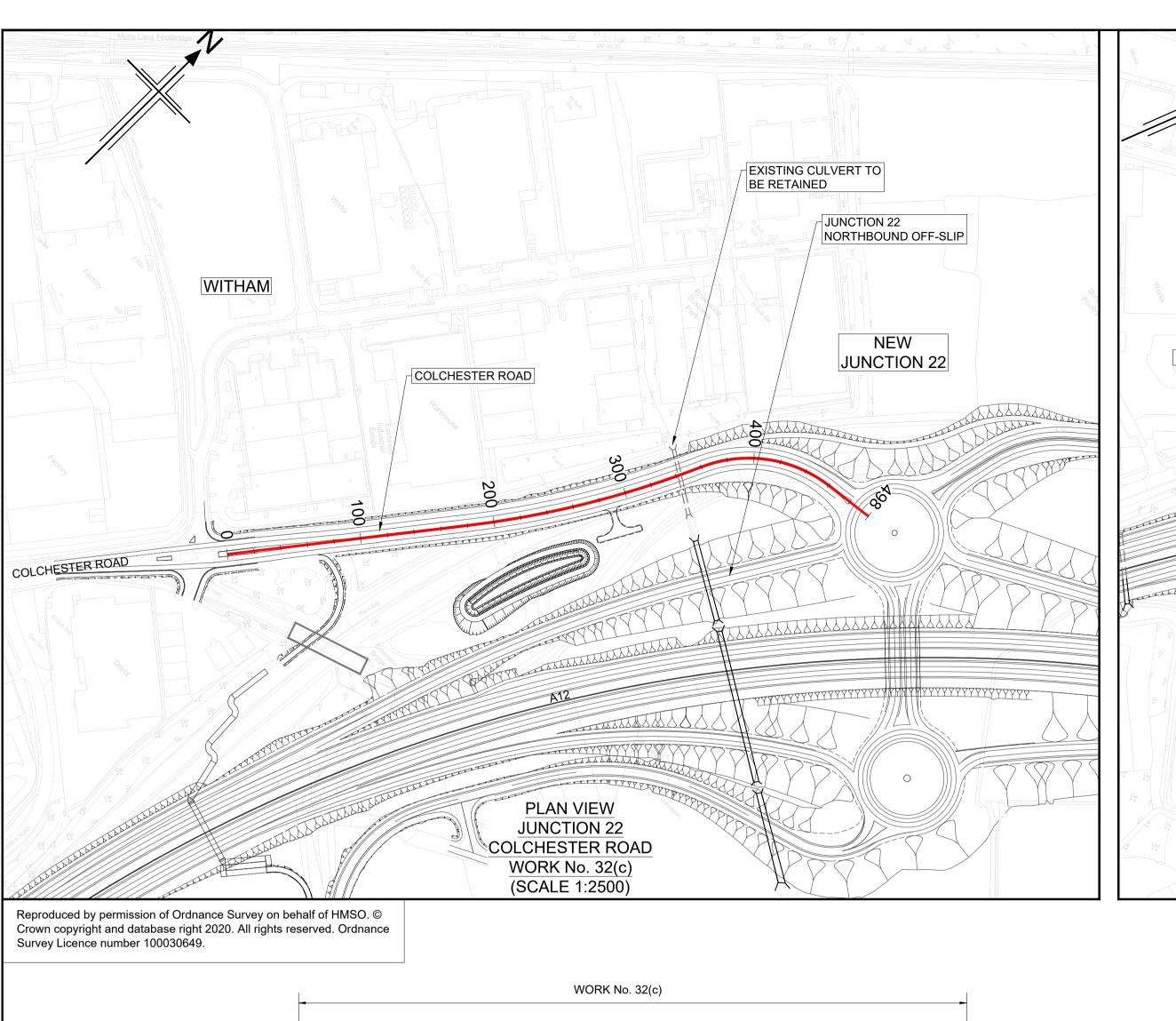
ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 22 SHEET 2 OF 4

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

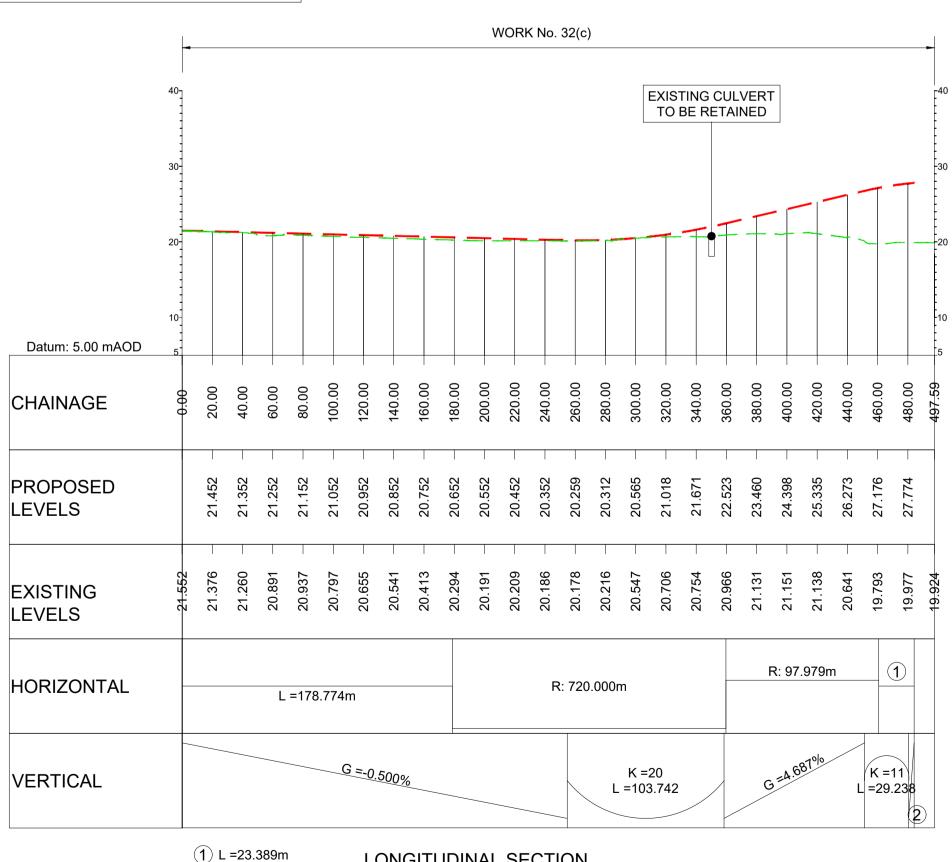
S2_J22

- LDC -| Type | Role | Number -DR- C -0102





WITHAM COLCHESTER ROAD COLCHESTER ROAD JUNCTION 22 PROPOSED CULVERT NORTHBOUND OFF-SLIP NEW **JUNCTION 22** LITTLE BRAXTED BRIDGE REALIGNED LITTLE BRAXTED LANE **JUNCTION 22** SOUTHBOUND ON-SLIP PLAN VIEW **JUNCTION 22** NORTHBOUND OFFSLIP WORK No. 24(b) (SCALE 1:2500)



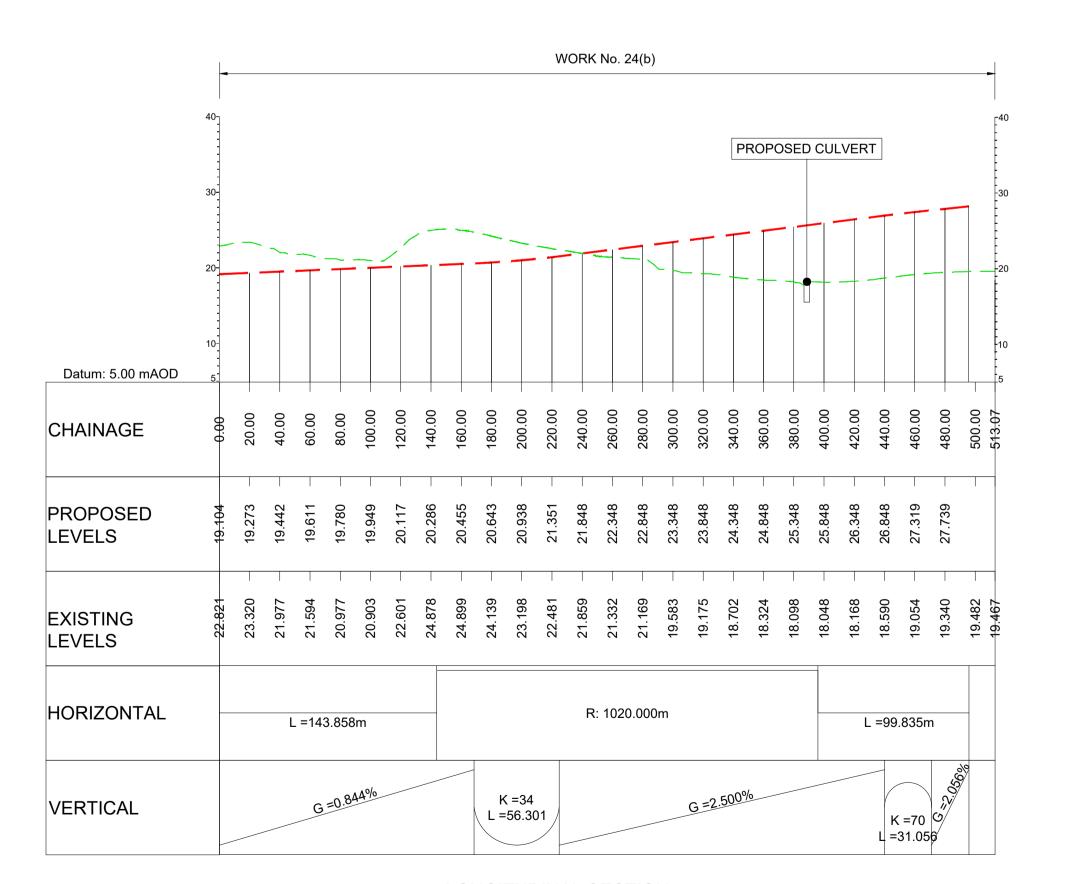
LONGITUDINAL SECTION

JUNCTION 22

COLCHESTER ROAD

(SCALE H=1:2500, V =1:500)

(2) G =2.029%



LONGITUDINAL SECTION **JUNCTION 22** NORTHBOUND OFFSLIP (SCALE H=1:2500, V =1:500) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1)

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THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM.

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

CHAINAGE

CENTRELINE OF NEW ROAD

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

SCALE 1:2500 **METRES** 40 SCALE 1:500

KEY PLAN SCALE N.T.S. SR S1 P01 01/08/22 FINAL FOR DCO SUBMISSION AE CA CA Rev Rev. Date Drawn Checkd Rev'd App Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060

