

12 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

June 2023



Infrastructure Planning

Planning Act 2008

A12 Chelmsford to A120 widening scheme

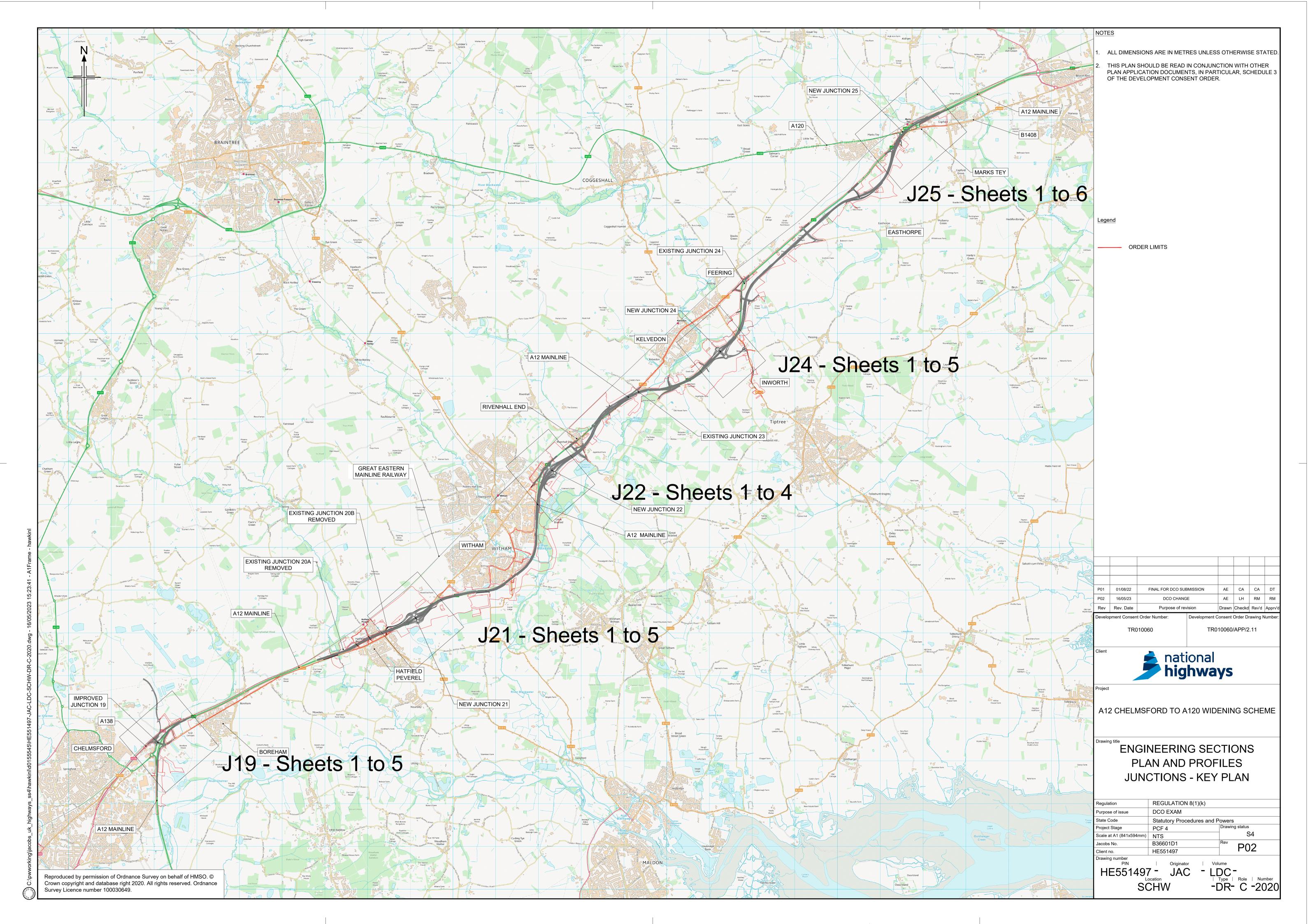
Development Consent Order 202[]

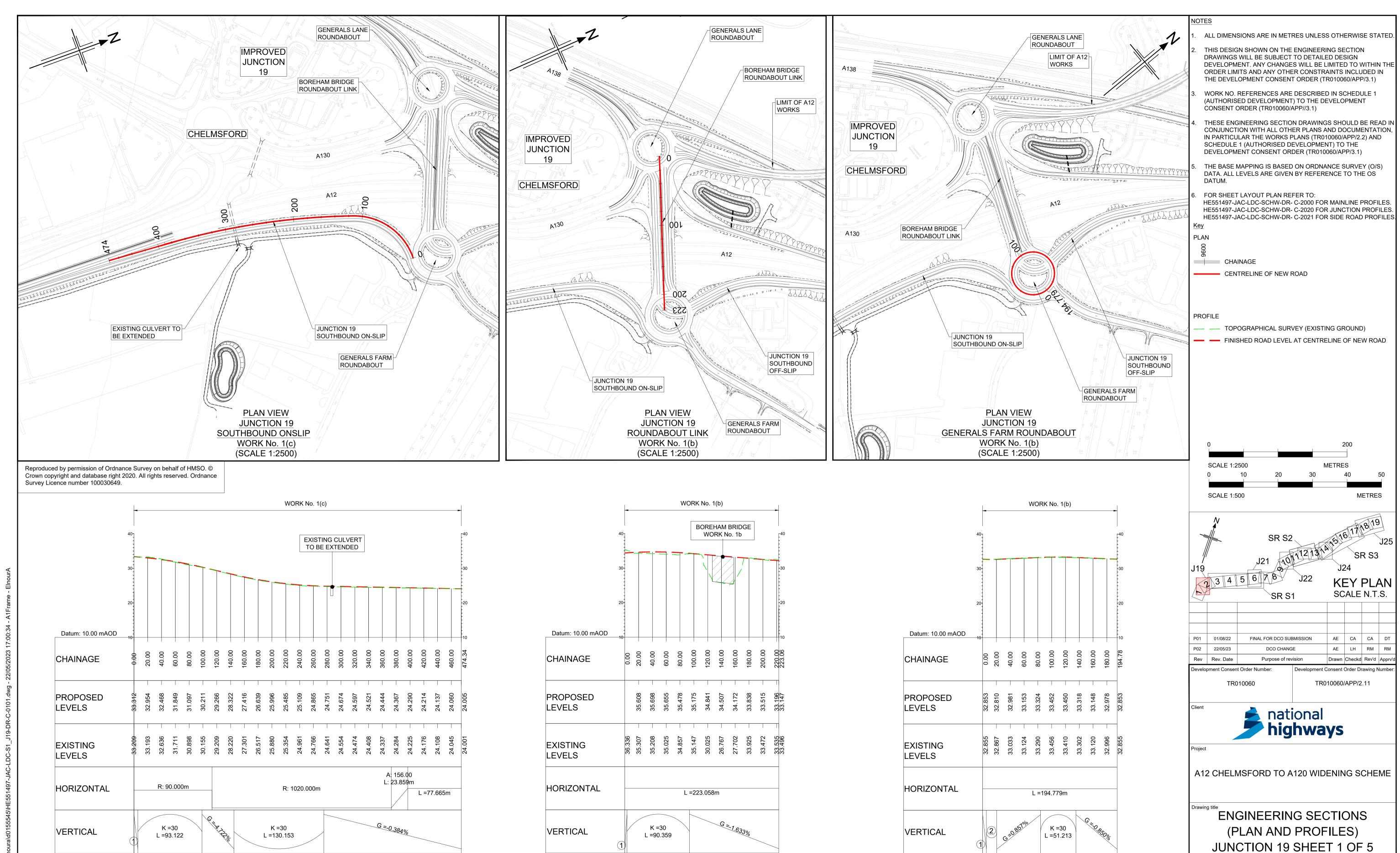
ENGINEERING SECTION DRAWINGS PART 2

| Regulation Number: | 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 |
|---------|-----------|-------------------|
| P02 | June 2023 | DCO Change |

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





(1) G =1.341%

LONGITUDINAL SECTION

JUNCTION 19

ROUNDABOUT LINK

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

(1) G =-0.803%

(2) K =9; L =14.941

LONGITUDINAL SECTION

JUNCTION 19

GENERALS FARM ROUNDABOUT

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

REGULATION 8(1)(k)

Statutory Procedures and Powers

- LDC-

P02

Type | Role | Number - DR- C -010

DCO EXAM

PCF 4

B36601D1

HE551497

S1_J19

Scale at A1 (841x594mm) AS SHOWN

Regulation

State Code

Client no.