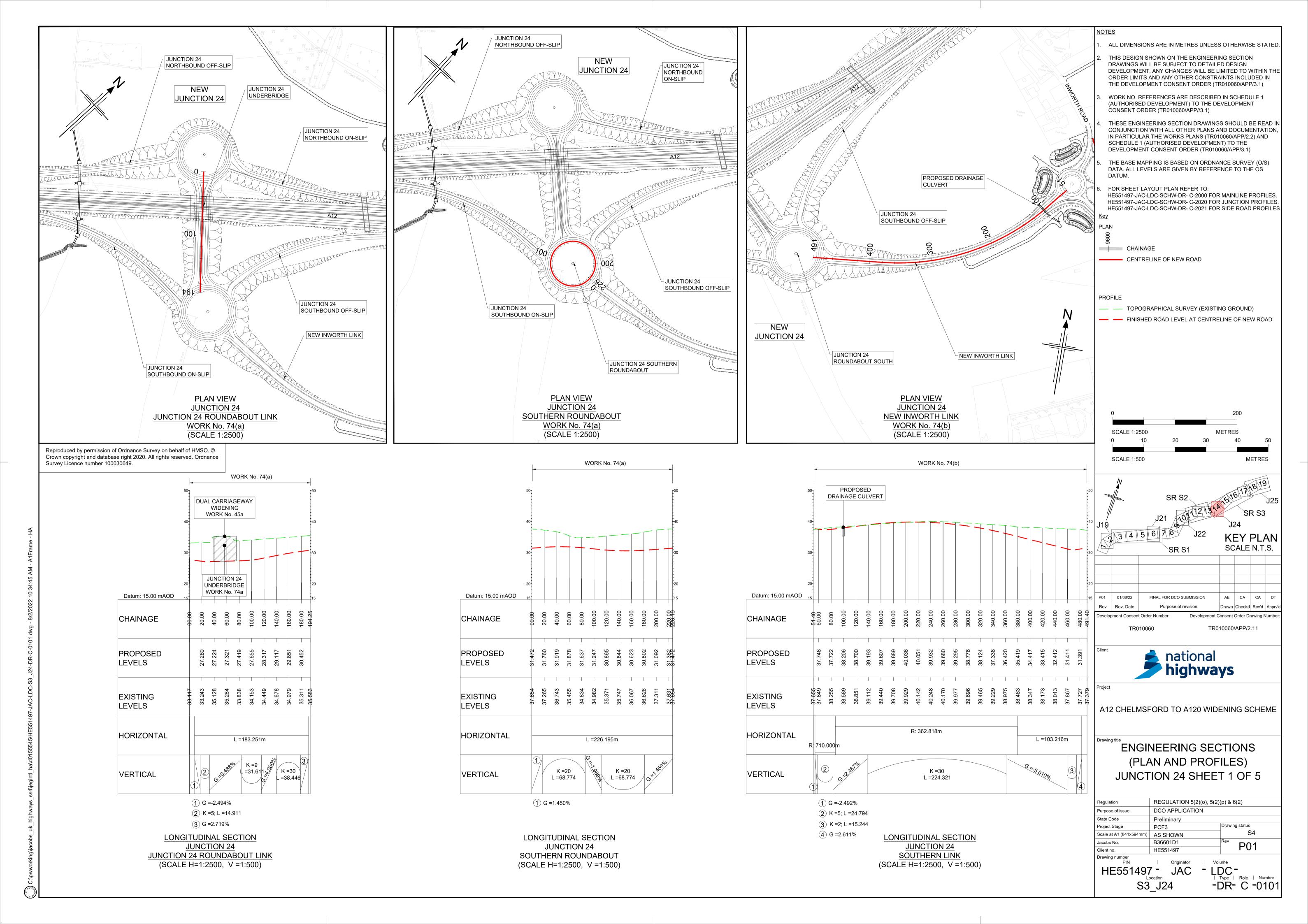


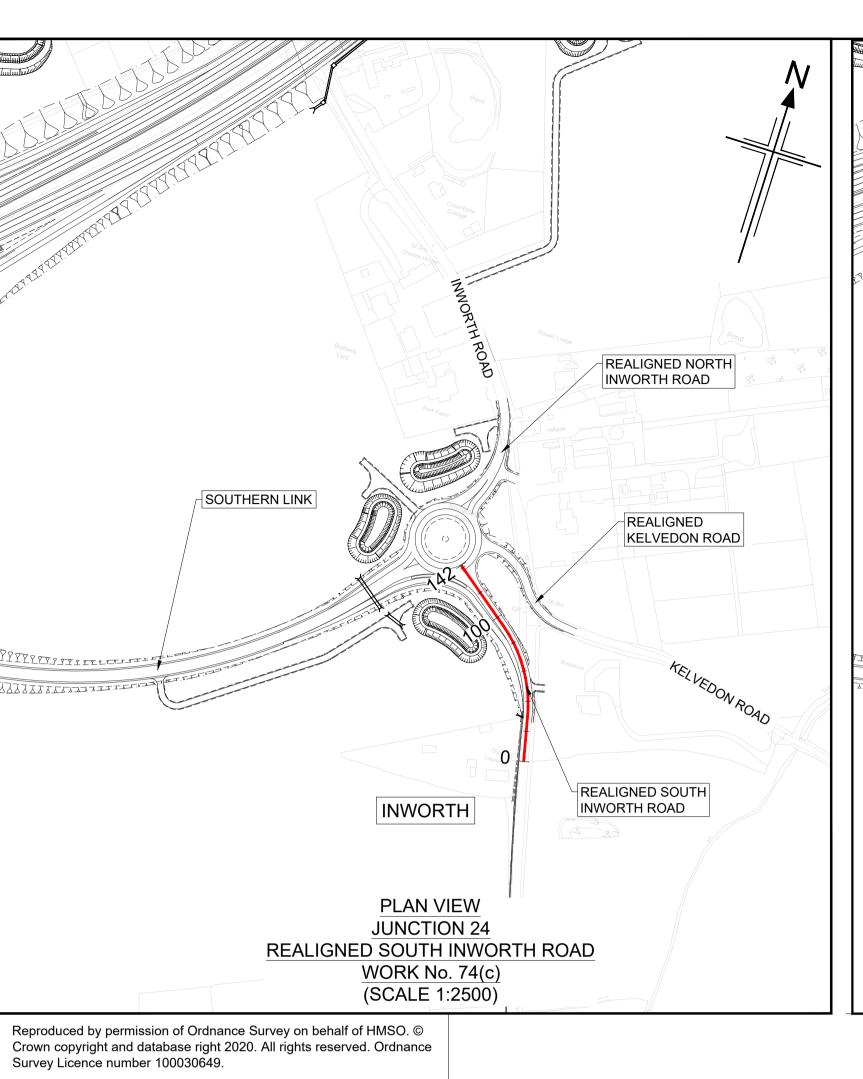
A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 22 SHEET 4 OF 4

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 P01
Client no.	HE551497	PUI

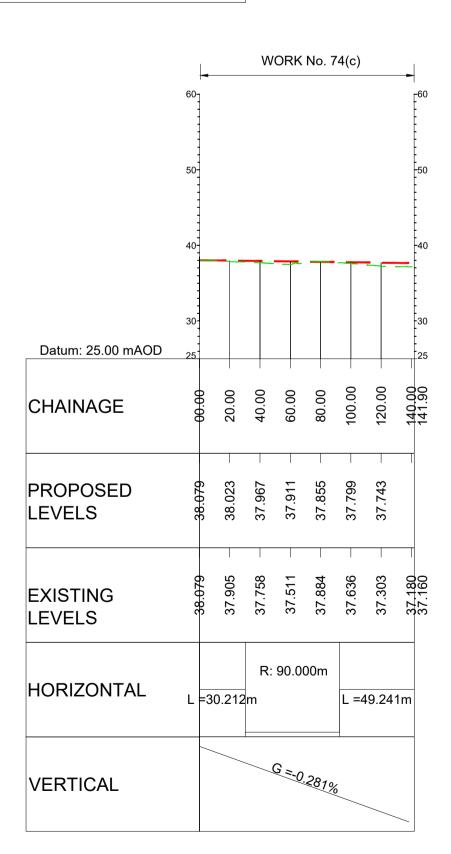
HE551497 - JAC - LDC - | Type | Role | Number - DR - C - 0104



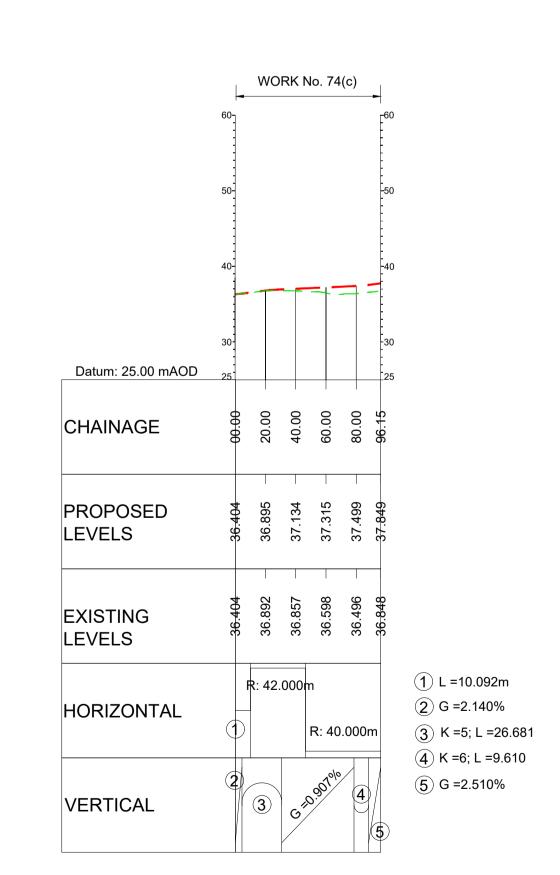


REALIGNED NORTH INWORTH ROAD SOUTHERN LINK REALIGNED KELVEDON ROAD REALIGNED SOUTH INWORTH ROAD INWORTH PLAN VIEW **JUNCTION 24** REALIGNED KELVEDON ROAD WORK No. 74(c) (SCALE 1:2500)

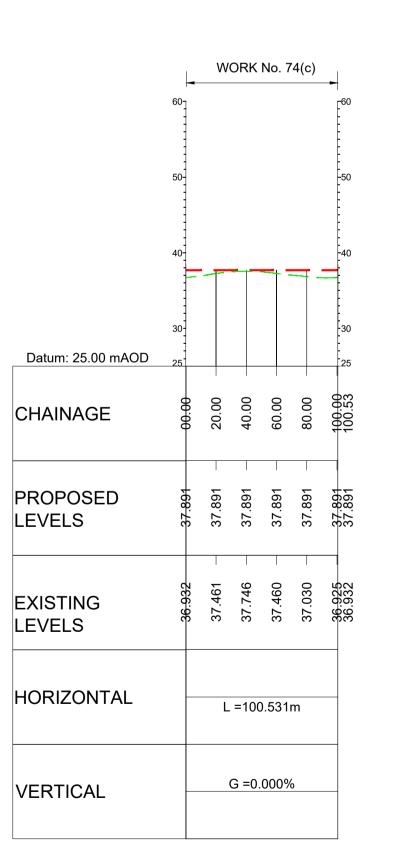
REALIGNED NORTH INWORTH ROAD INWORTH ROUNDABOUT REALIGNED KELVEDON ROAD SOUTHERN LINK 141777777777 REALIGNED SOUTH INWORTH ROAD **INWORTH** PLAN VIEW **JUNCTION 24** INWORTH ROUNDABOUT WORK No. 74(c) (SCALE 1:2500)



LONGITUDINAL SECTION **JUNCTION 24** REALIGNED SOUTH INWORTH ROAD (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION **JUNCTION 24** REALIGNED KELVEDON ROAD (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION **JUNCTION 24** INWORTH ROUNDABOUT (SCALE H=1:2500, V =1:500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION

DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1)

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION. IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS

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

CHAINAGE

SCALE 1:500

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

CENTRELINE OF NEW ROAD

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

METRES SCALE 1:2500

KEY PLAN SCALE N.T.S. FINAL FOR DCO SUBMISSION Rev Rev. Date Drawn Checkd Rev'd App Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060