Project Stage

Purpose of issue

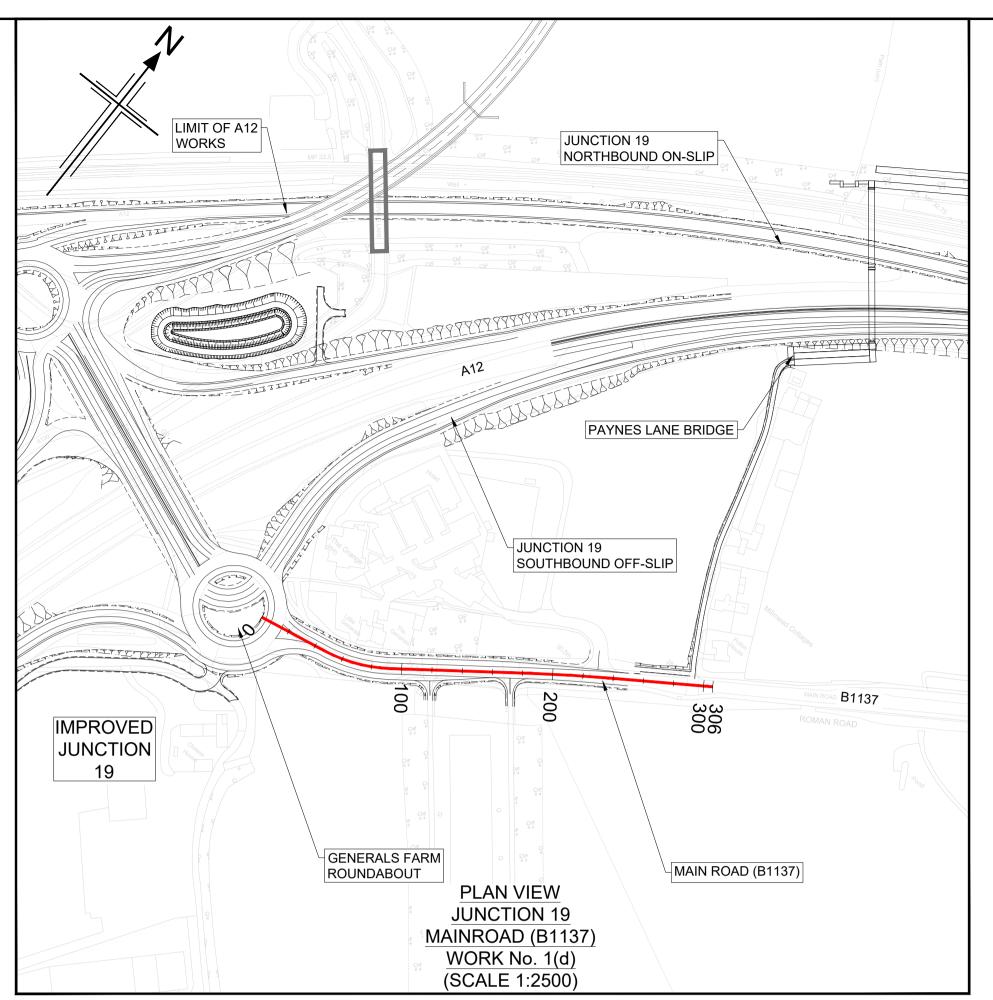
(1) G =-1.618%

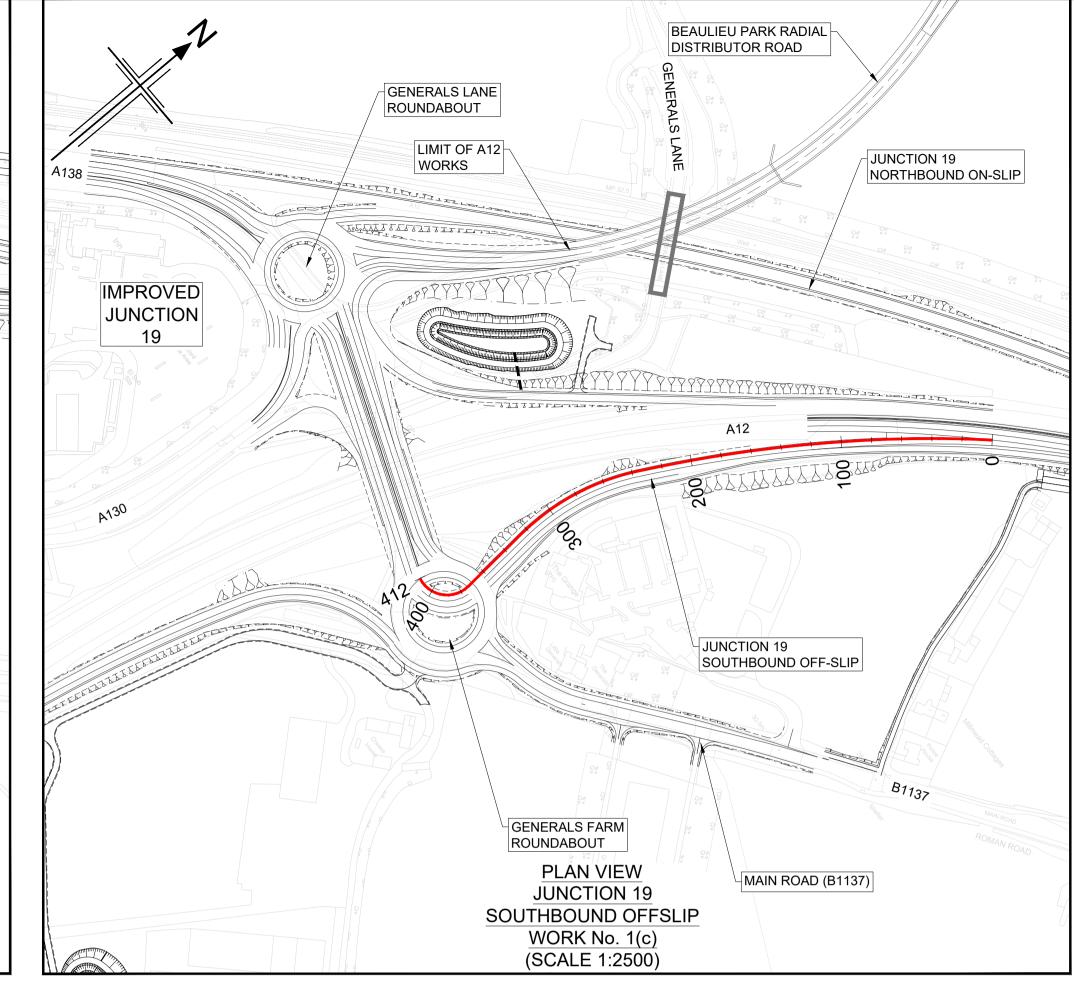
LONGITUDINAL SECTION

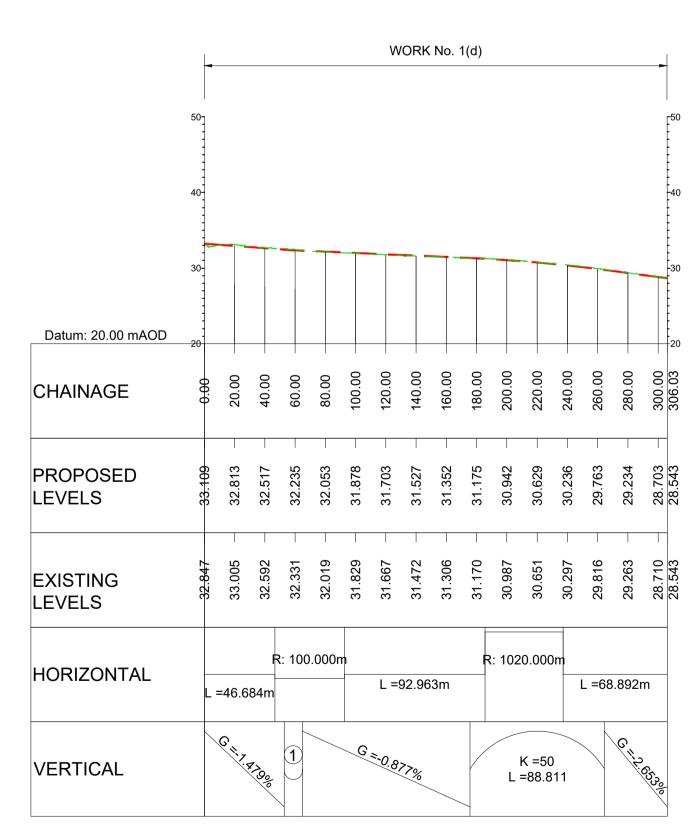
JUNCTION 19

SOUTHBOUND ONSLIP

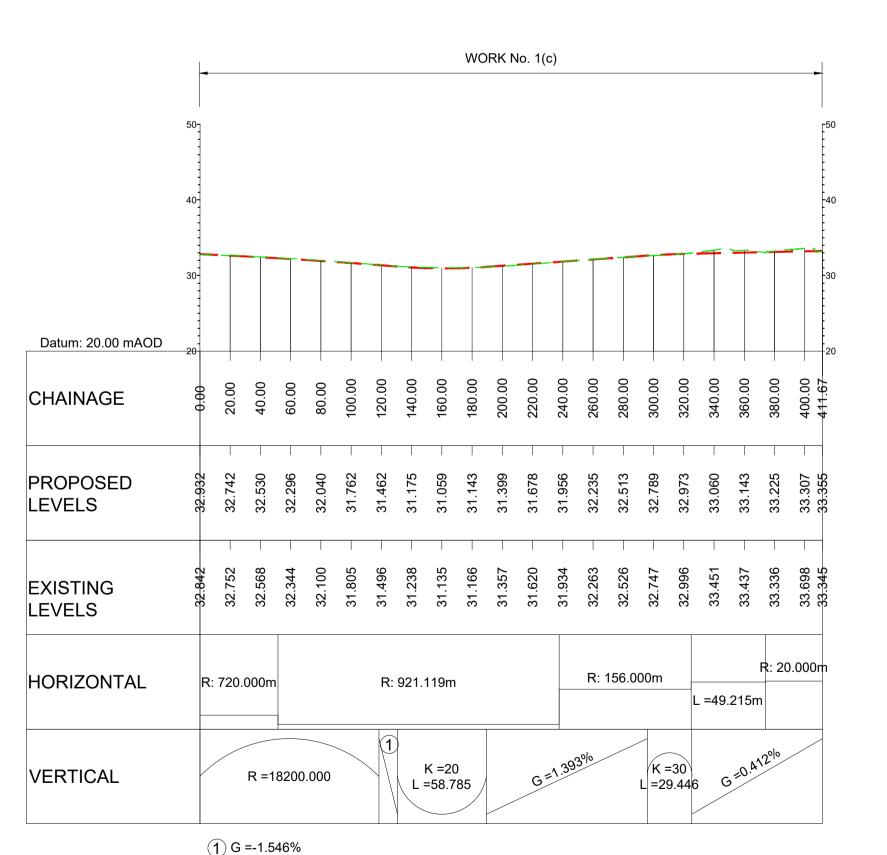
(SCALE H=1:2500, V =1:500)







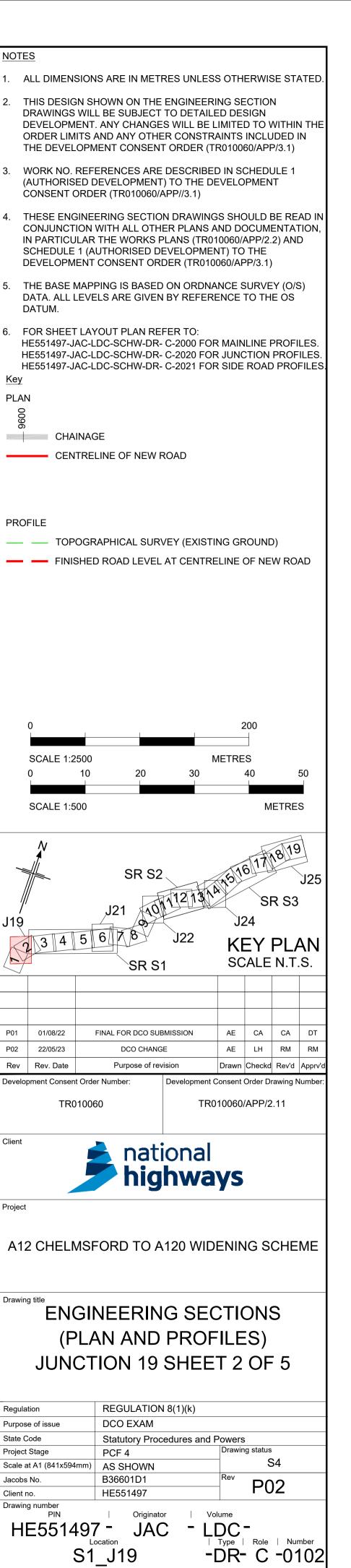
1) K =20; L =12.031 LONGITUDINAL SECTION **JUNCTION 19** MAINROAD (B1137) (SCALE H=1:2500, V =1:500)

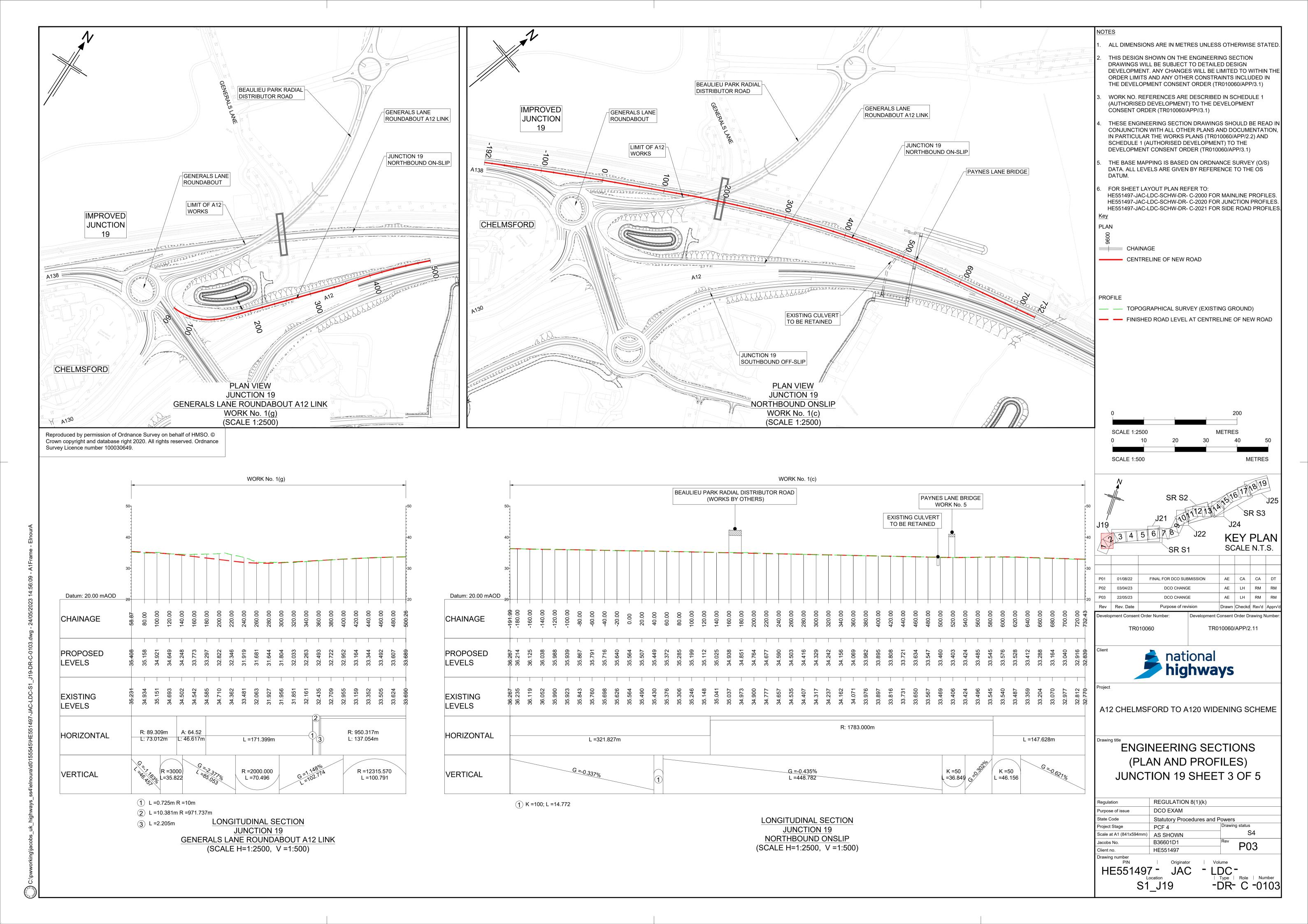


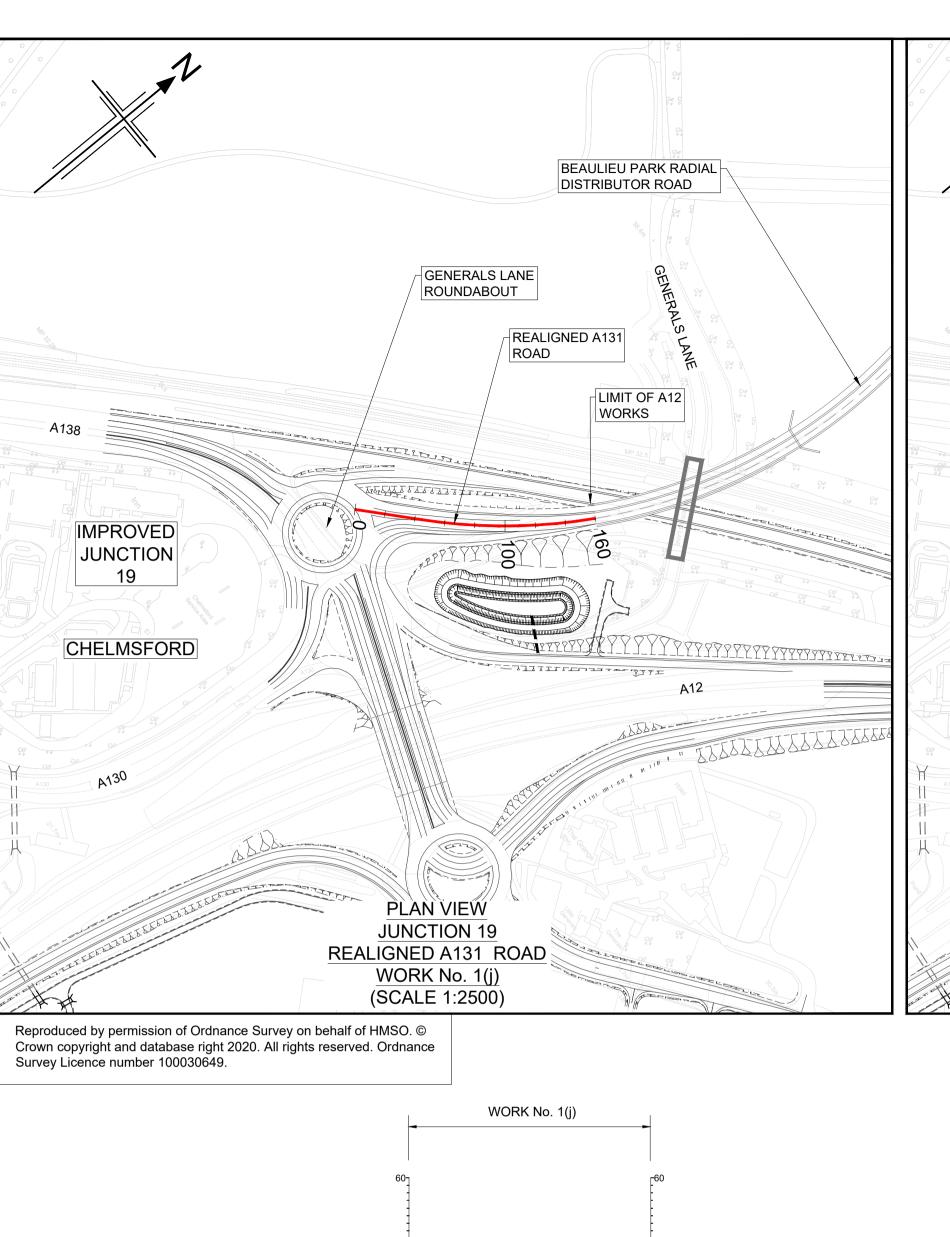
LONGITUDINAL SECTION **JUNCTION 19** SOUTHBOUND OFFSLIP

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

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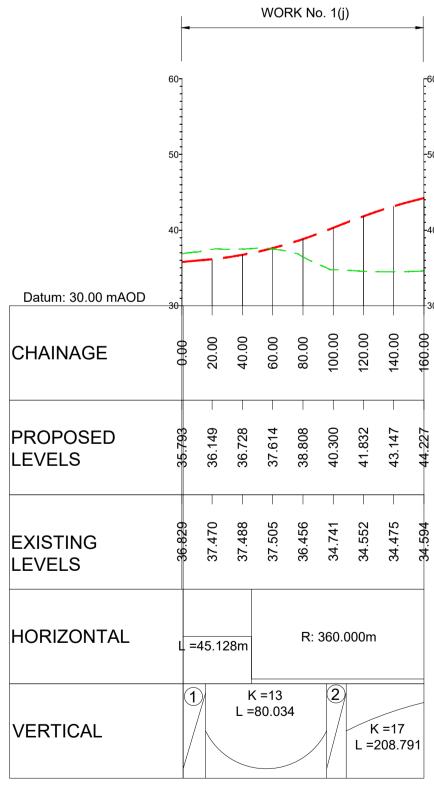