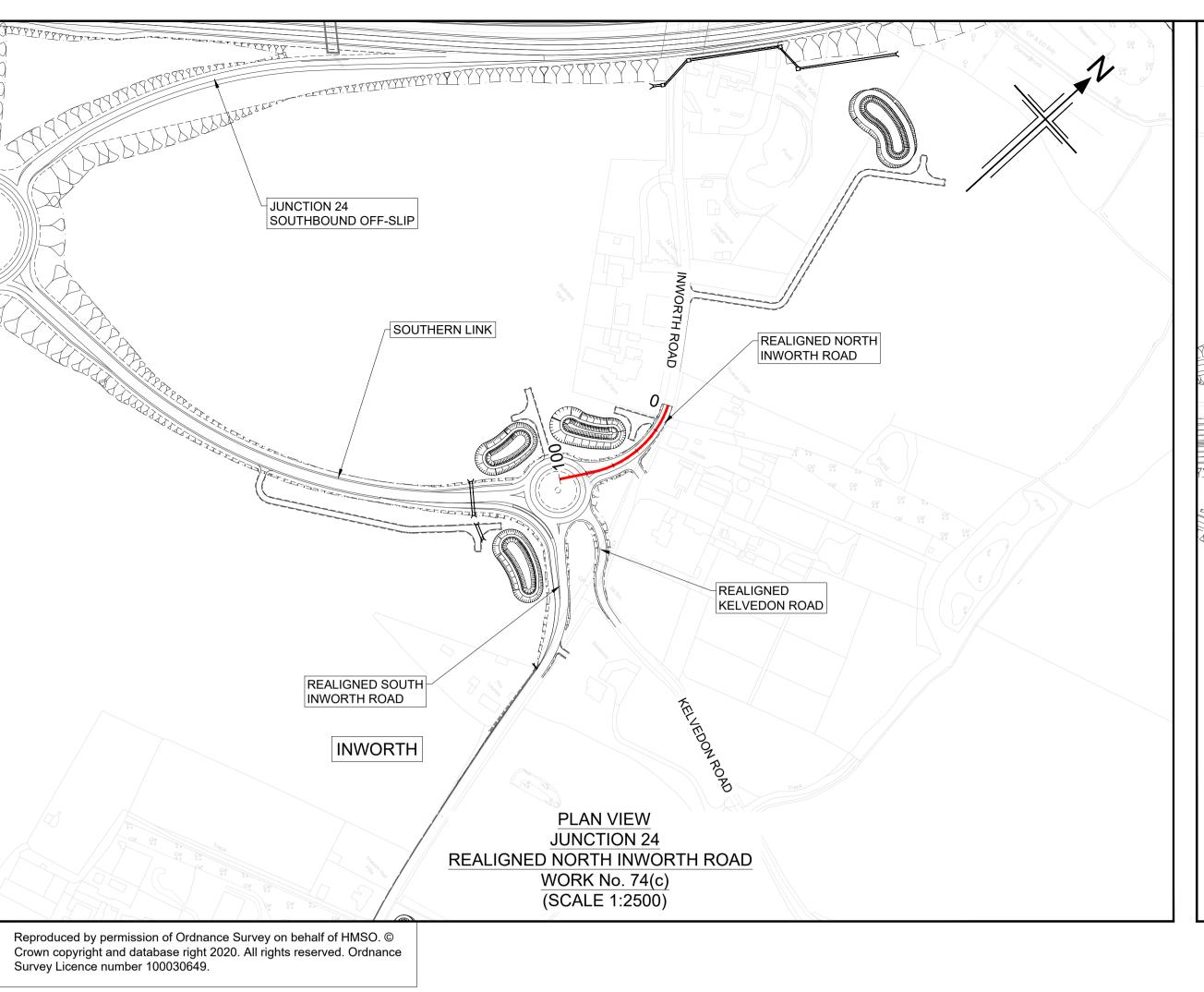


A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 24 SHEET 2 OF 5

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	P01
Client no.	HE551497	PUI
Drawing number		·

HE551497 JAC - LDC -| Type | Role | Number -DR- C -0102 S3_J24

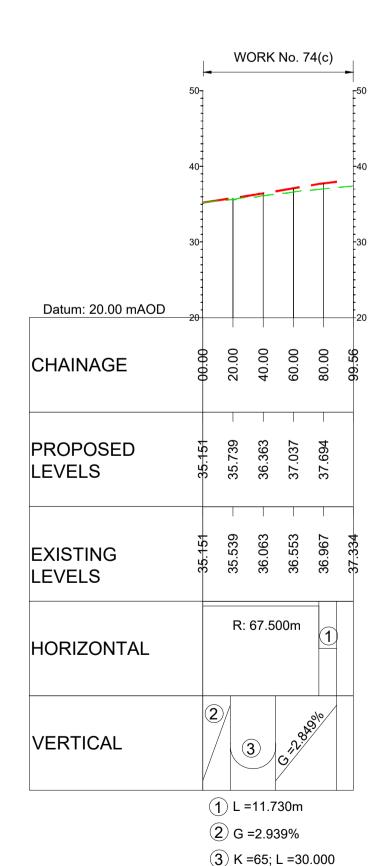


JUNCTION 24
NORTHSOUND ON-SLIP
ROPORTH SUBSYAY
(TO BE DECOMMISSIONED)

A

JUNCTION 24
SOUTHBOUND OFF-SLIP

PLAN VIEW
JUNCTION 24
SOUTHBOUND OFF-SLIP
WORK No. 45(b)
(SCALE 12500)

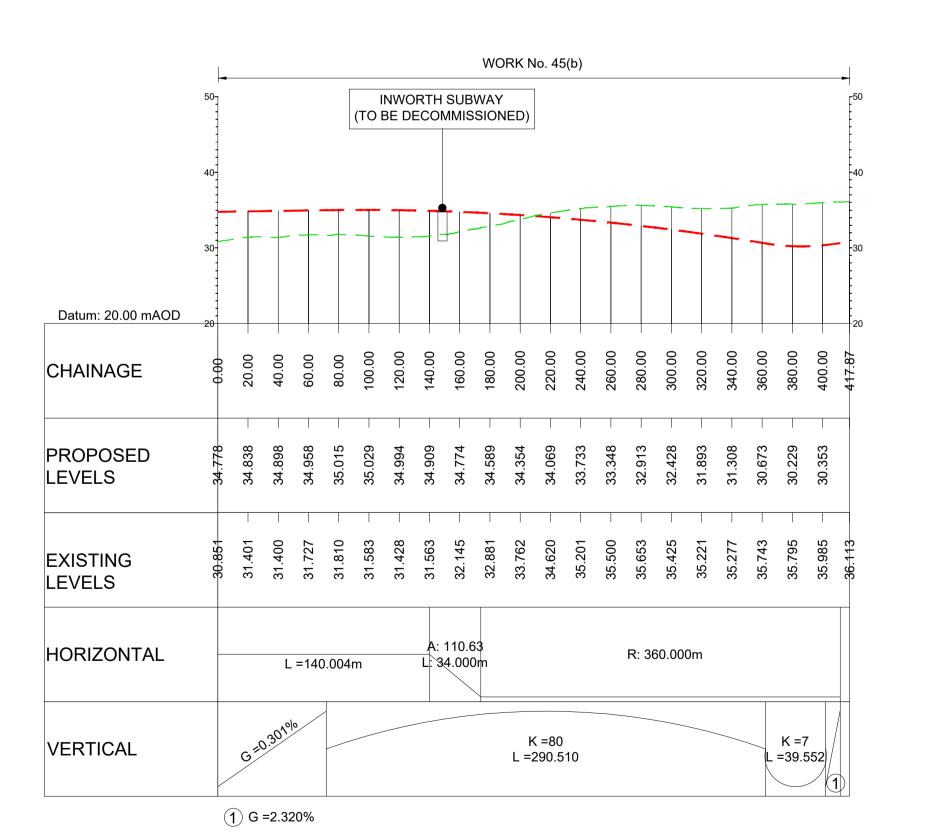


LONGITUDINAL SECTION

JUNCTION 24

REALIGNED NORTH INWORTH ROAD

(SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION

JUNCTION 24

SOUTHBOUND OFFSLIP

(SCALE H=1:2500, V =1:500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

2. THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

3. WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1)

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION, IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM

DATUM.

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.

PLAN 0096

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

SR S2

J25

SR S3

J24

KEY PLAN

SCALE N.T.S.

P01 01/08/22 FINAL FOR DCO SUBMISSION AE CA CA DT

Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Approv

national highways

.

Development Consent Order Number:

SCALE 1:500

A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS
(PLAN AND PROFILES)
JUNCTION 24 SHEET 3 OF 5

 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

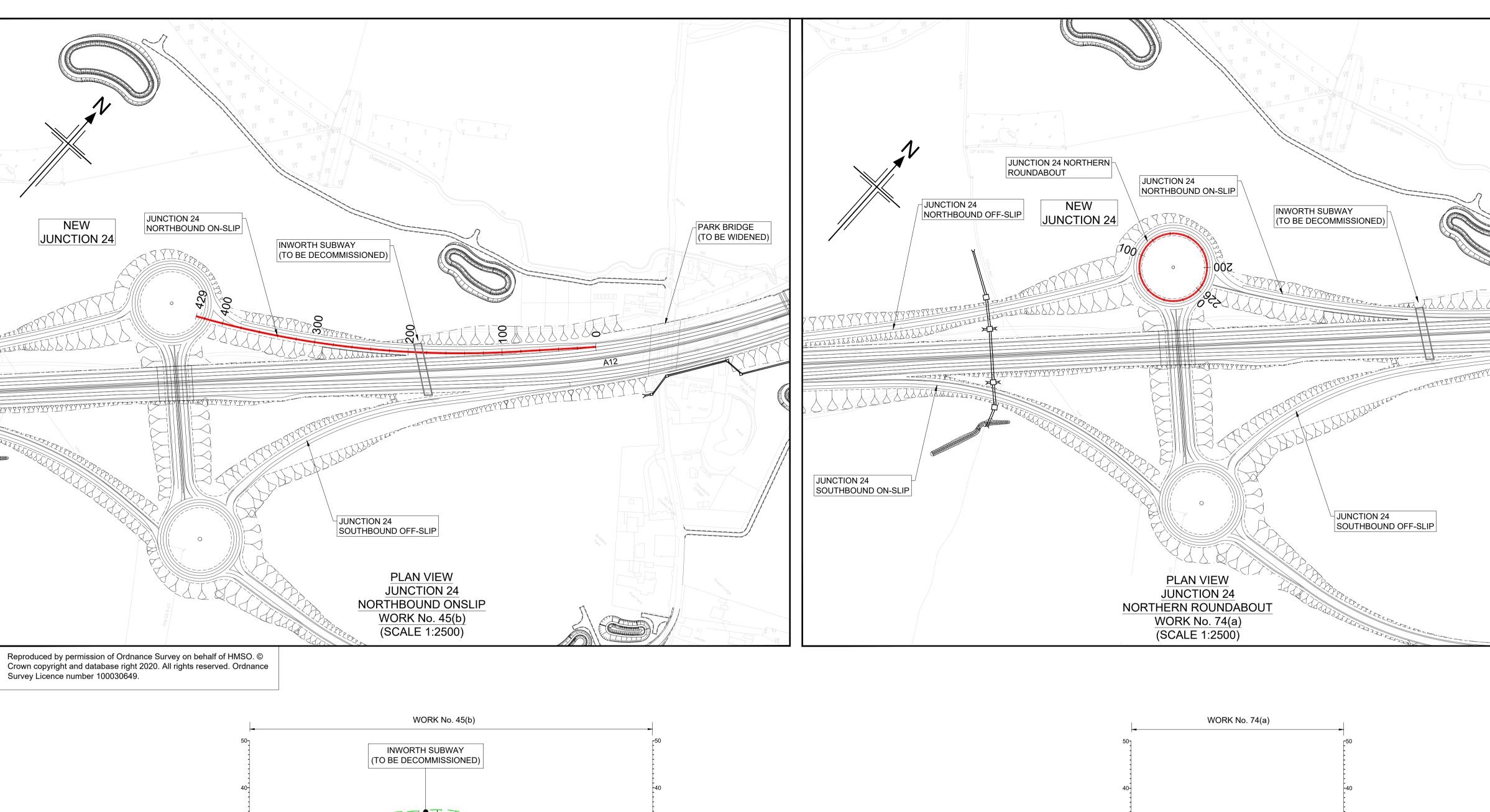
 Jacobs No.
 B36601D1

 Client no.
 HE551497

E551497 - JA S3_J24 - LDC -| Type | Role | Number -DR- C -0103

Development Consent Order Drawing Number

thways_ss4\jeqint|_ha\d0155545\HE551497-JAC-LDC-



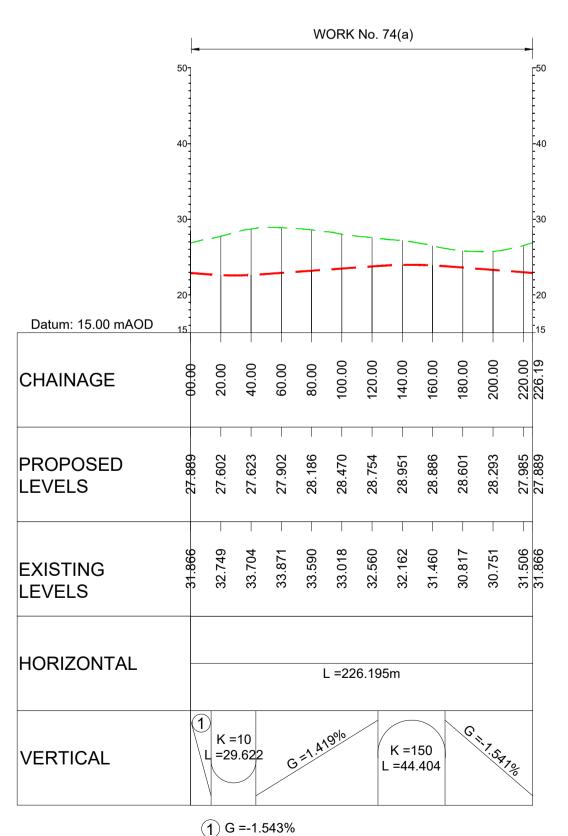
Datum: 15.00 mAOD CHAINAGE PROPOSED LEVELS **EXISTING** LEVELS HORIZONTAL R: 1020.000m L =85.000m K = 20 (%) (2) (2) K =80 K =32 /L =30.578 VERTICAL L =166.461 (1) G =1.219% 2 K =4; L =16.501 LONGITUDINAL SECTION

JUNCTION 24

NORTHBOUND ONSLIP

(SCALE H=1:2500, V =1:500)

(3) G =2.225%



LONGITUDINAL SECTION

JUNCTION 24

NORTHERN ROUNDABOUT
(SCALE H=1:2500, V =1:500)

TES

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

THIS DESIGN SHOWN ON THE ENGINEERING SECTION
DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN
DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THE
ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN
THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1
(AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT
CONSENT ORDER (TR010060/APP//3.1)

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN
CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION.

DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)
 THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM.

SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE

IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND

6. 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

CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

— FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

— TOPOGRAPHICAL SURVEY (EXISTING GROUND)

0 200

SCALE 1:2500 METRES
0 10 20 30 40 50

SCALE 1:500 METRES

SR S2

J25

SR S3

J24

KEY PLAN

SCALE N.T.S.

P01 01/08/22 FINAL FOR DCO SUBMISSION AE CA CA DT

Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Approved Development Consent Order Number:

TR010060 TR010060/APP/2.11



Project

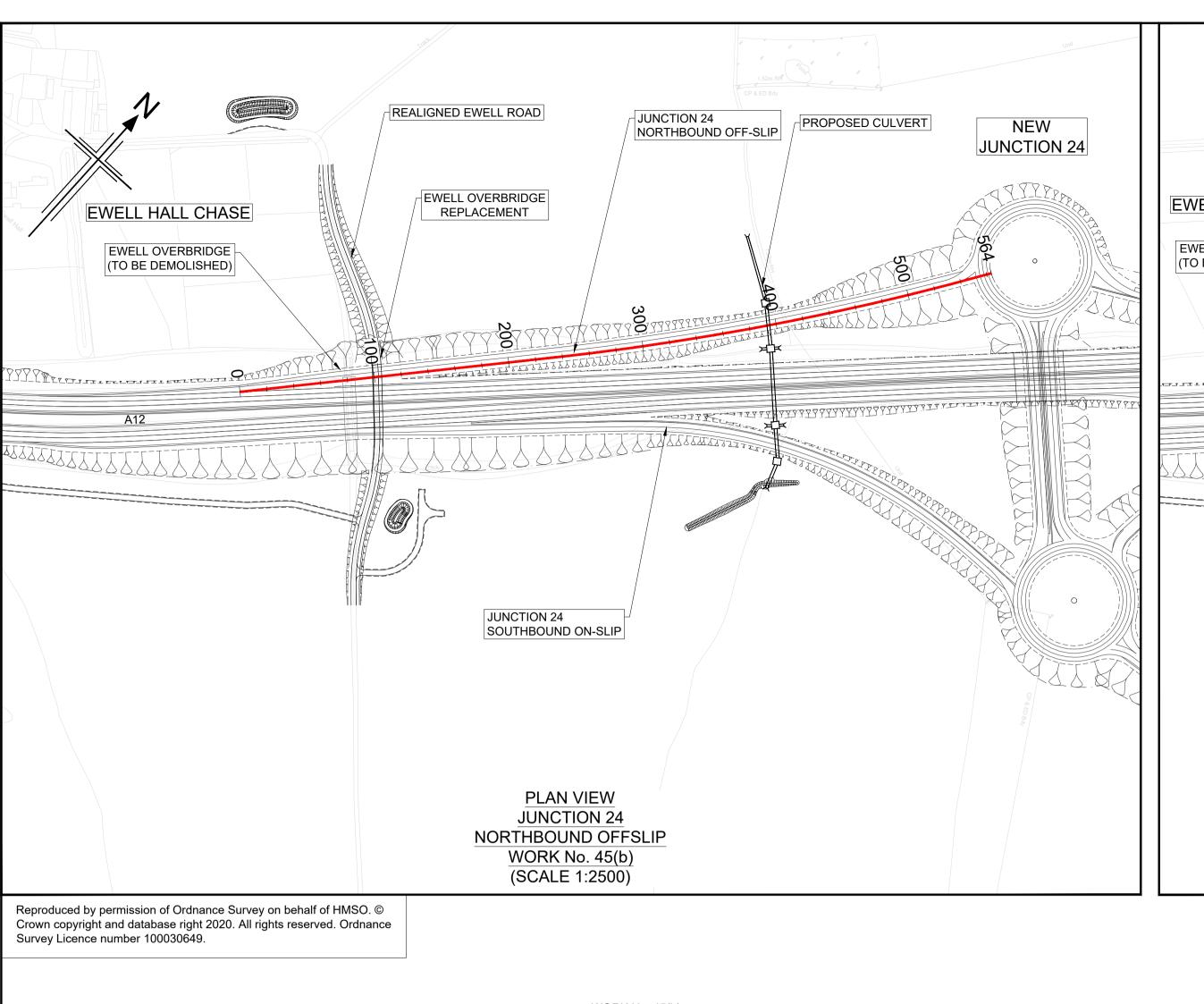
A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS
(PLAN AND PROFILES)
JUNCTION 24 SHEET 4 OF 5

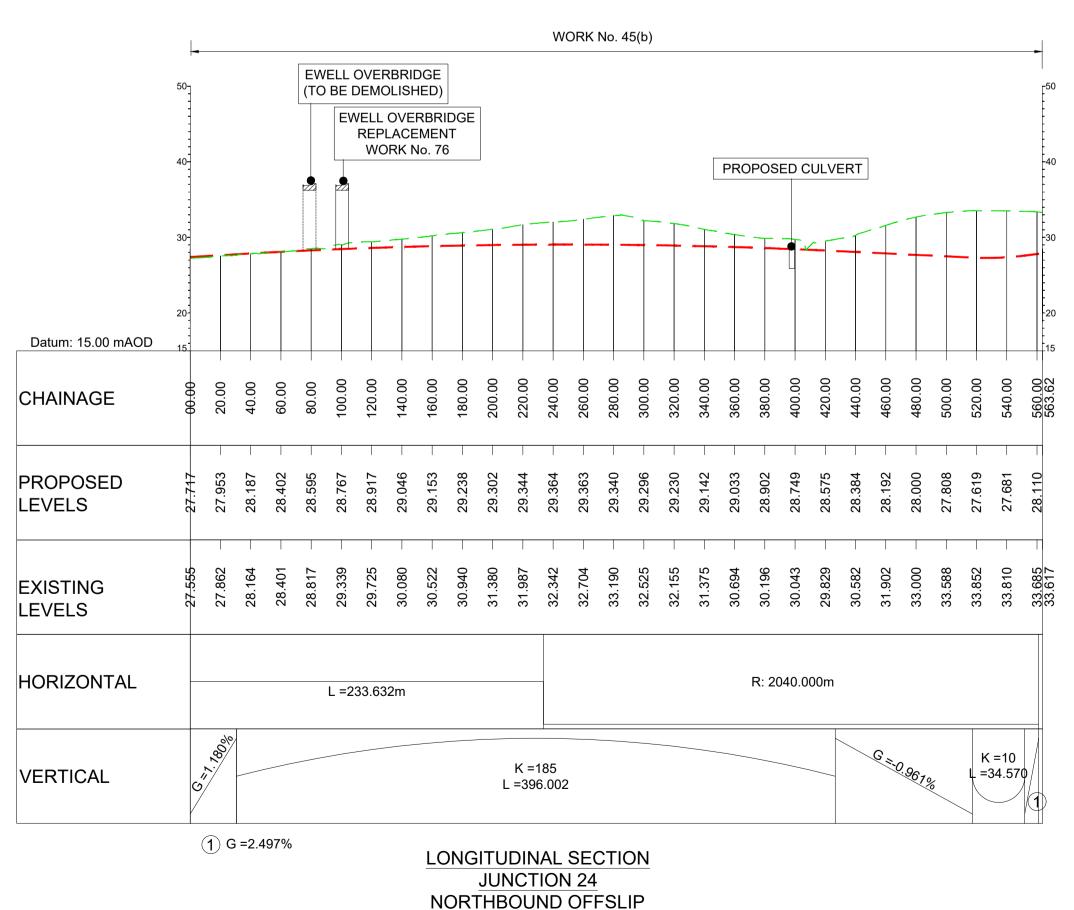
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3	Drawing status
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev P01
Client no.	HE551497	PUI

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

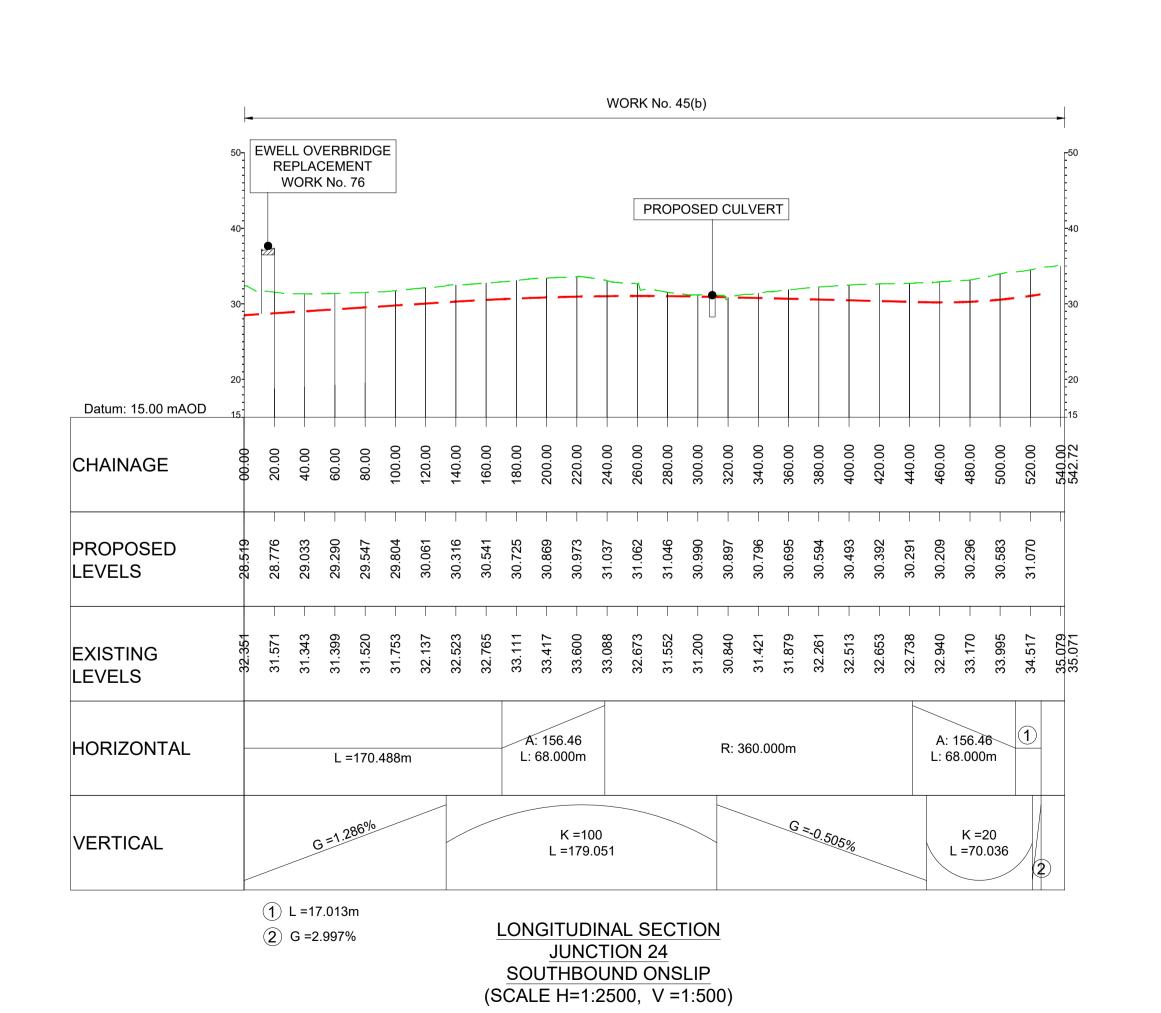
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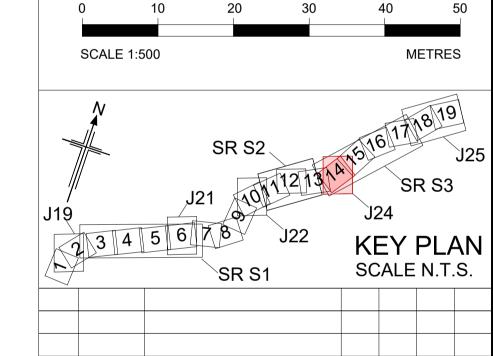
REALIGNED EWELL ROAD NEW **JUNCTION 24** JUNCTION 24 EWELL OVERBRIDGE **EWELL HALL CHASE** NORTHBOUND OFF-SLIP REPLACEMENT EWELL OVERBRIDGE (TO BE DEMOLISHED) 11111111111111 **JUNCTION 24** SOUTHBOUND ON-SLIP PROPOSED CULVERT **PLAN VIEW JUNCTION 24** SOUTHBOUND ONSLIP WORK No. 45(b) (SCALE 1:2500)



(SCALE H=1:2500, V =1:500)



ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION. IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM. 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 CHAINAGE CENTRELINE OF NEW ROAD **PROFILE** TOPOGRAPHICAL SURVEY (EXISTING GROUND) FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD



SCALE 1:2500

METRES

SR S1

SCALE N.T.S.