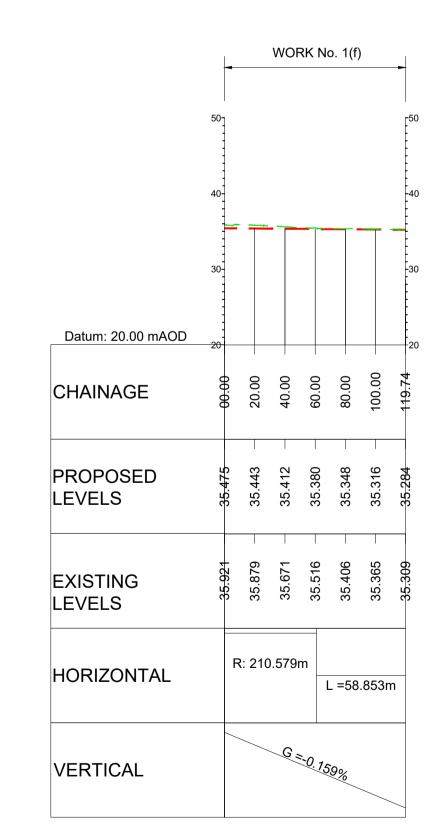
BEAULIEU PARK RADIAL DISTRIBUTOR ROAD GENERALS LANE ROUNDABOUT GENERALS LANE ROUNDABOUT NORTHERN LINK LIMIT OF A12 WORKS **IMPROVED** JUNCTION 19 CHELMSFORD **PLAN VIEW JUNCTION 19** GENERALS LANE ROUNDABOUT NORTHERN LINK WORK No. 1(f) (SCALE 1:2500)

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED BEAULIEU PARK RADIAL DISTRIBUTOR ROAD THIS DESIGN SHOWN ON THE ENGINEERING SECTION GENERALS LANE ROUNDABOUT GENERALS LANE ROUNDABOUT WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 LEFT TURN LANE (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT LIMIT OF A12 WORKS SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1) HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES **IMPROVED** JUNCTION 19 CHELMSFORD **PLAN VIEW JUNCTION 19** GENERALS LANE ROUNDABOUT LEFT TURN LANE WORK No. 10 (SCALE 1:2500)

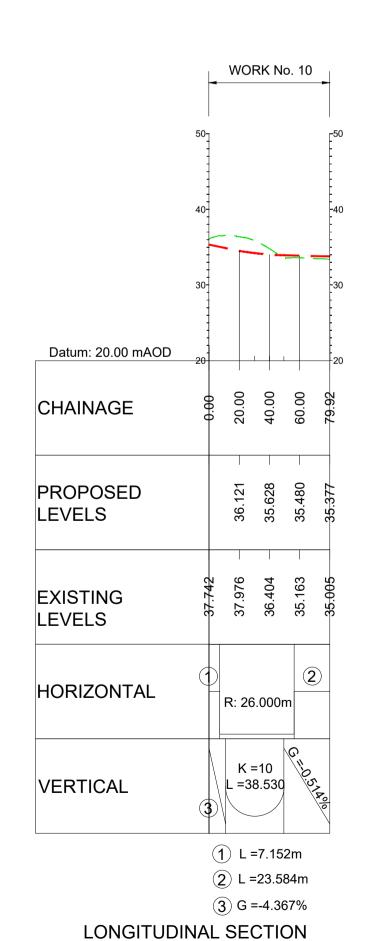


LONGITUDINAL SECTION **JUNCTION 19** BEAULIEU PARK RADIAL DISTRIBUTOR ROAD (SCALE H=1:2500, V =1:500)

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



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



JUNCTION 19

GENERALS LANE ROUNDABOUT LEFT TURN LANE

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

ENGINEERING SECTIONS DCO EXAM Purpose of issue State Code Project Stage PCF 4

Scale at A1 (841x594mm) AS SHOWN B36601D1 P02 Client no. HE551497 - LDC -| Type | Role | Number -DR- C -0104 S1_J19

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)

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

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

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

METRES SCALE 1:2500 30 40 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 App Development Consent Order Number: **Development Consent Order Drawing Numb**

TR010060/APP/2.11

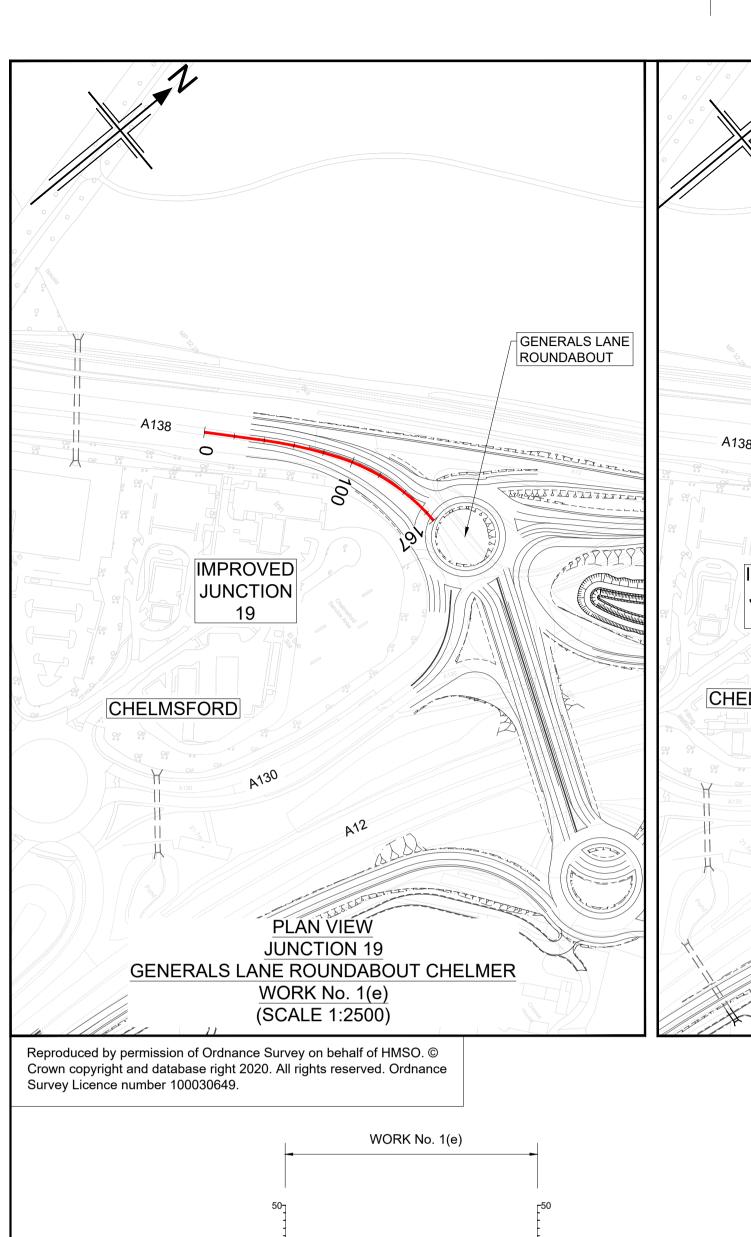
national highways

TR010060

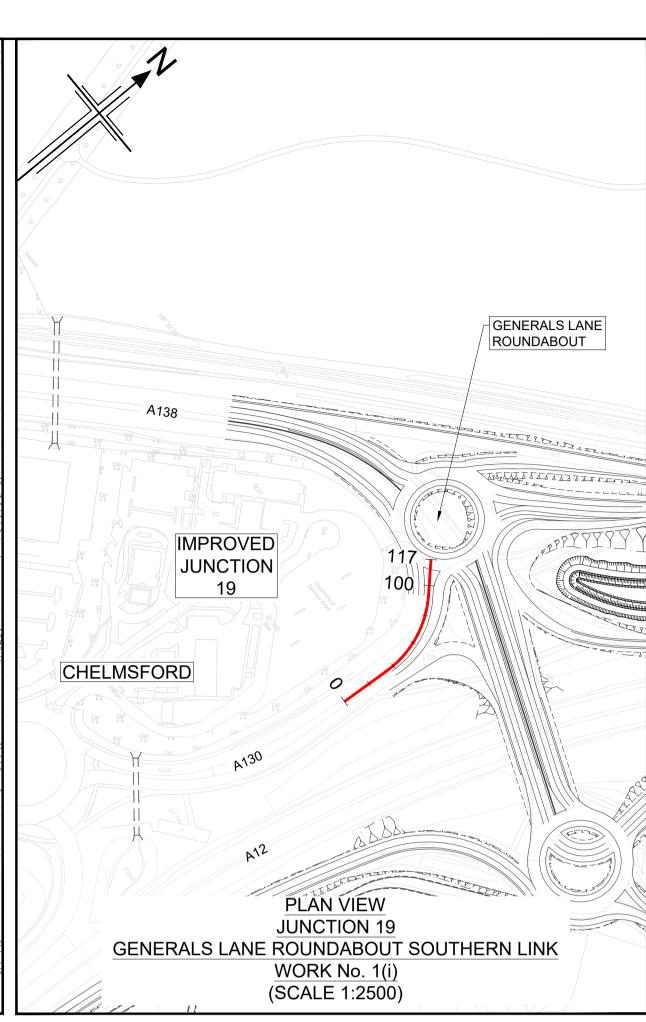
A12 CHELMSFORD TO A120 WIDENING SCHEME

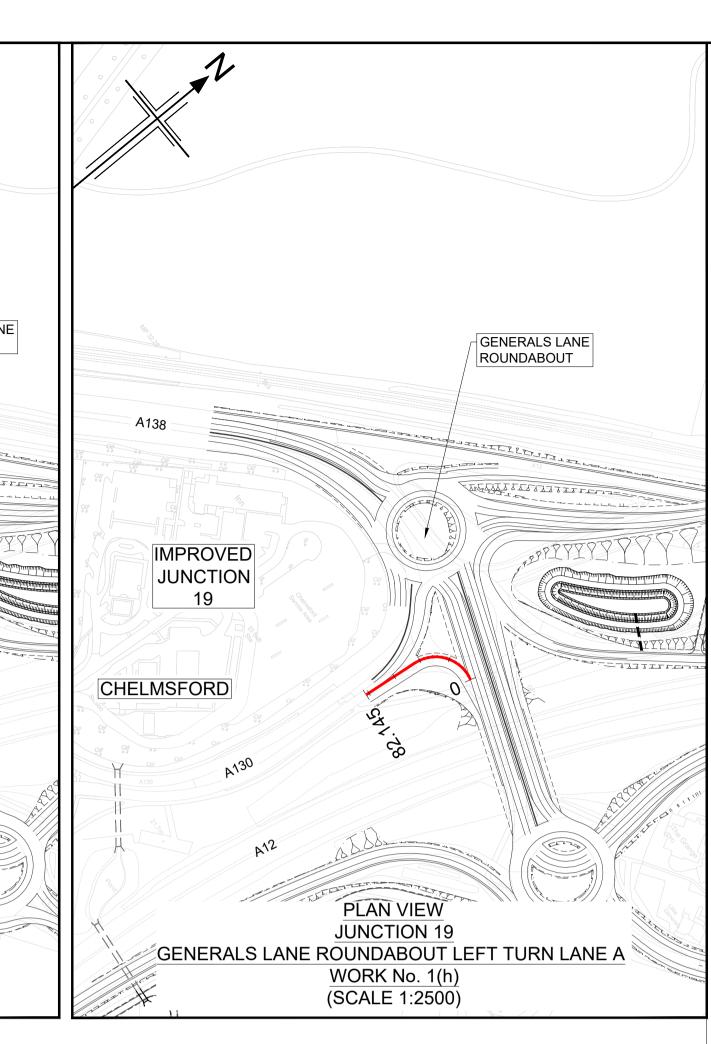
(PLAN AND PROFILES) JUNCTION 19 SHEET 4 OF 5 REGULATION 8(1)(k)

Statutory Procedures and Powers S4



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

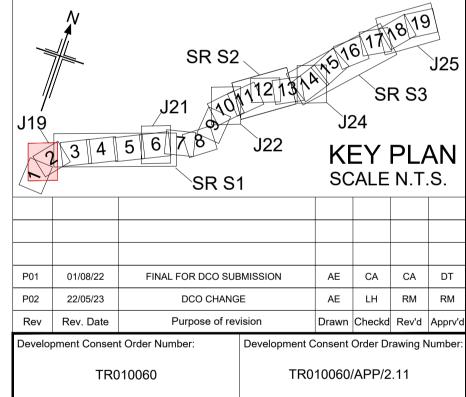
CHAINAGE CENTRELINE OF NEW ROAD

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

METRES SCALE 1:2500 30 40

SCALE 1:500



national highways

A12 CHELMSFORD TO A120 WIDENING SCHEME

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

| Regulation | REGULATION 8(1)(k) | |
|-------------------------|----------------------------|----------------|
| Purpose of issue | DCO EXAM | |
| State Code | Statutory Procedures and P | owers |
| Project Stage | PCF 4 | Drawing status |
| Scale at A1 (841x594mm) | AS SHOWN | S4 |
| Jacobs No. | B36601D1 | Rev P02 |
| Client no. | HE551497 | PU2 |
| Drawing number PIN | Originator Val | ume |
| | , J | unie |

WORK No. 1(b) Datum: 20.00 mAOD CHAINAGE PROPOSED LEVELS EXISTING LEVELS HORIZONTAL L =191.637m K = 20 L = 36.680 VERTICAL 1 K =12.90; L =24.804

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

WORK No. 1(i) Datum: 20.00 mAOD 20.00 40.00 60.00 80.00 100.00 CHAINAGE 33.948 34.596 35.044 35.292 35.427 PROPOSED LEVELS 33.989 34.611 35.020 35.253 35.426 35.357 **EXISTING** LEVELS R: 67.500m HORIZONTAL K =20 L =75.766 VERTICAL 1 L =34.242m (2) L =23.915m

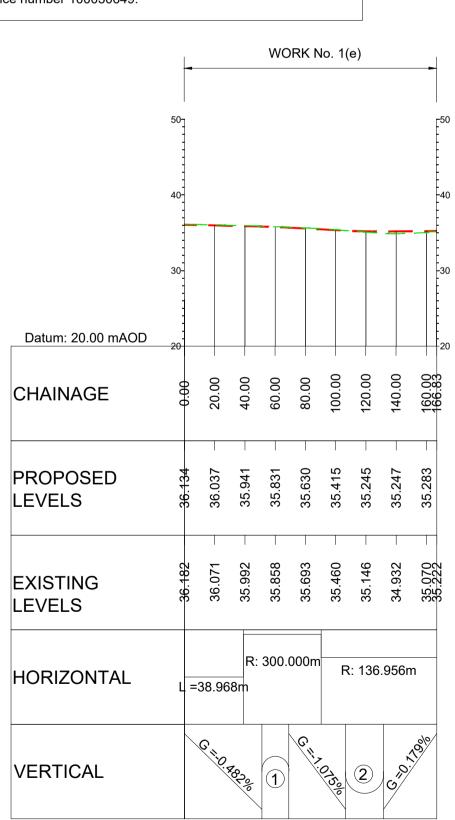
(3) G =4.459% LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT SOUTHERN LINK (SCALE H=1:2500, V =1:500)

Datum: 20.00 mAOD 20.00 40.00 60.00 80.00 82.14 CHAINAGE 35.170 34.883 34.253 34.180 PROPOSED LEVELS 34.899 34.862 35.251 34.868 34.369 34.279 **EXISTING** LEVELS HORIZONTAL R: 25.000m K =10 L =38.931 VERTICAL 1 L =38.569m