P01 01/08/22 FINAL FOR DCO SUBMISSION AE CA CA DT

Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Apprv'd

Development Consent Order Number:

TR010060 TR010060/APP/2.11



Project

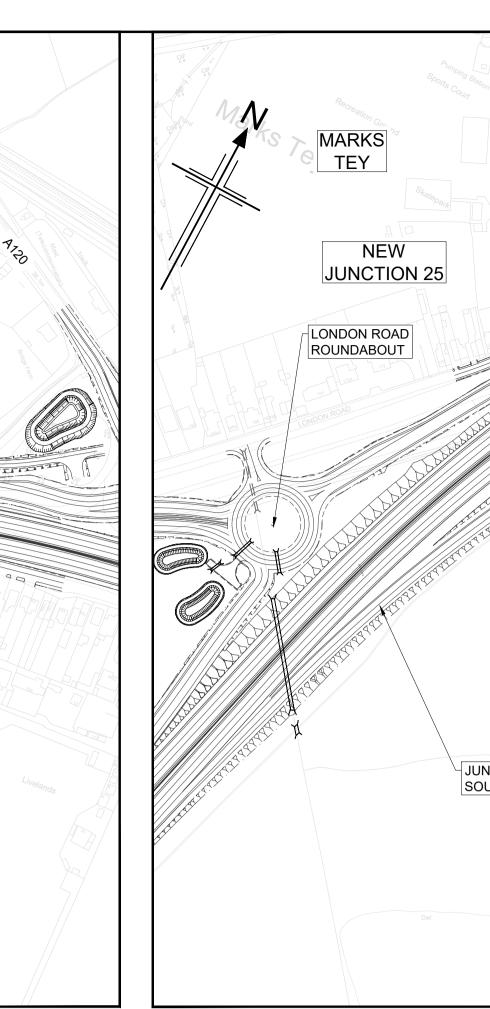
A12 CHELMSFORD TO A120 WIDENING SCHEME

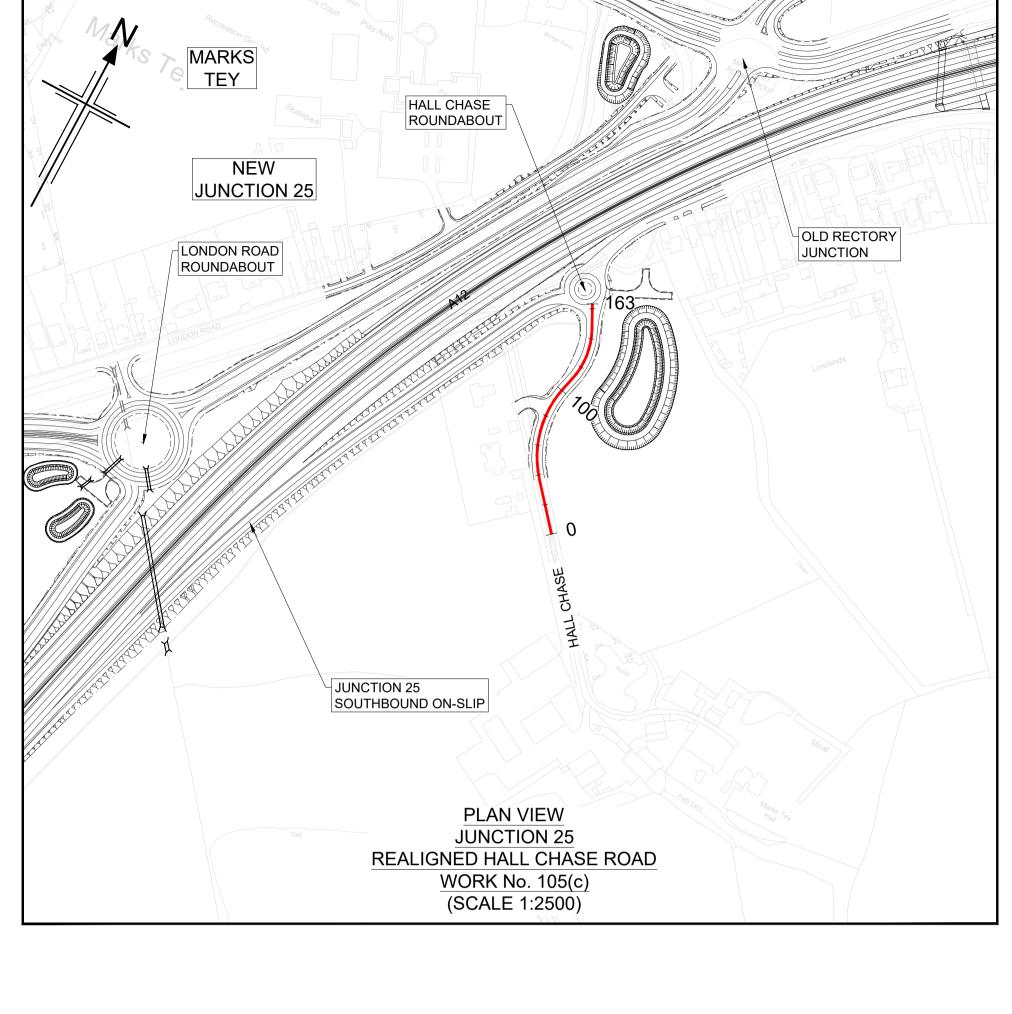
ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 24 SHEET 5 OF 5

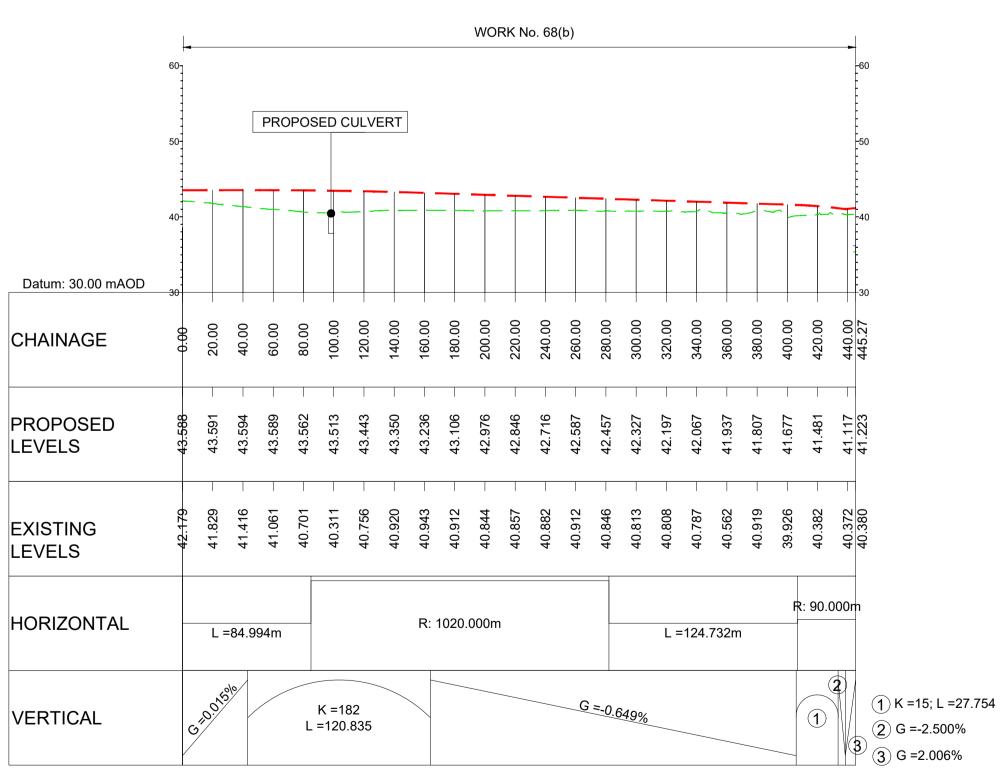
Regulation	REGULATION 5(2)(o), 5(2)(p) & 6(2)	
Purpose of issue	DCO APPLICATION	
State Code	Preliminary	
Project Stage	PCF3 Drawing status	
Scale at A1 (841x594mm)	AS SHOWN	S4
Jacobs No.	B36601D1	Rev P01
Client no.	HE551497	PUI

Drawing number PIN | Originator | Volume | HE551497 - JAC | - LDC - | Type | Role | Number | C - O105