WORK No. 1(h)

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

(2) G =-3.371%



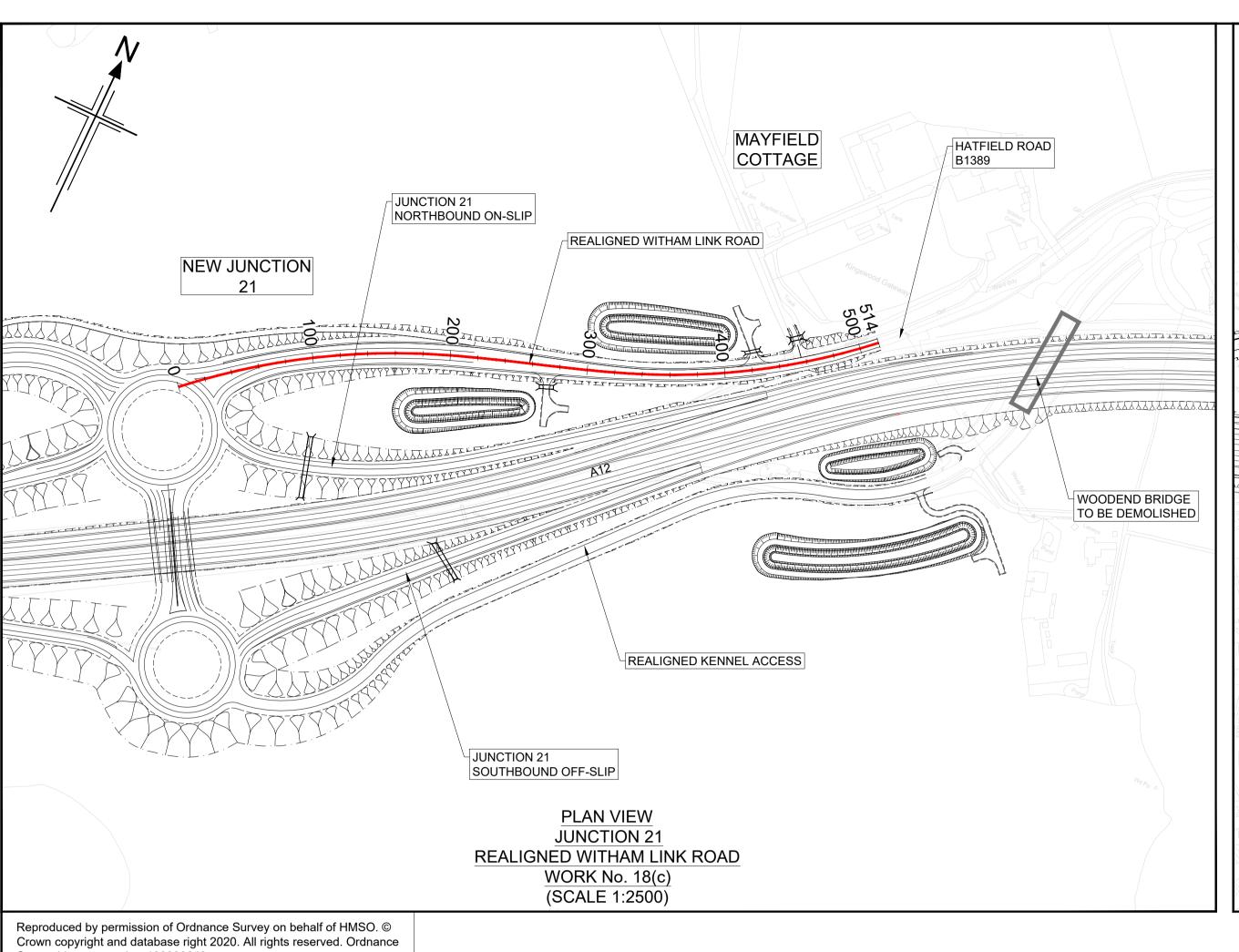
LONGITUDINAL SECTION **JUNCTION 19** GENERALS LANE ROUNDABOUT CHELMER (SCALE H=1:2500, V =1:500)

1 K =30; L =17.778

(2) K =20; L =25.083

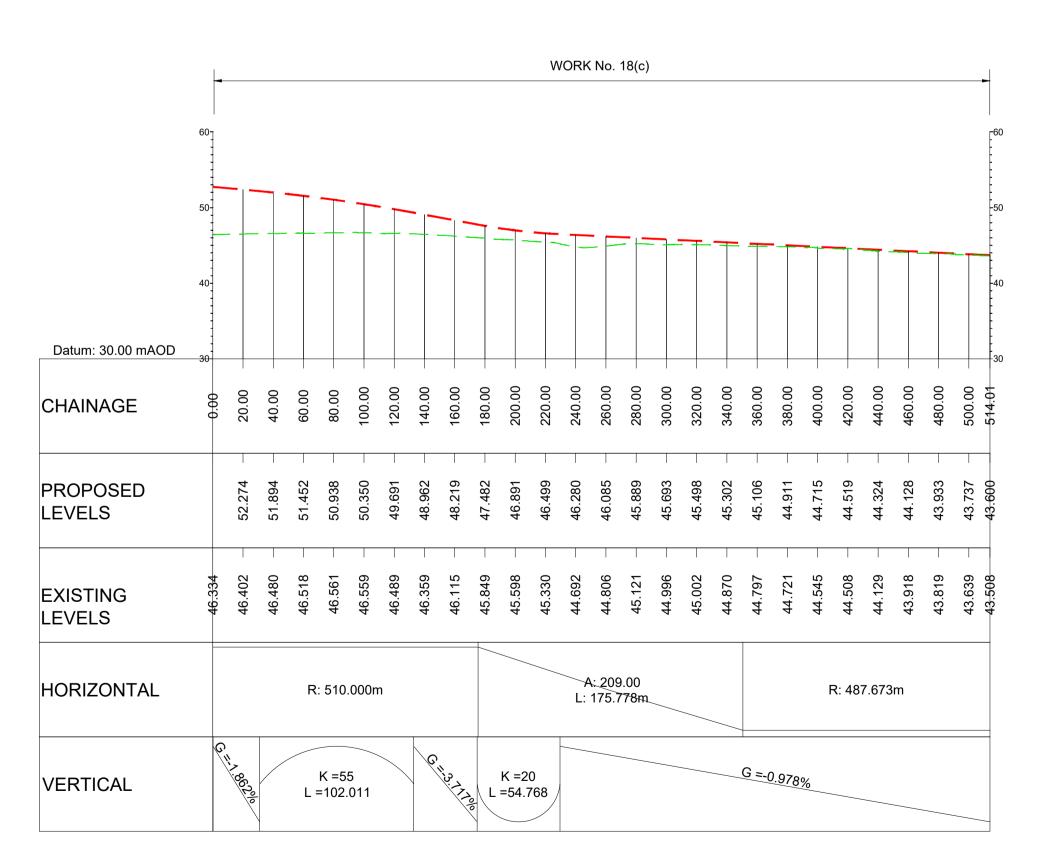
HE551497 - JAC S1_J19

- LDC -| Type | Role | Number -DR- C -0105

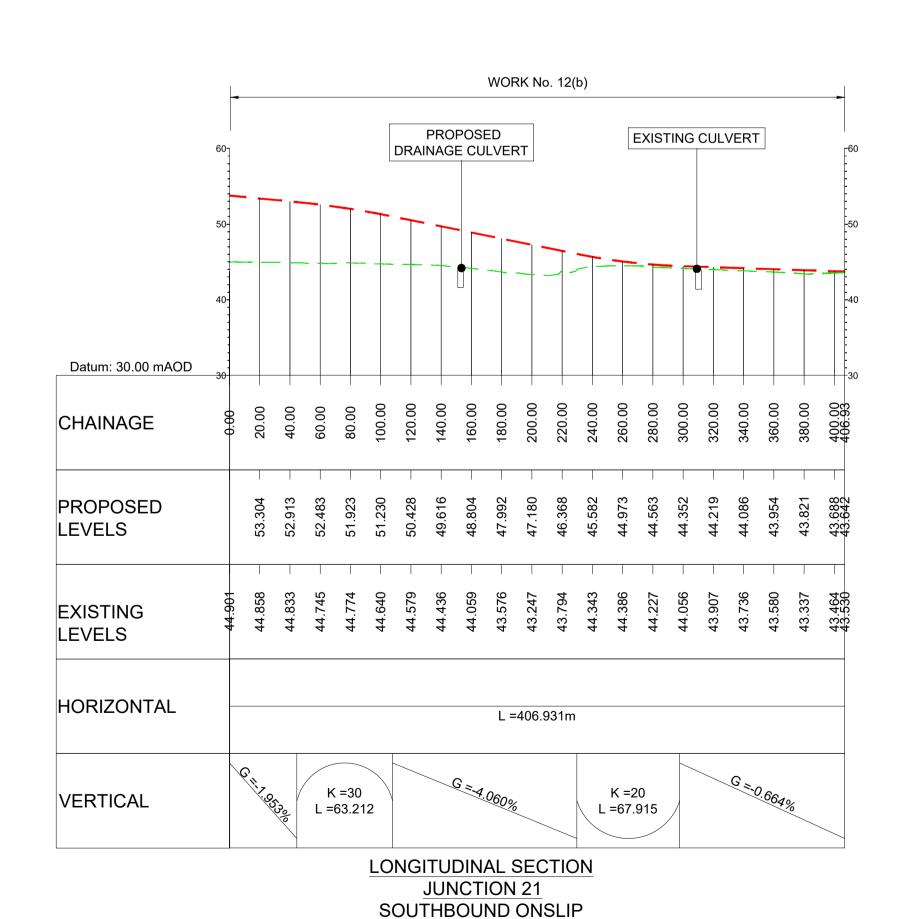


NEW JUNCTION 21 JUNCTION 21 NORTHBOUND OFF-SLIP HATFIELD ROAD OVERBRIDGE NEW HATFIELD PEVEREL LINK ROAD EXISTING **JUNCTION 20B** REMOVED **HATFIELD** PEVEREL **EXISTING CULVERT** JUNCTION 21 SOUTHBOUND ON-SLIP PROPOSED DRAINAGE CULVERT PLAN VIEW **JUNCTION 21** SOUTHBOUND ONSLIP WORK No. 12(b) (SCALE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

Survey Licence number 100030649.



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



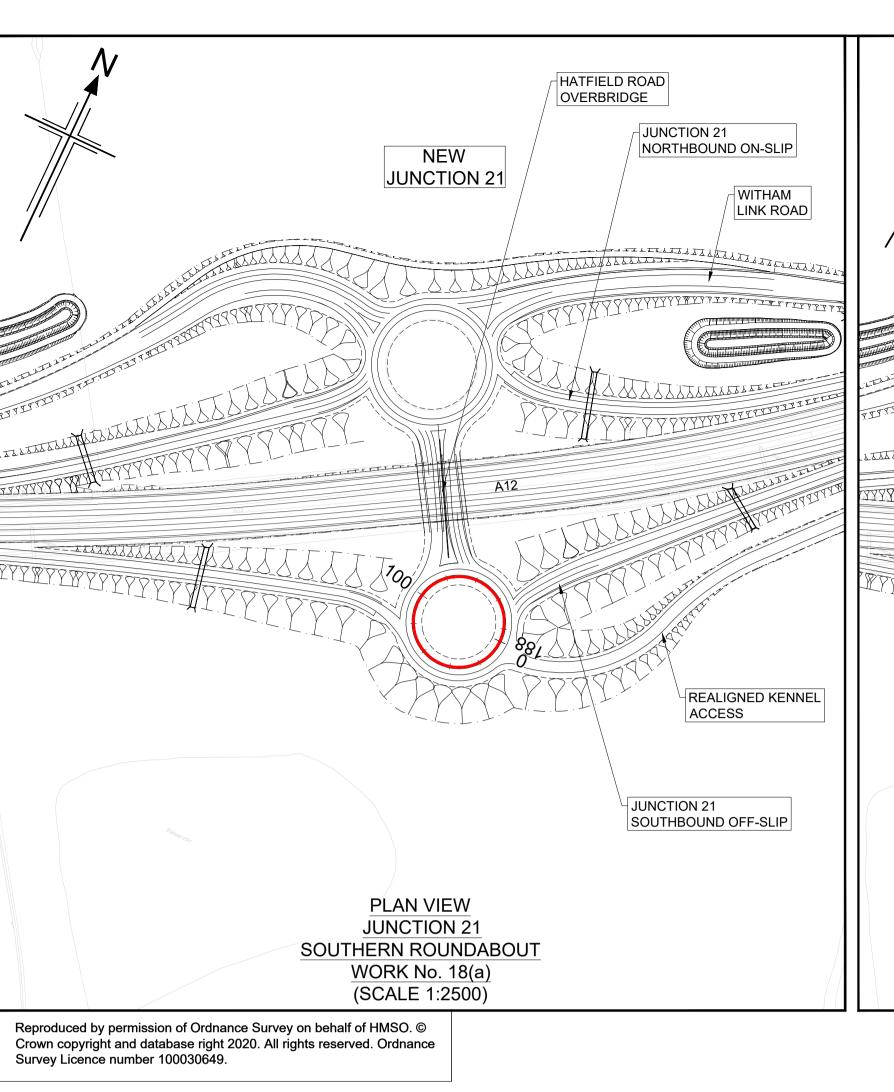
(SCALE H=1:2500, V =1:500)

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) | 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

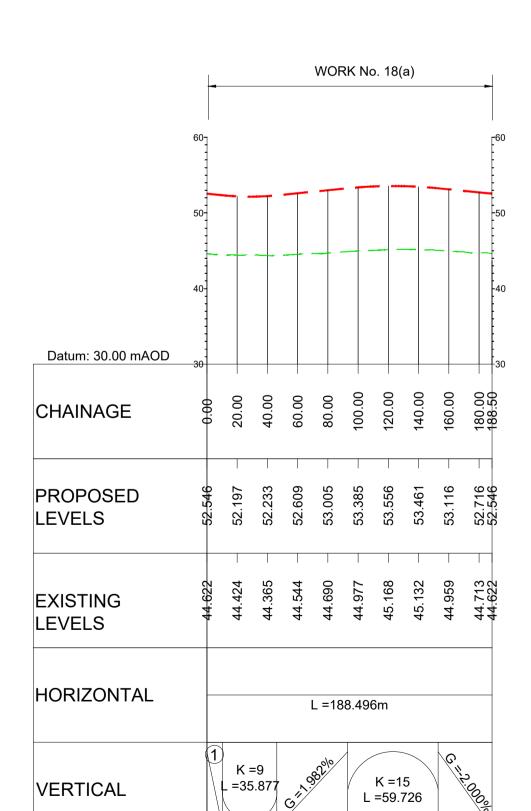
A12 CHELMSFORD TO A120 WIDENING SCHEME

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

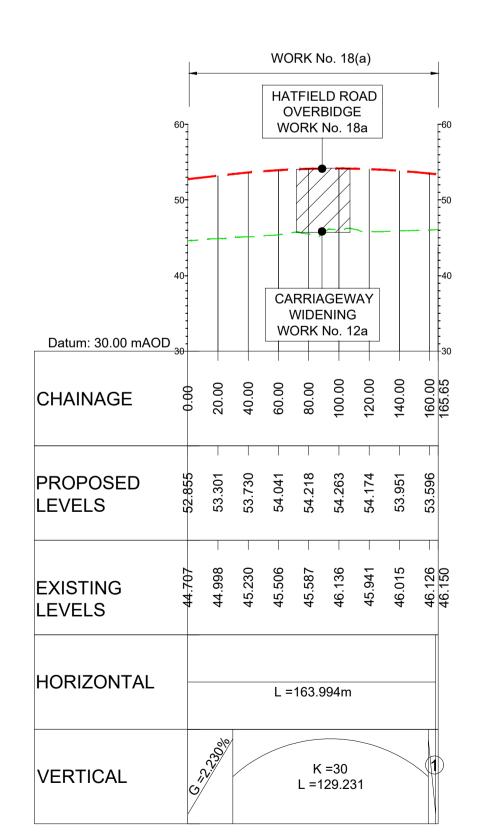
REGULATION 5(2)(o), 5(2)(p) & 6(2) DCO APPLICATION Purpose of issue State Code Drawing status Project Stage PCF3 S4 Scale at A1 (841x594mm) AS SHOWN P01