os uk highways ss4\jegintl ha\d0155545\HE551497-JAC-LDC-S3 J24-DR-C-0105.c







MARKS

TEY

HALL CHASE

ROUNDABOUT

NEW

JUNCTION 25

DE-TRUNKED A12

LONDON ROAD

ROUNDABOUT

WESTERN

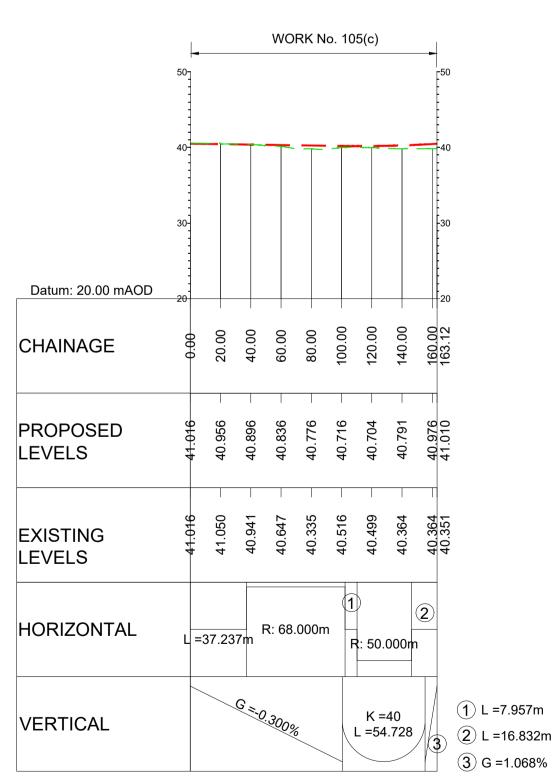
JUNCTION 25

NORTHBOUND

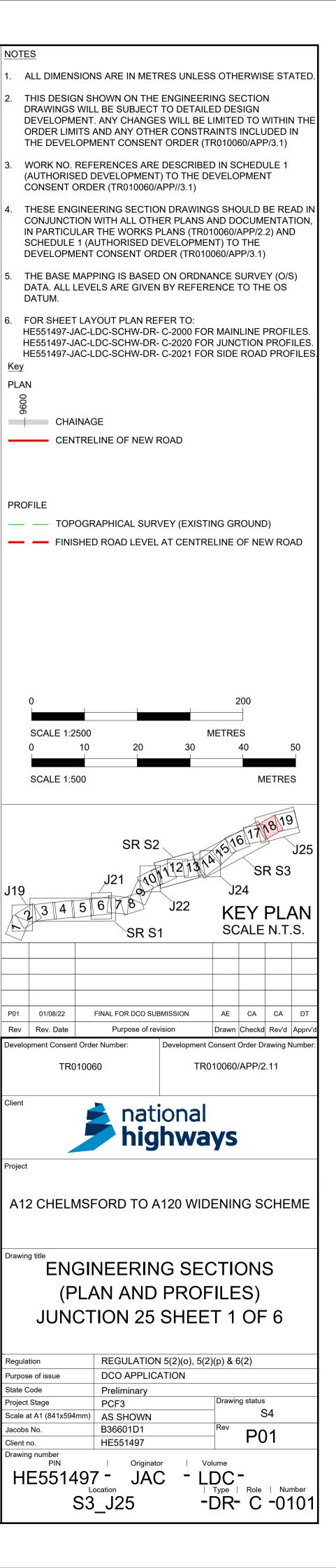
OFF-SLIP

CONNECTION

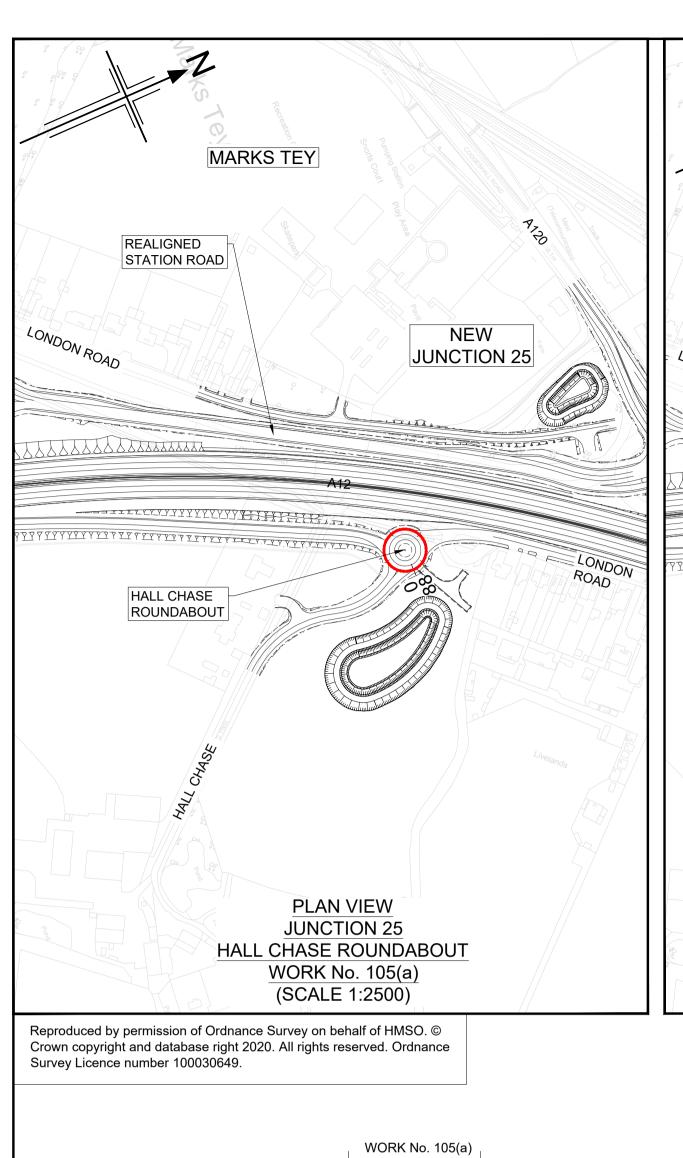
LONGITUDINAL SECTION **JUNCTION 25** SOUTHBOUND ON-SLIP (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION **JUNCTION 25** REALIGNED HALL CHASE ROAD (SCALE H=1:2500, V =1:500)

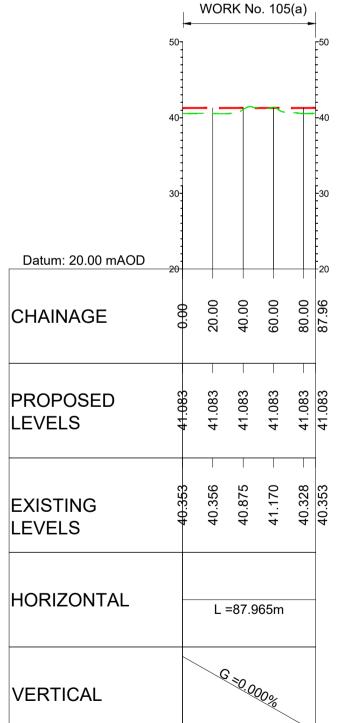


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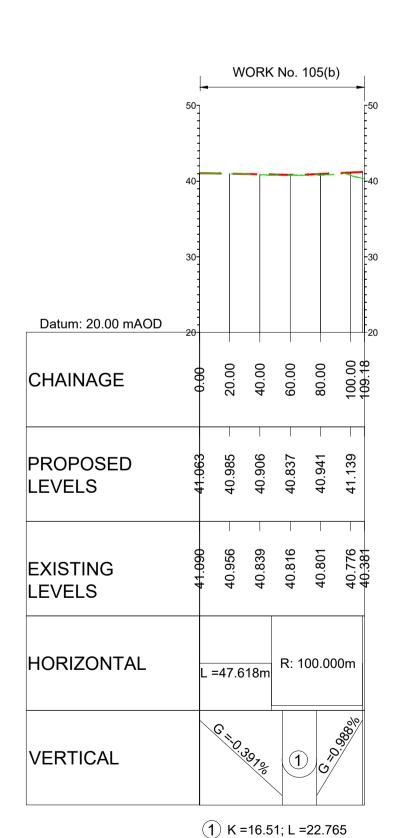


MARKS TEY REALIGNED STATION ROAD **JUNCTION 25** HALL CHASE ROUNDABOUT **PLAN VIEW JUNCTION 25** HALL CHASE ROUNDABOUT LINK TO LONDON ROAD WORK No. 105(b) (SCALE 1:2500)

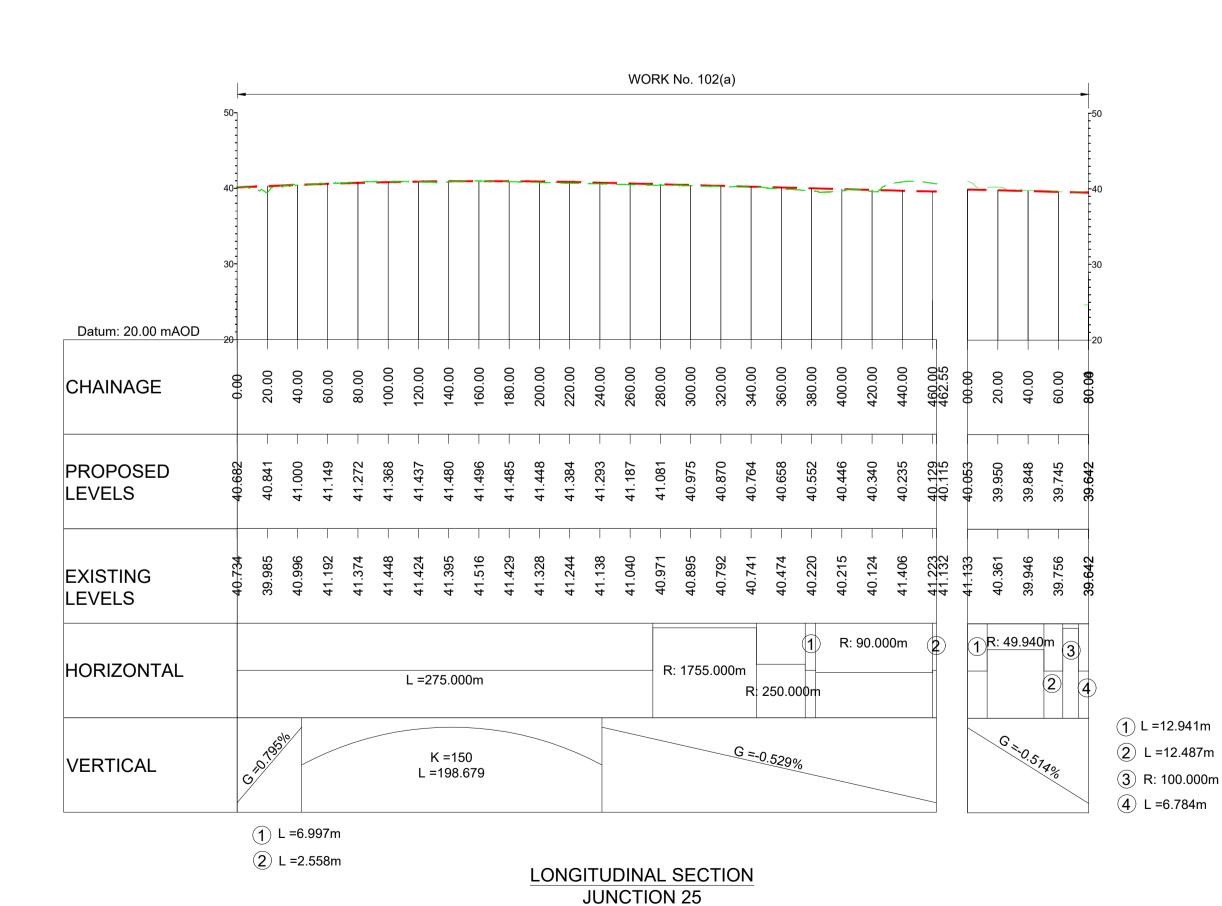
DE-TRUNKED A12 WESTERN MARKS TEY CONNECTION REALIGNED A120 COGGESHALL ROAD LONDON ROAD ROUNDABOUT REALIGNED STATION ROAD OLD RECTORY JUNCTION CHAINAGE HALL CHASE ROUNDABOUT FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD JUNCTION 25 SOUTHBOUND ON-SLIP **PLAN VIEW JUNCTION 25** REALIGNED STATION ROAD WORK No. 102(a) (SCALE 1:2500)



LONGITUDINAL SECTION JUNCTION 25 - HALL CHASE ROUNDABOUT (SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION HALL CHASE ROUNDABOUT LINK TO LONDON ROAD (SCALE H=1:2500, V =1:500)



REALIGNED STATION ROAD

(SCALE H=1:2500, V =1:500)

ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 25 SHEET 2 OF 6

A12 CHELMSFORD TO A120 WIDENING SCHEME

national highways

FINAL FOR DCO SUBMISSION

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN TH

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN

CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION,

IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND

THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS

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

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

METRES

KEY PLAN SCALE N.T.S.

AE CA CA

Development Consent Order Drawing Numb

TR010060/APP/2.11

Drawn Checkd Rev'd App

ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN

THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1

(AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT

SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE

DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)

CONSENT ORDER (TR010060/APP//3.1)

FOR SHEET LAYOUT PLAN REFER TO:

CENTRELINE OF NEW ROAD

SCALE 1:2500

SCALE 1:500

Rev Rev. Date

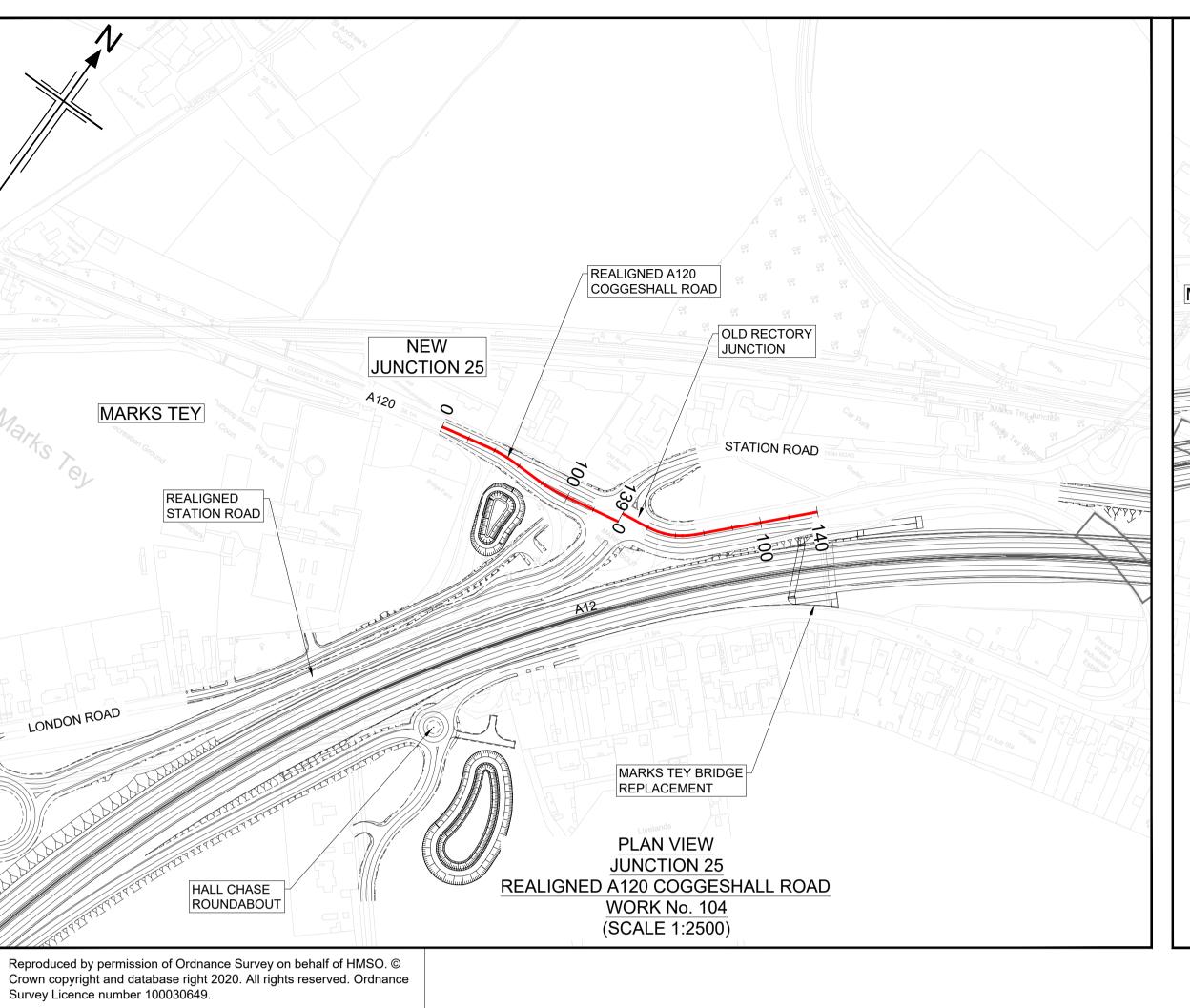
evelopment Consent Order Number:

TR010060

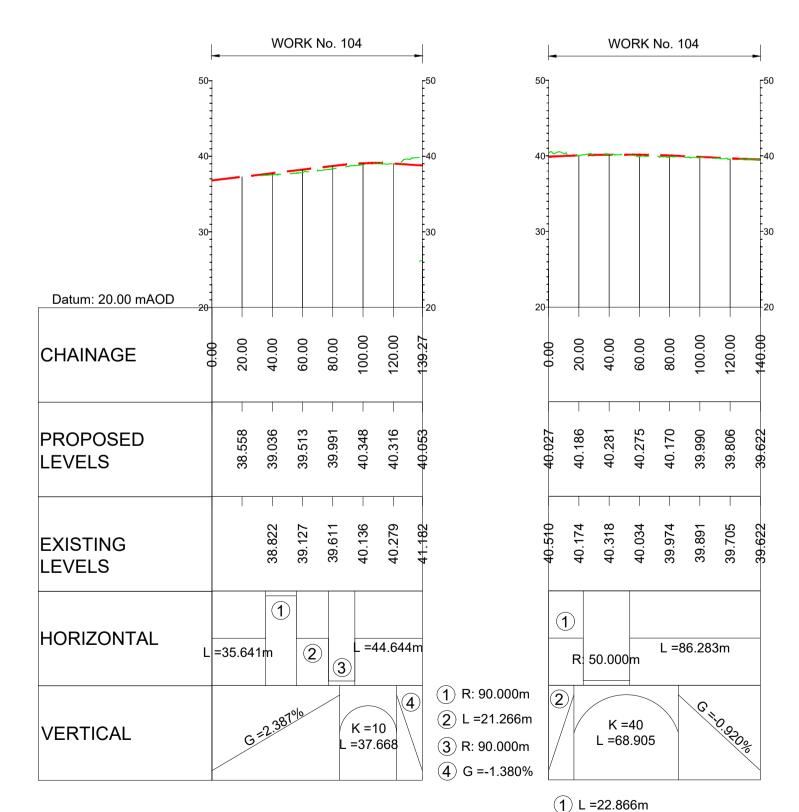
THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN

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 P01
Client no.	HE551497	PUI
Drawing number		·

HE551497 – JAC - LDC -| Type | Role | Number -DR- C -0102 S3_J25

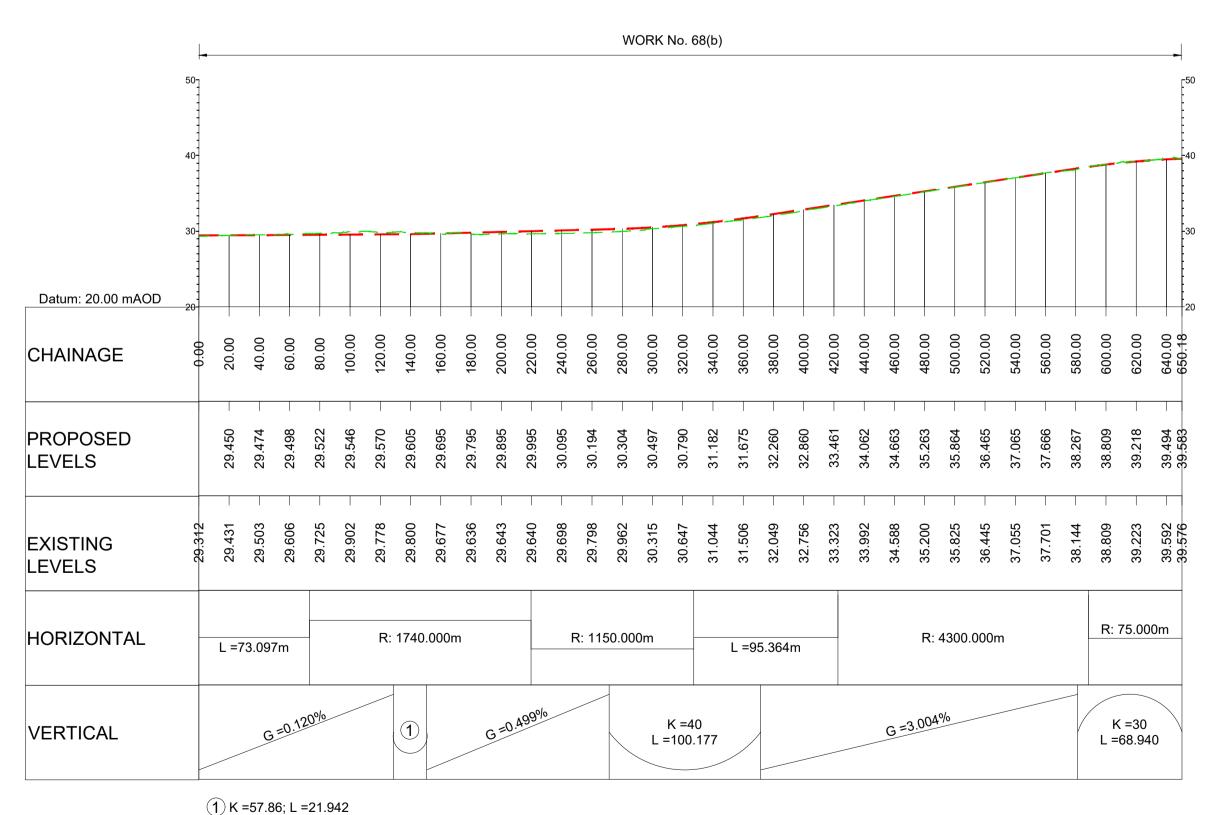


JUNCTION 25 NORTHBOUND ON-SLIP NEW MARKS TEY STATION **JUNCTION 25 JUNCTION 25** SOUTHBOUND OFF-SLIP PRINCE OF WALES ROUNDABOUT **PLAN VIEW JUNCTION 25** SOUTHBOUND OFF-SLIP WORK No. 68(b) (SCALE 1:2500)



LONGITUDINAL SECTION **JUNCTION 25** REALIGNED A120 COGGESHALL ROAD (SCALE H=1:2500, V =1:500)

② G =0.803%



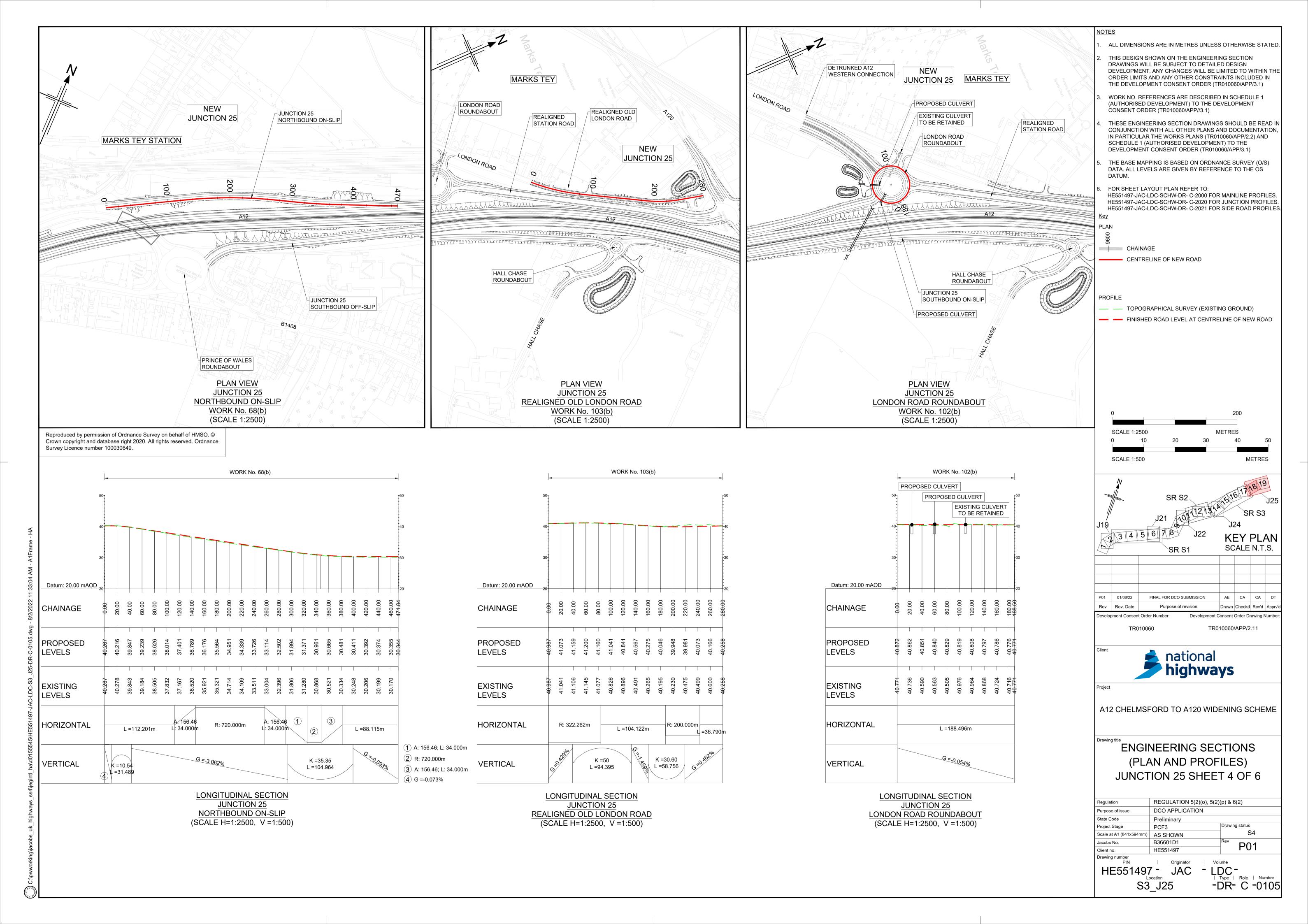
LONGITUDINAL SECTION JUNCTION 25 - SOUTHBOUND OFF-SLIP (SCALE H=1:2500, V =1:500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION. IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS 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 CHAINAGE CENTRELINE OF NEW ROAD **PROFILE** TOPOGRAPHICAL SURVEY (EXISTING GROUND) FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD **METRES** SCALE 1:2500 SCALE 1:500 **KEY PLAN** SCALE N.T.S. FINAL FOR DCO SUBMISSION AE CA CA Rev Rev. Date Drawn Checkd Rev'd Appr Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060 national highways A12 CHELMSFORD TO A120 WIDENING SCHEME **ENGINEERING SECTIONS**