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)

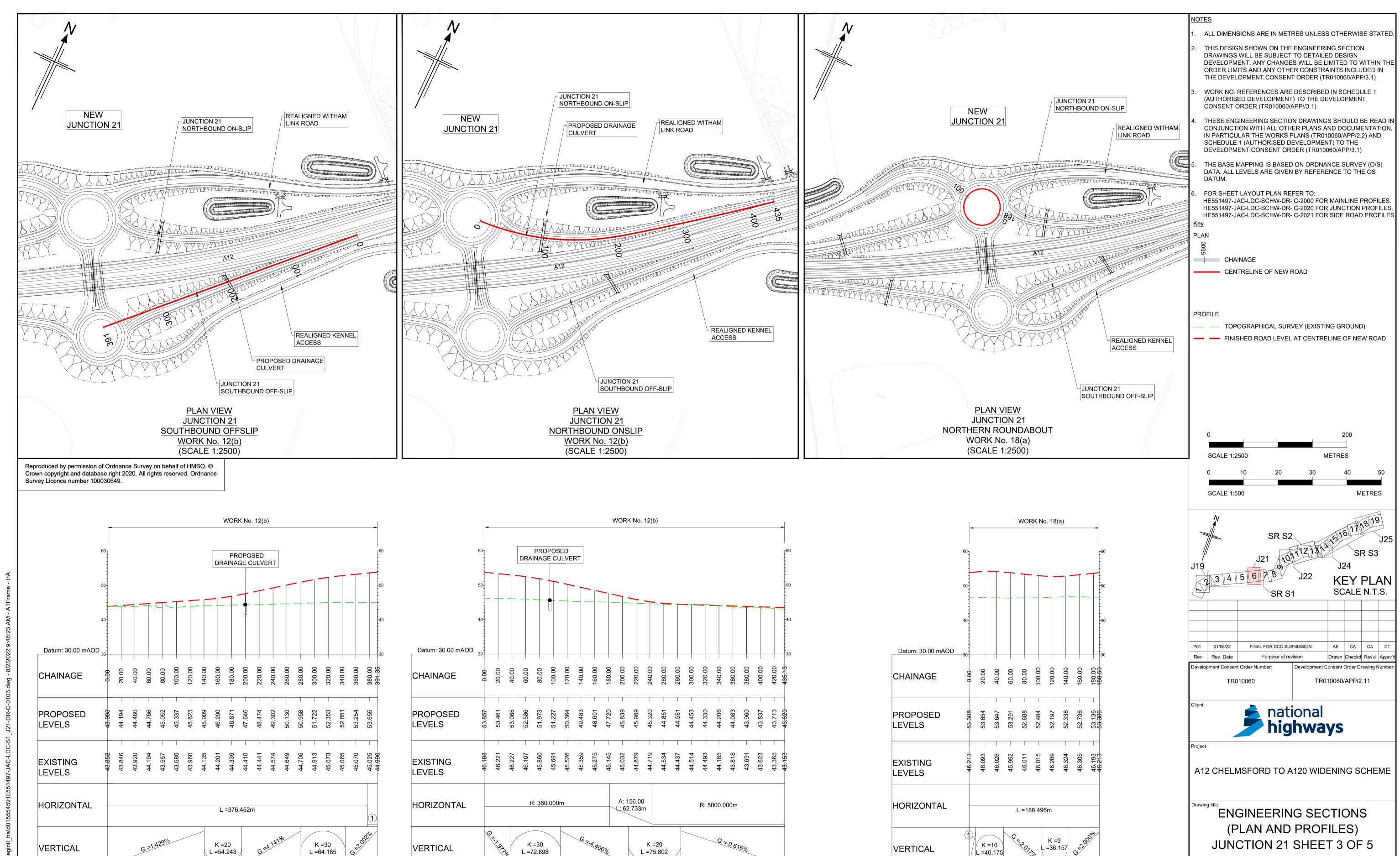


(1) G =-2.078% LONGITUDINAL SECTION **JUNCTION 21** ROUNDABOUT LINK (SCALE H=1:2500, V =1:500)

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

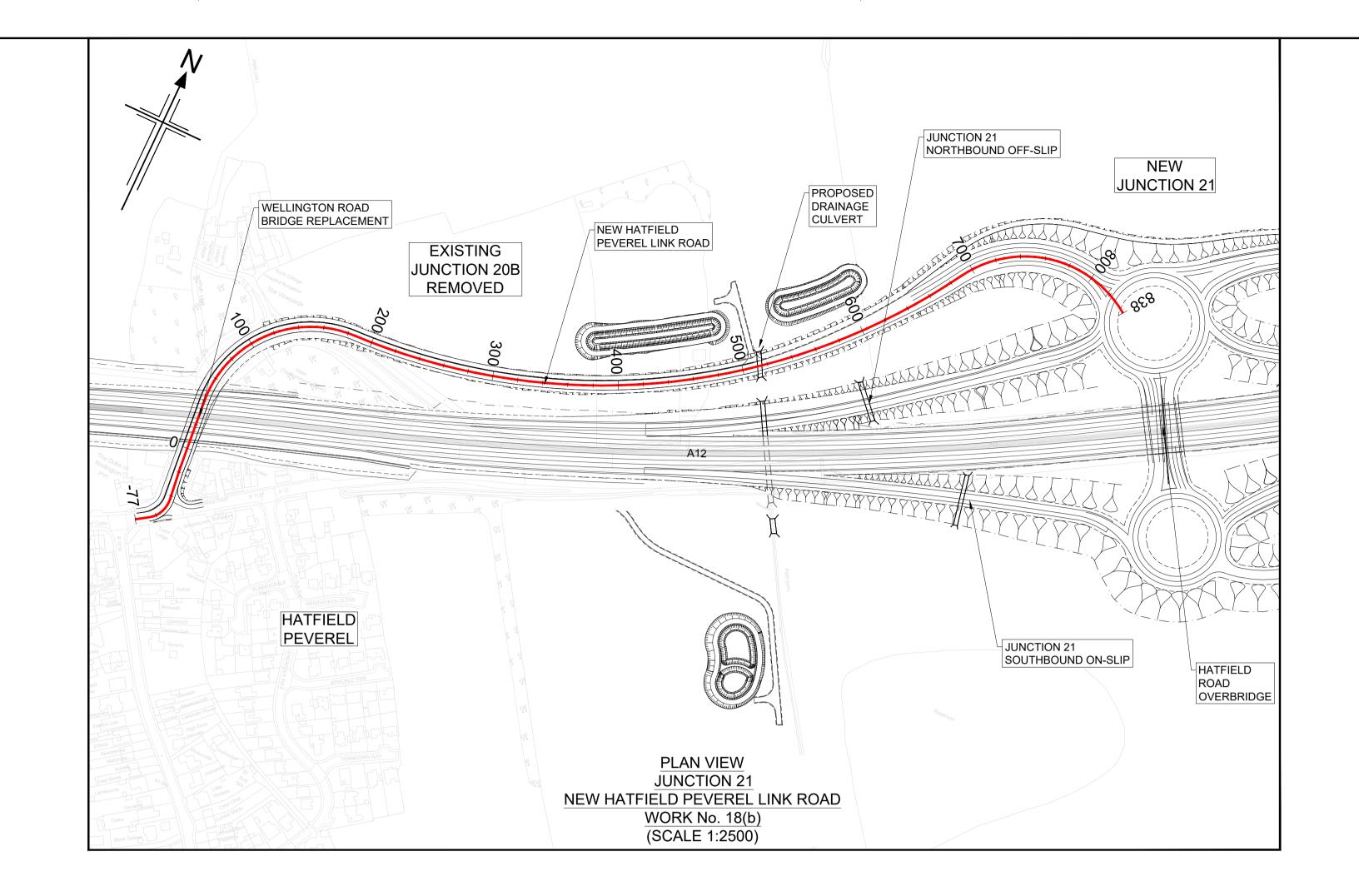
L =72.898

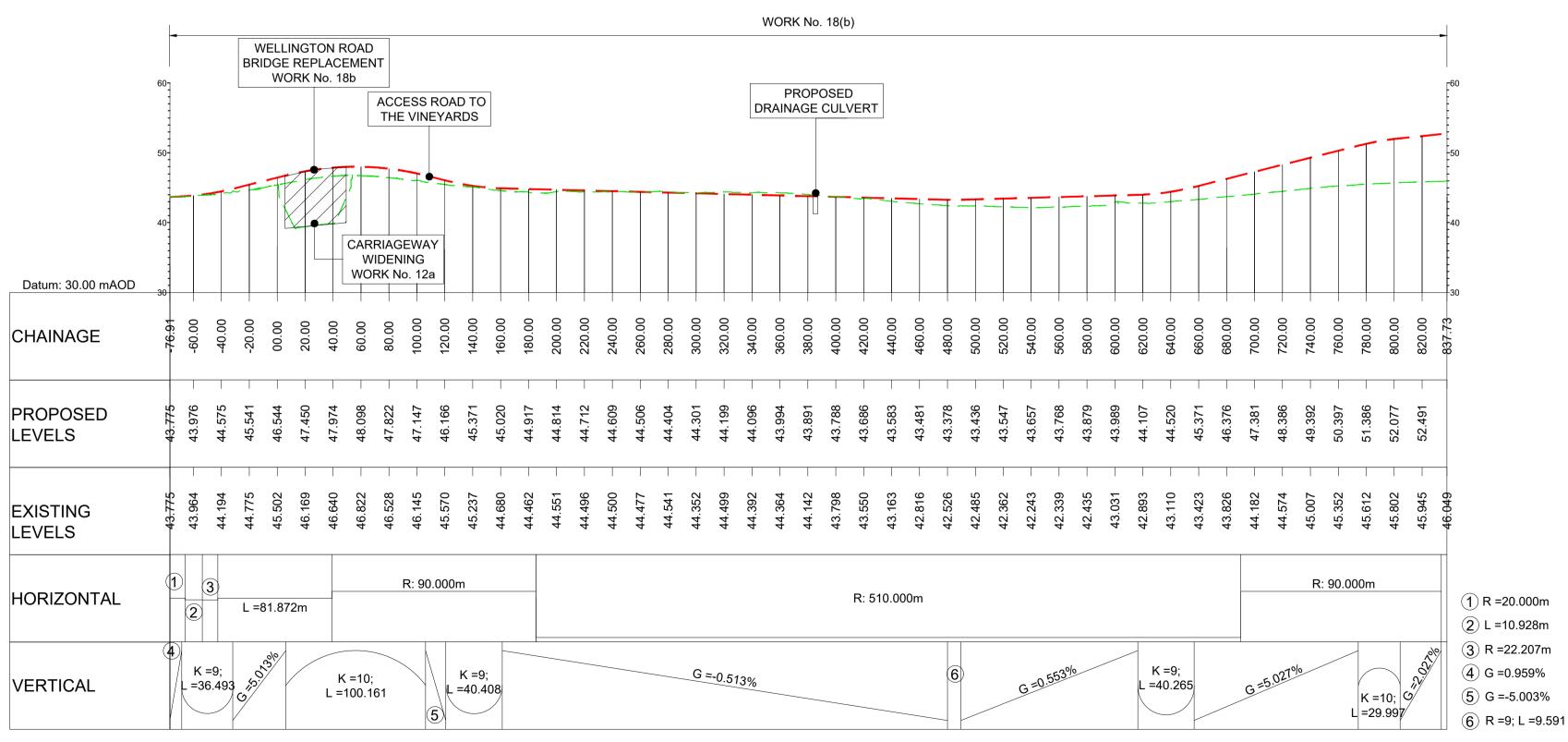
(1) G =2.000% LONGITUDINAL SECTION JUNCTION 21 NORTHERN ROUNDABOUT (SCALE H=1:2500, V =1:500)

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

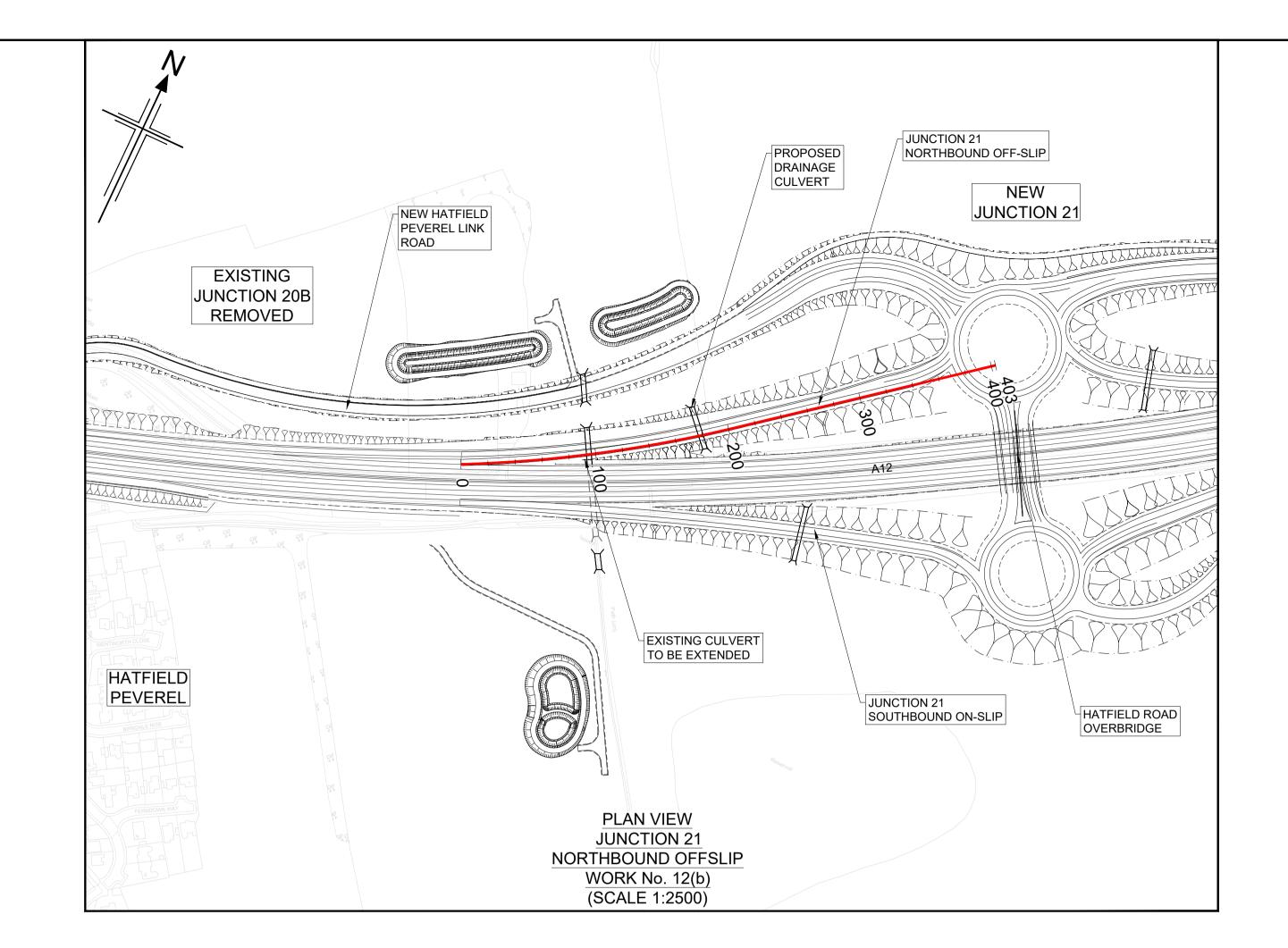
JUNCTION 21

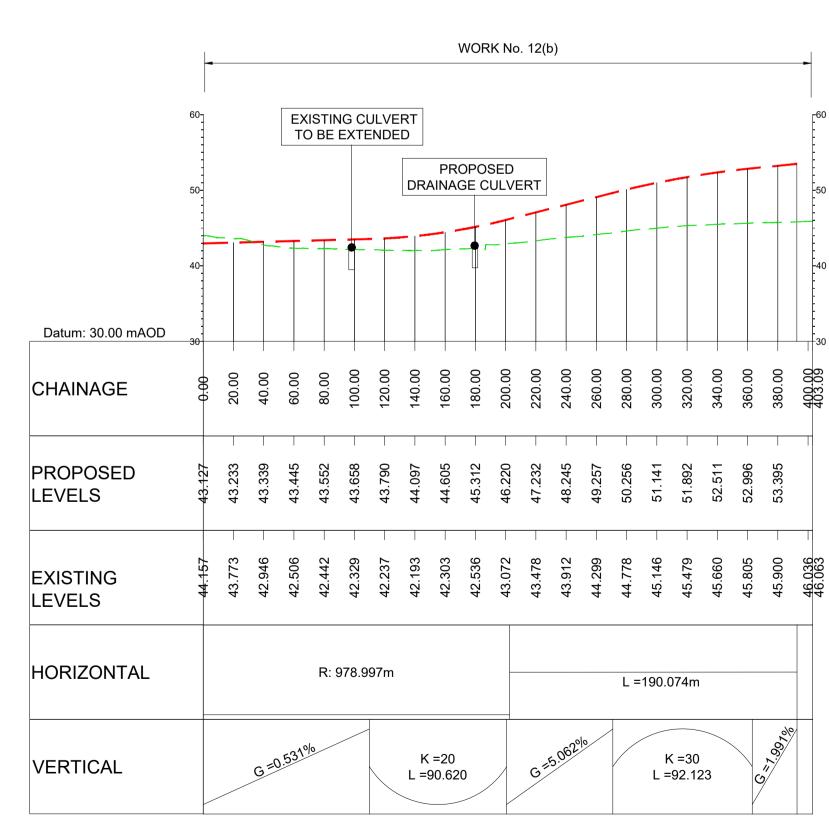
NEW HATFIELD PEVEREL LINK ROAD

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

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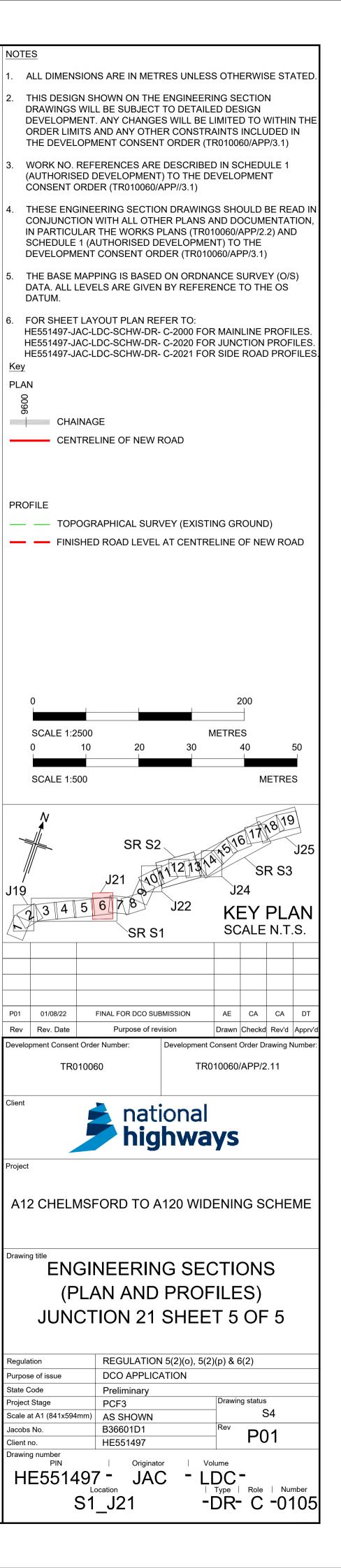
NOTES ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED. THIS DESIGN SHOWN ON THE ENGINEERING SECTION DRAWINGS WILL BE SUBJECT TO DETAILED DESIGN DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN THE DEVELOPMENT CONSENT ORDER (TR010060/APP/3.1)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

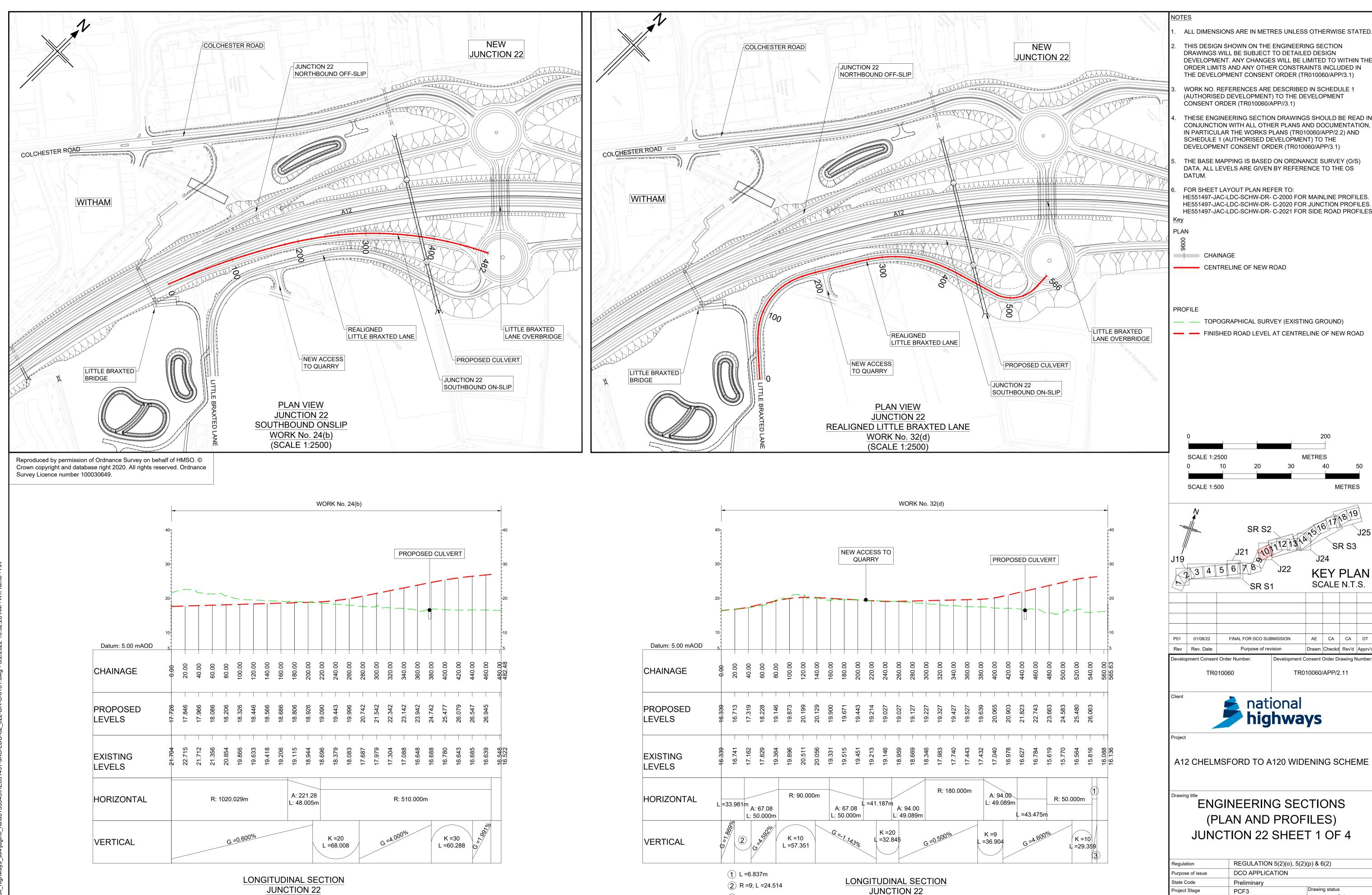




LONGITUDINAL SECTION
JUNCTION 21 - NORTHBOUND OFFSLIP
(SCALE H=1:2500, V =1:500)

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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

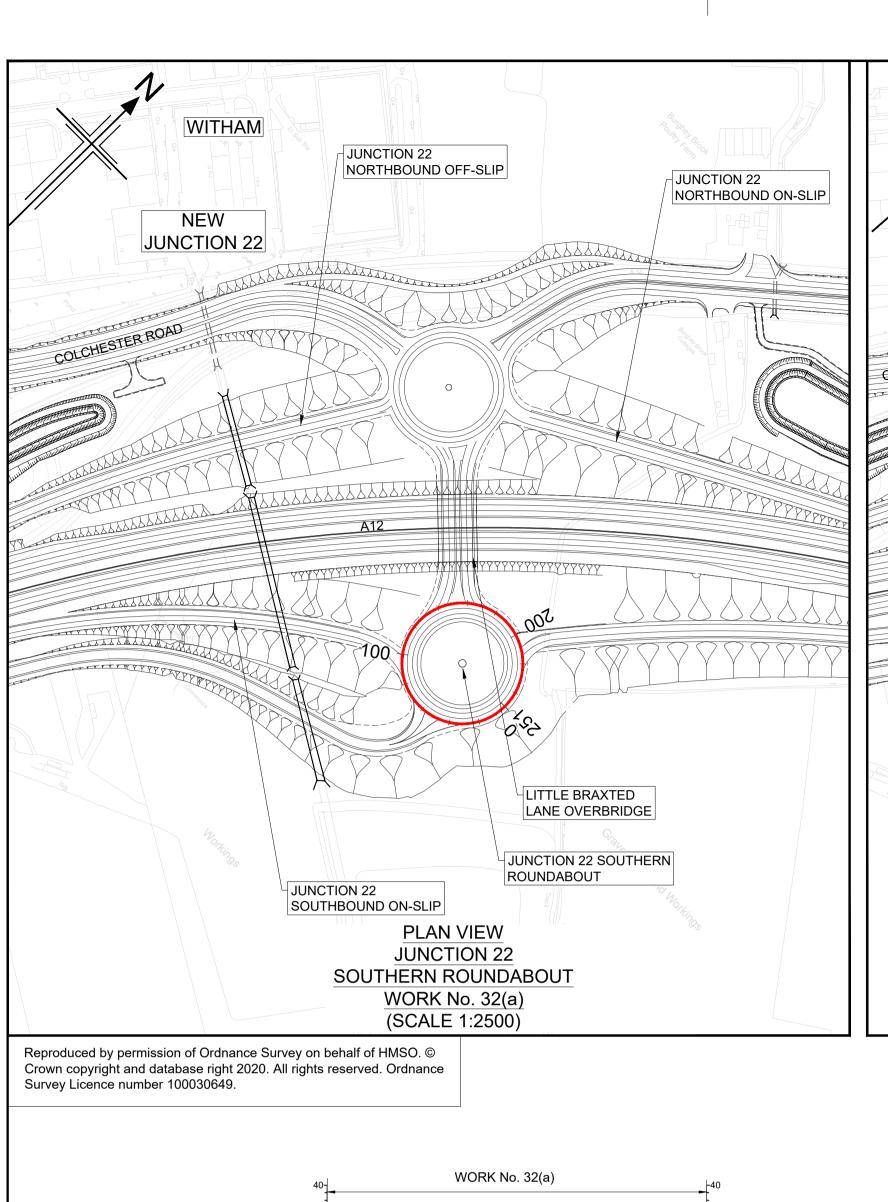
HE551497

S2_J22

C. Inwandring Section of Paydous Seal Section of Sectio

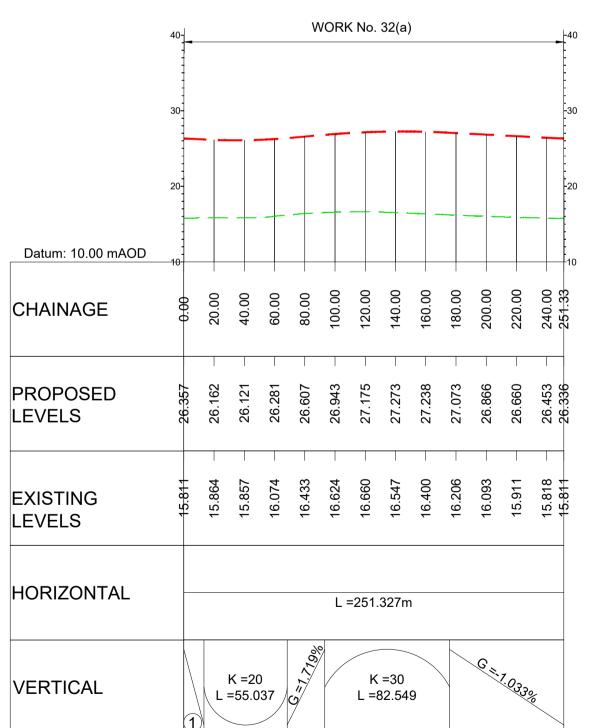
SOUTHBOUND ONSLIP

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



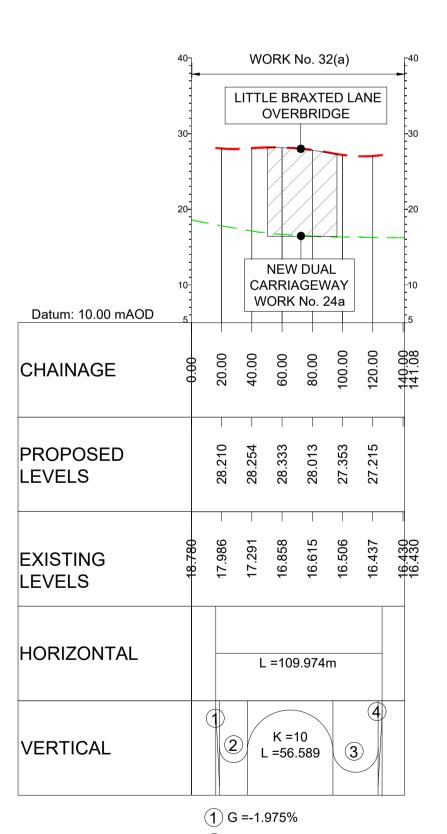
WITHAM LITTLE BRAXTED LANE OVERBRIDGE JUNCTION 22 NORTHBOUND OFF-SLIP JUNCTION 22 NORTHBOUND ON-SLIP NEW JUNCTION 22 TYPERE COLCHESTER ROAD JUNCTION 22 SOUTHBOUND OFF-SLIP JUNCTION 22 SOUTHBOUND ON-SLIP REALIGNED LITTLE BRAXTED LANE **PLAN VIEW JUNCTION 22** ROUNDABOUT LINK WORK No. 32(a) (SCALE 1:2500)