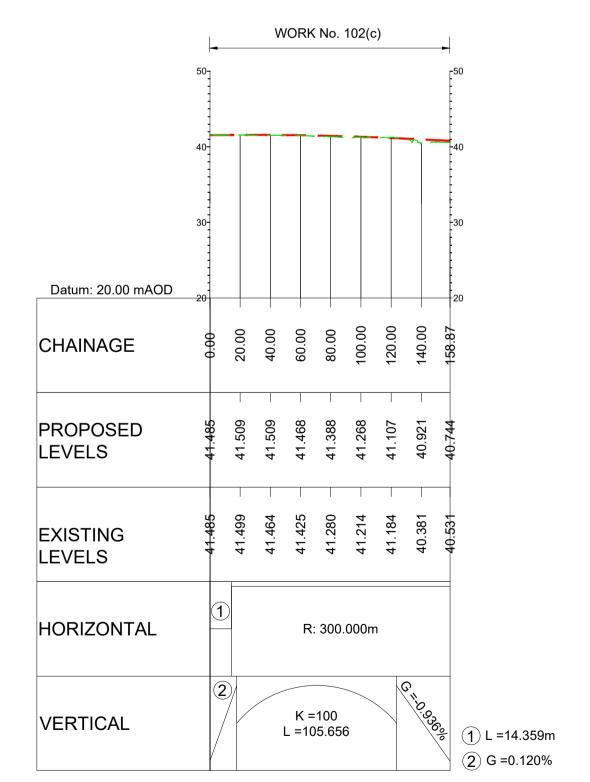
(PLAN AND PROFILES) JUNCTION 25 SHEET 3 OF 6

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 P01
Client no.	HE551497	PUI
Drawing number PIN	Originator Vo	lume

HE551497 - JAC - LDC - | Type | Role | Number | C -0104 S3_J25



REALIGNED OLD LONDON ROAD ACCESS MARKS TEY **DETRUNKED A12** WESTERN CONNECTION LONDON ROAD REALIGNED ROUNDABOUT STATION ROAD **JUNCTION 25 JUNCTION 25** NORTHBOUND OFF-SLIP HALL CHASE ROUNDABOUT JUNCTION 25 SOUTHBOUND ON-SLIP **PLAN VIEW JUNCTION 25** REALIGNED OLD LONDON ROAD ACCESS WORK No. 102(d) (SCALE 1:2500)



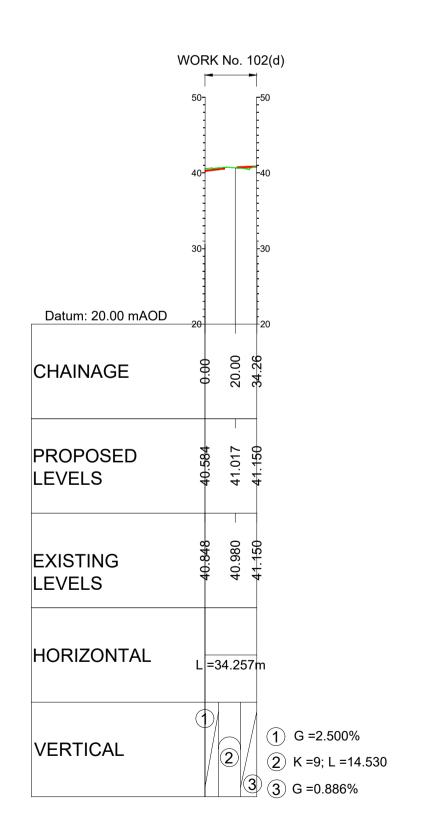
LONGITUDINAL SECTION

JUNCTION 25

LONDON ROAD ROUNDABOUT LINK TO

DETRUNKED A12 WESTERN CONNECTION

(SCALE H=1:2500, V =1:500)



LONGITUDINAL SECTION

JUNCTION 25

REALIGNED OLD LONDON ROAD ACCESS

(SCALE H=1:2500, V =1:500)

ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP//3.1) THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION, IN PARTICULAR THE WORKS PLANS (TR010060/APP/2.2) AND SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM. 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 CHAINAGE CENTRELINE OF NEW ROAD **PROFILE** TOPOGRAPHICAL SURVEY (EXISTING GROUND) FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD **METRES** SCALE 1:2500 SCALE 1:500 **KEY PLAN** SCALE N.T.S. FINAL FOR DCO SUBMISSION Rev Rev. Date Drawn Checkd Rev'd App Development Consent Order Number: **Development Consent Order Drawing Numb** TR010060/APP/2.11 TR010060 national **highways** A12 CHELMSFORD TO A120 WIDENING SCHEME **ENGINEERING SECTIONS** (PLAN AND PROFILES) JUNCTION 25 SHEET 5 OF 6 REGULATION 5(2)(o), 5(2)(p) & 6(2) DCO APPLICATION Purpose of issue State Code Drawing status Project Stage S4 Scale at A1 (841x594mm) AS SHOWN P01

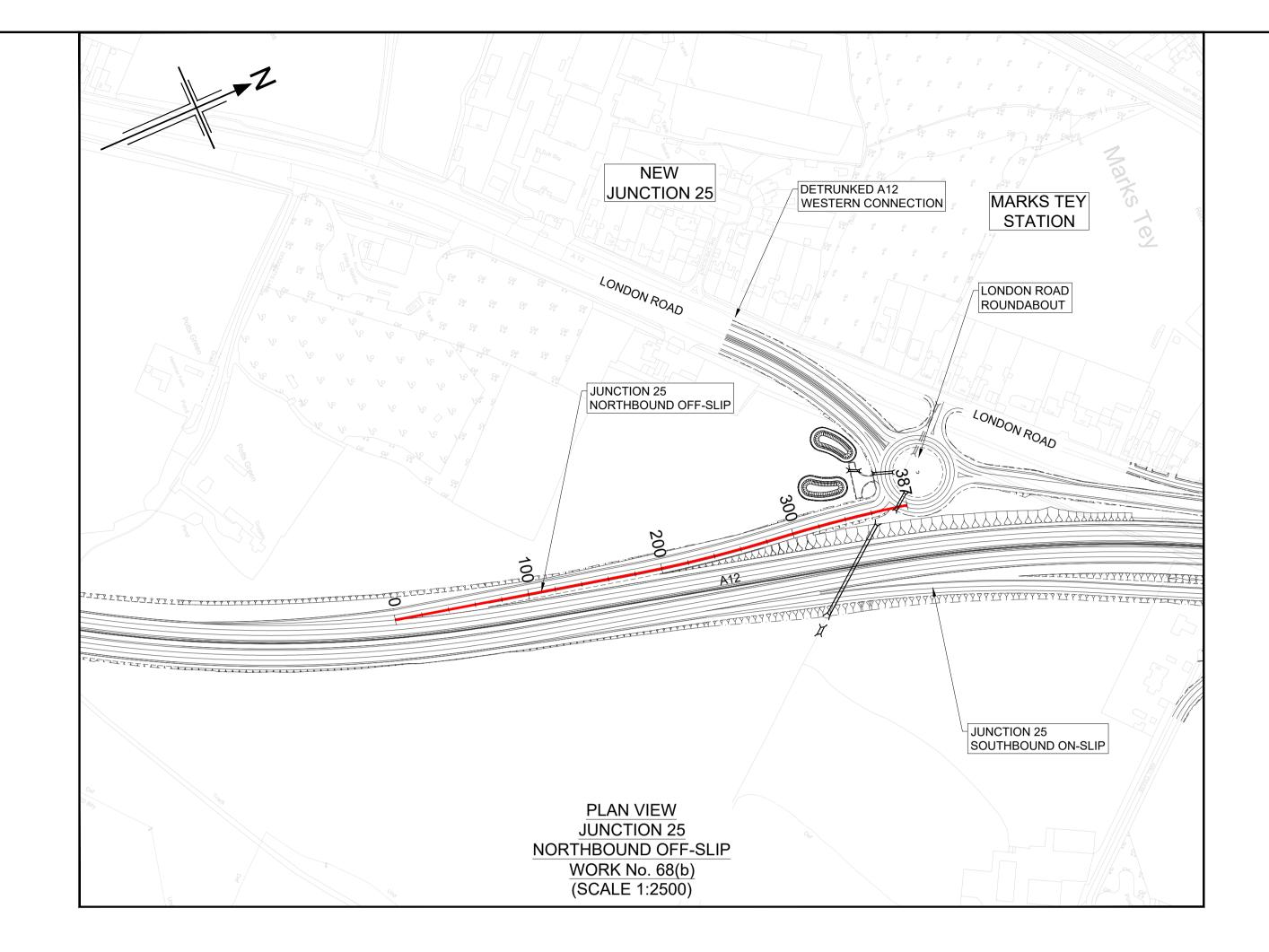
> - LDC -| Type | Role | Number -DR- C -0106

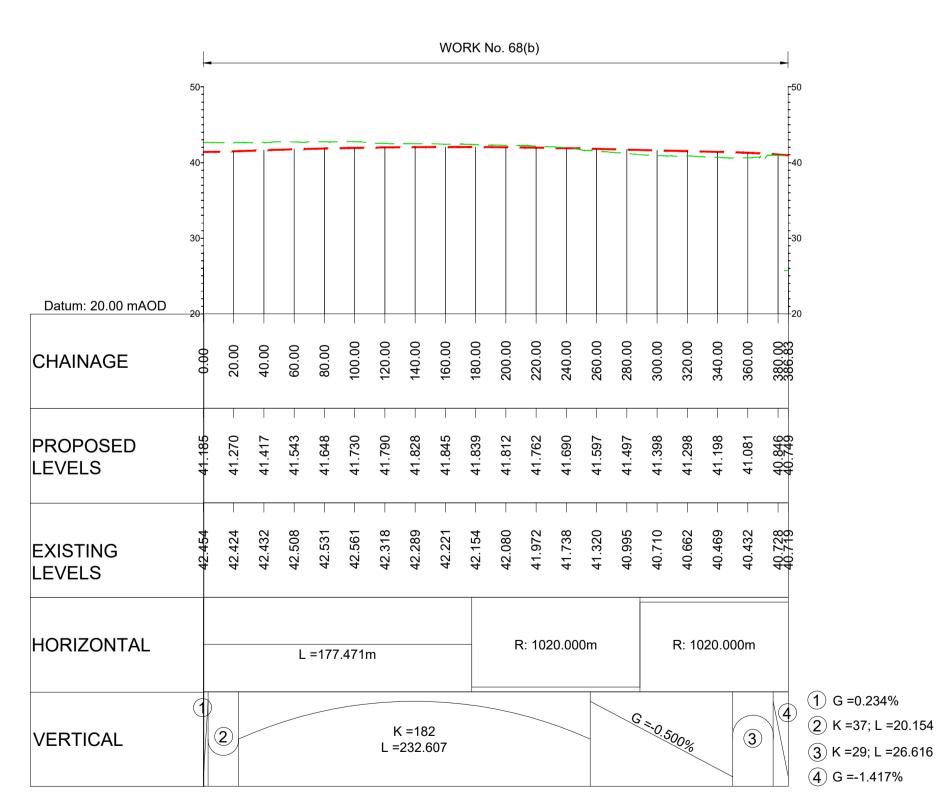
S3_J25

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THI

THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN





LONGITUDINAL SECTION

JUNCTION 25

NORTHBOUND OFF-SLIP
(SCALE H=1:2500, V =1:500)

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