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)

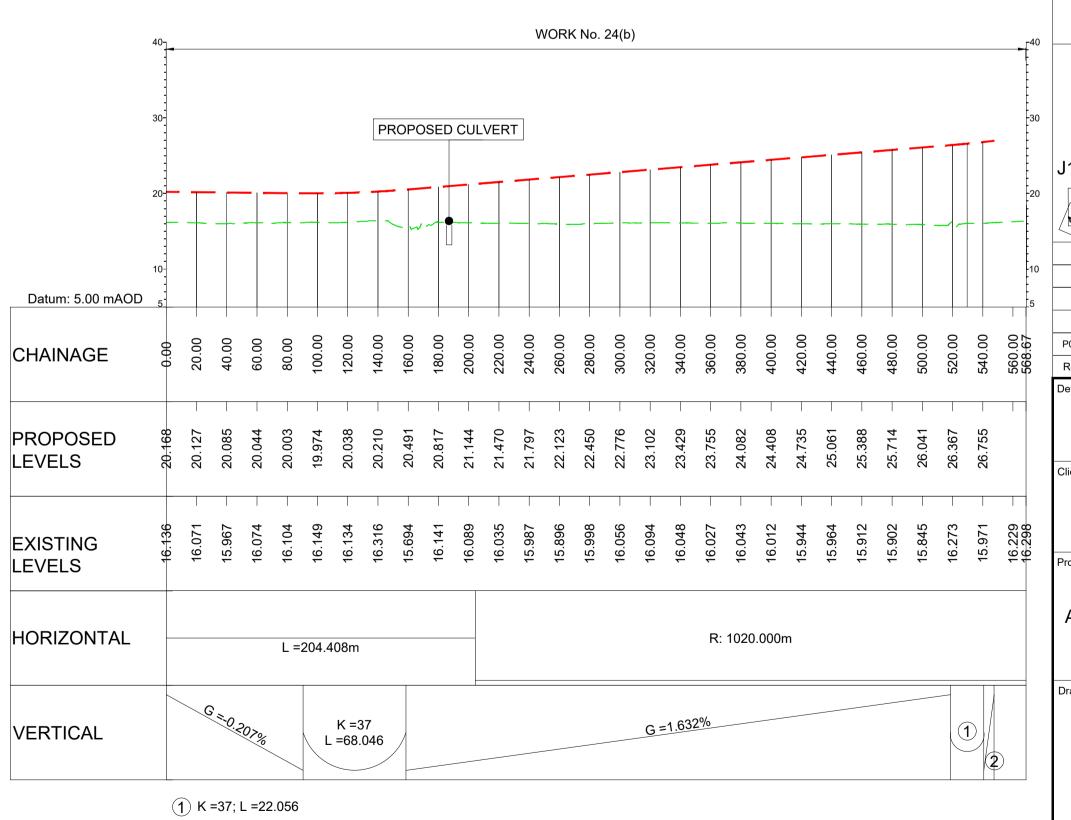


LONGITUDINAL SECTION **JUNCTION 22** SOUTHERN ROUNDABOUT (SCALE H=1:2500, V =1:500)

(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

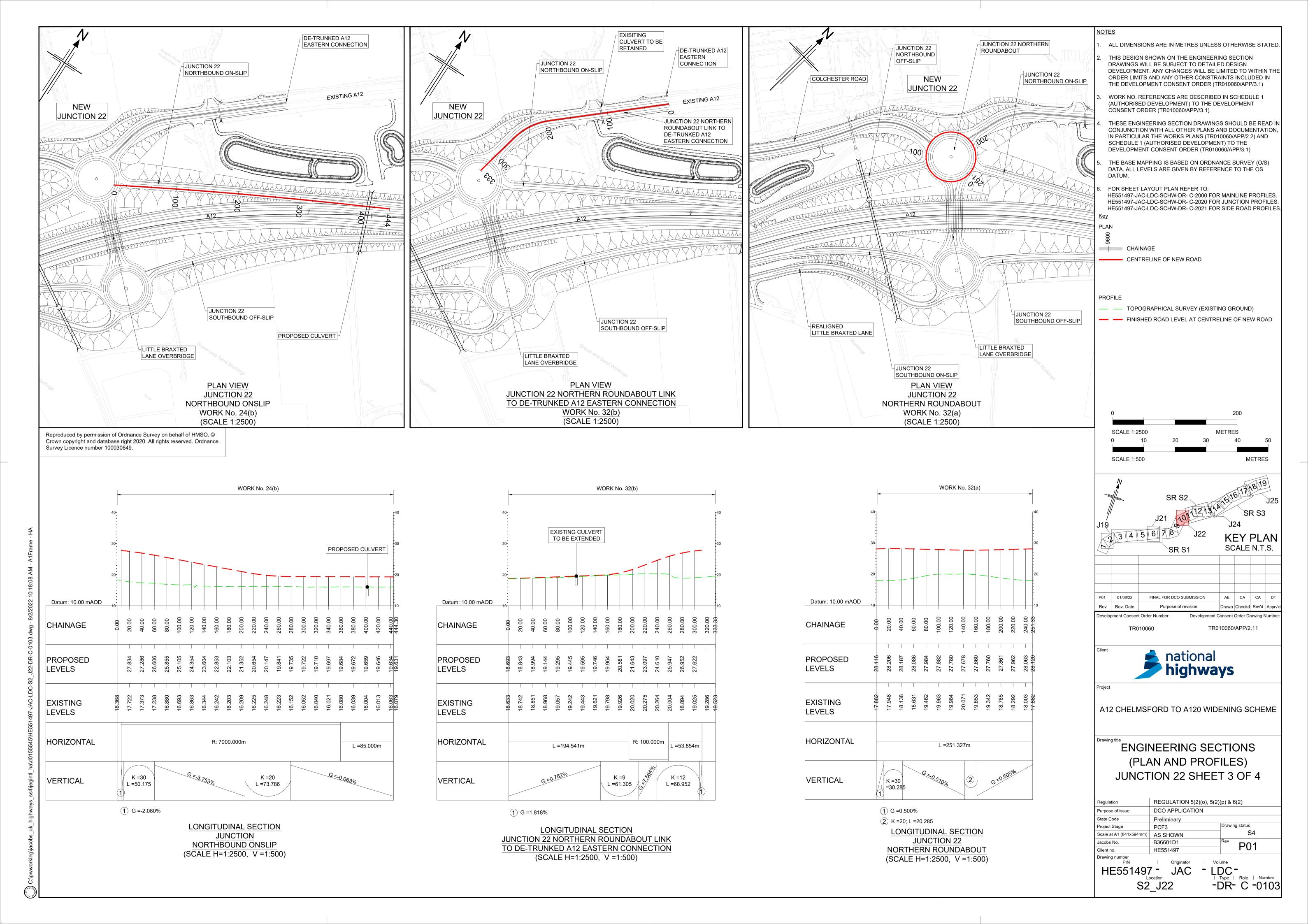
A12 CHELMSFORD TO A120 WIDENING SCHEME

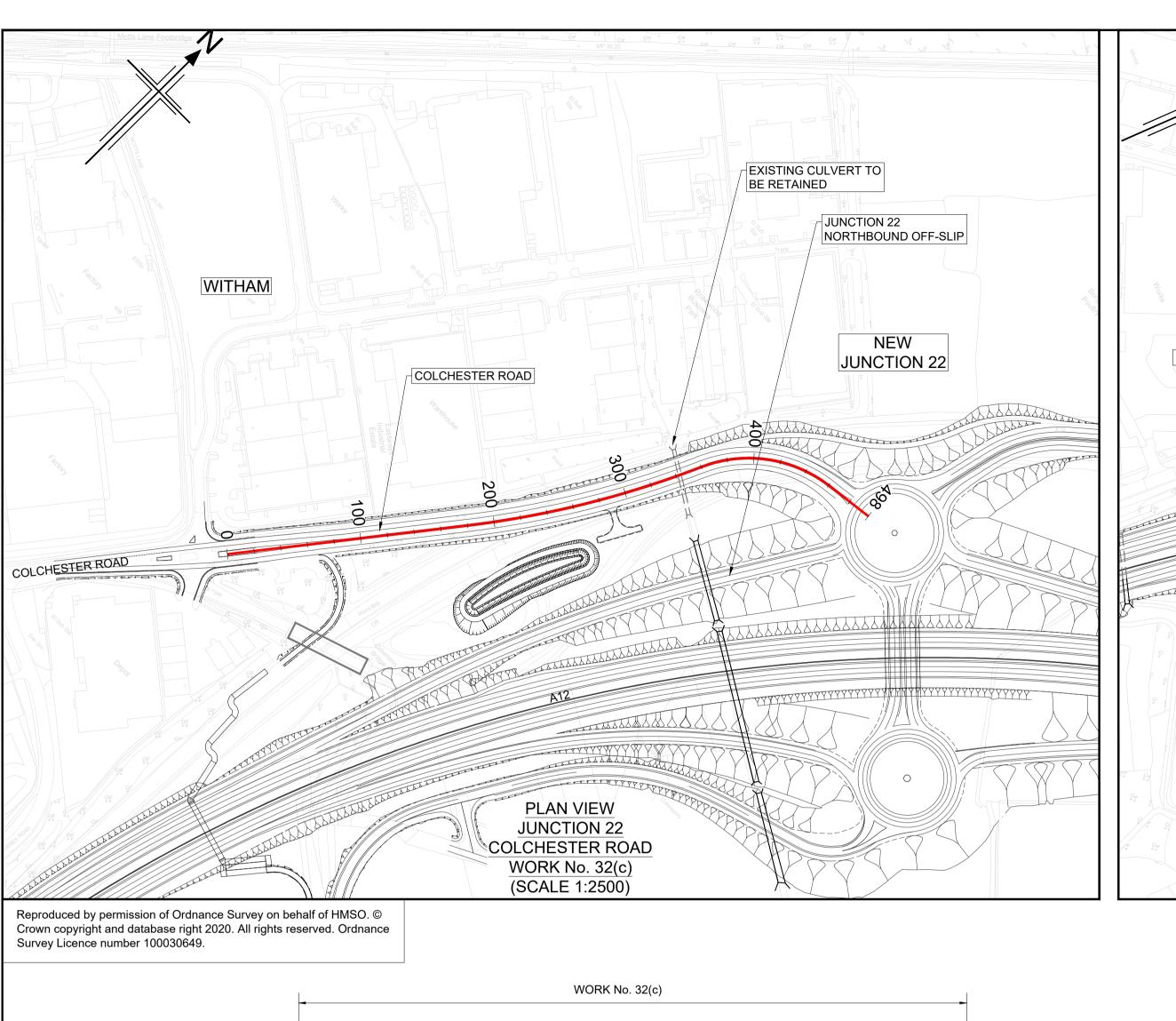
ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 22 SHEET 2 OF 4

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.

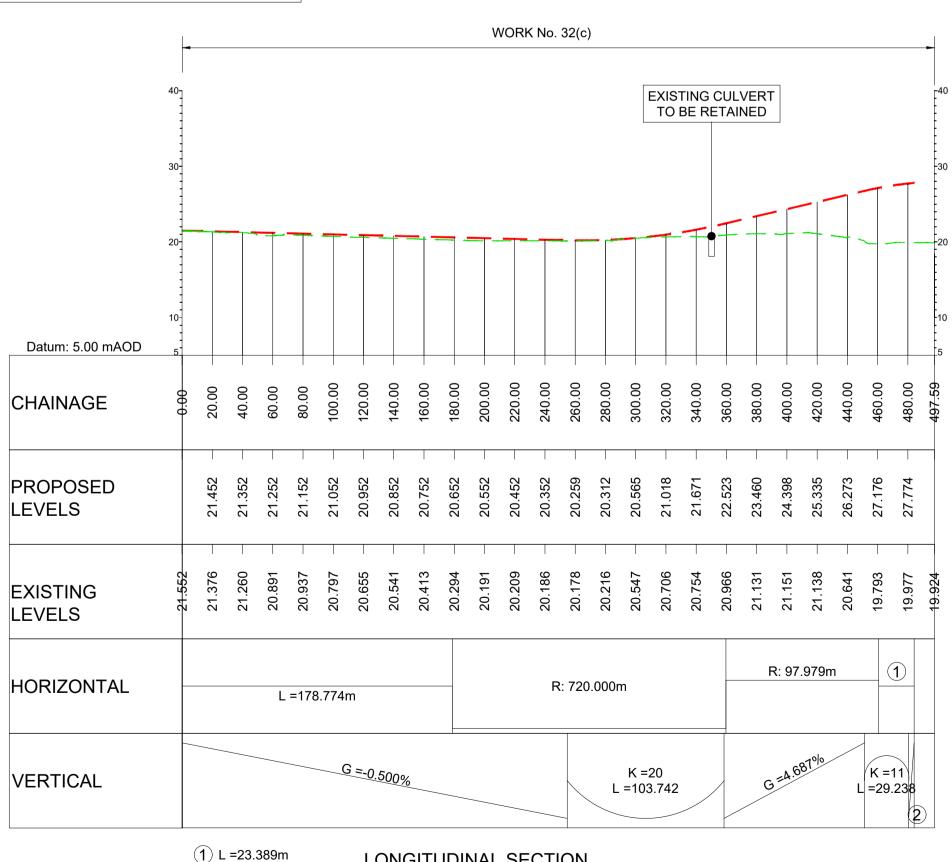
S2_J22

- 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)



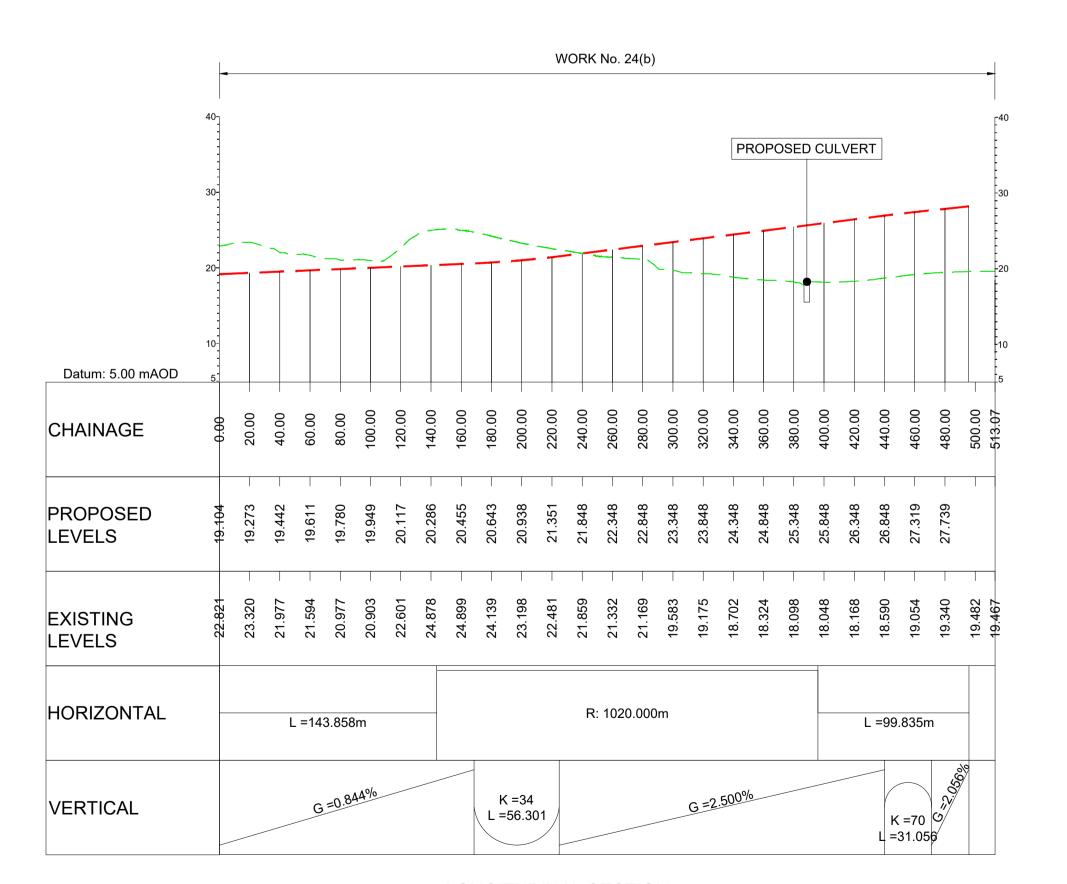
LONGITUDINAL SECTION

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)

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

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

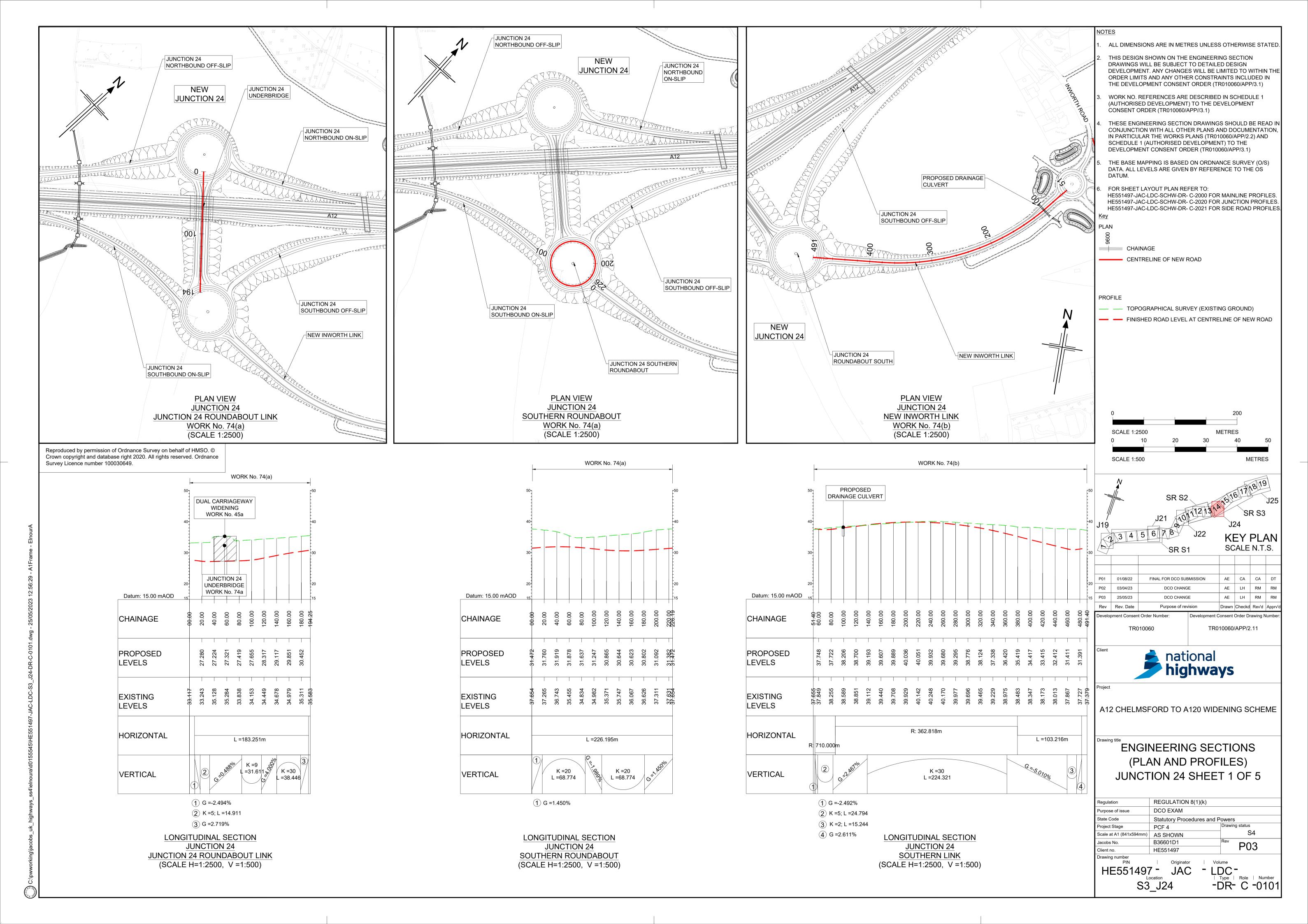


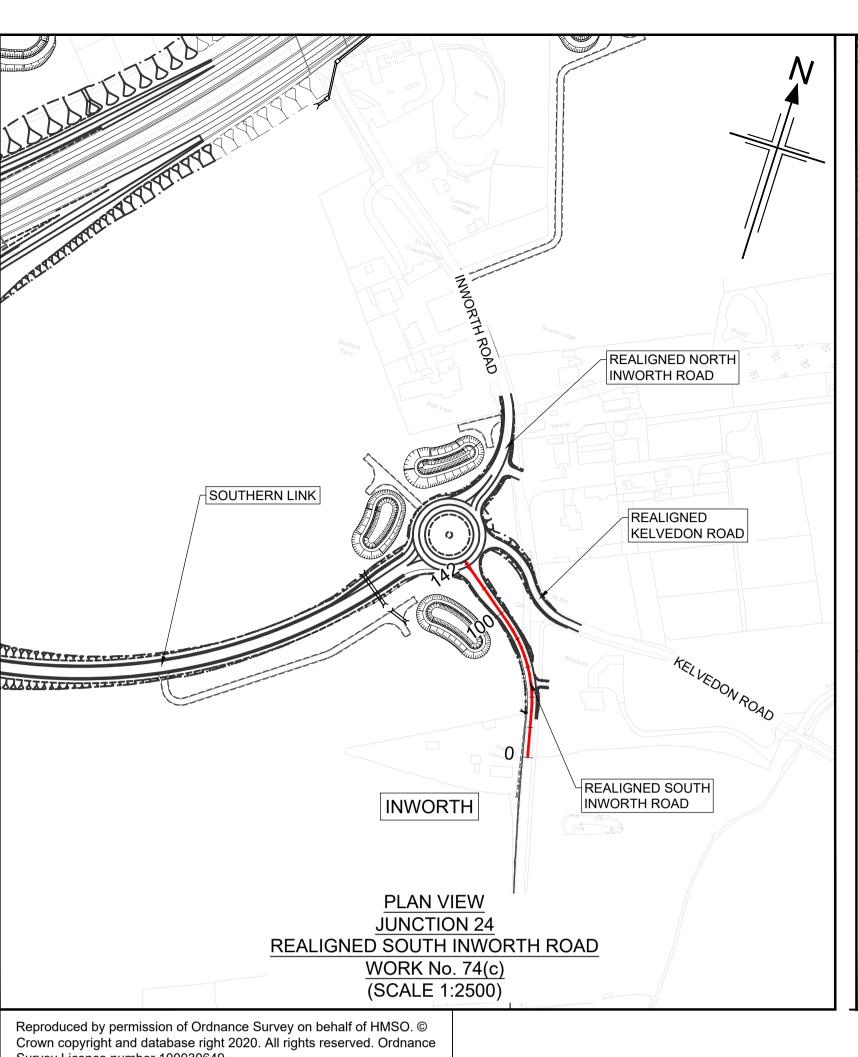
A12 CHELMSFORD TO A120 WIDENING SCHEME

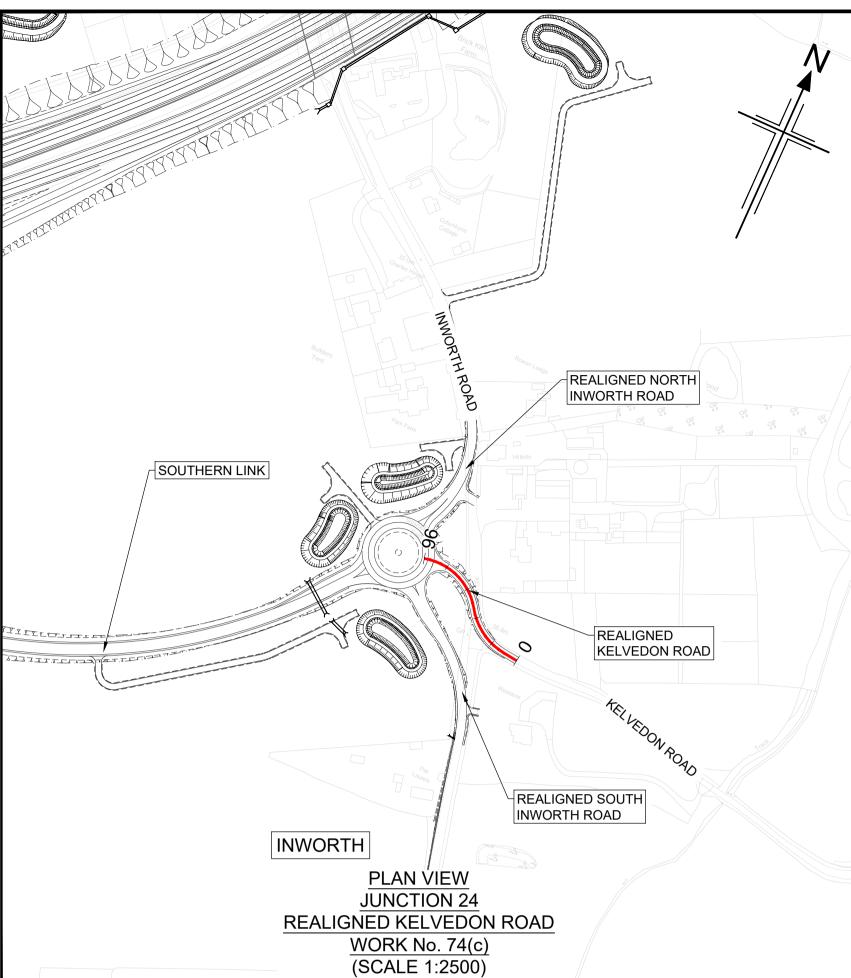
ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 22 SHEET 4 OF 4

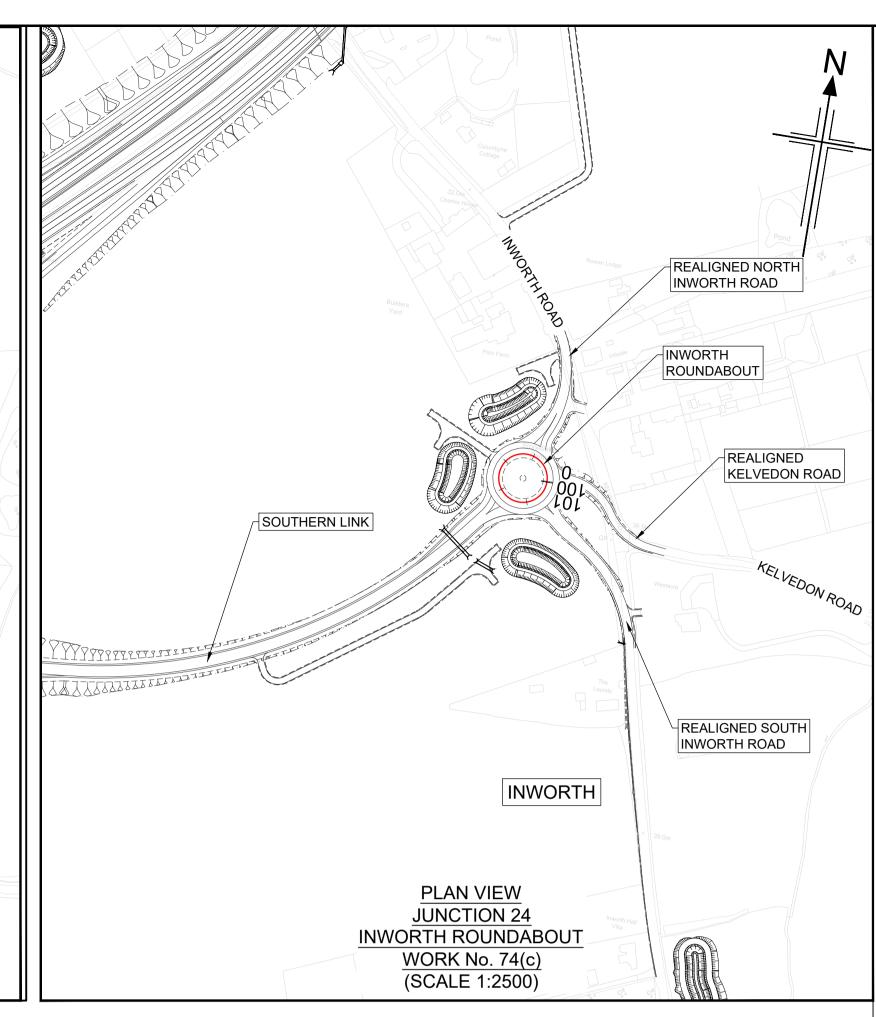
| Regulation | REGULATION 5(2)(| o), 5(2)(p) & 6(2) |
|-------------------------|------------------|--------------------|
| Purpose of issue | DCO APPLICATION | I |
| State Code | Preliminary | |
| Project Stage | PCF3 | Drawing status |
| Scale at A1 (841x594mm) | AS SHOWN | S4 |
| Jacobs No. | B36601D1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

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









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

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

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)

THESE ENGINEERING SECTION DRAWINGS SHOULD BE READ IN

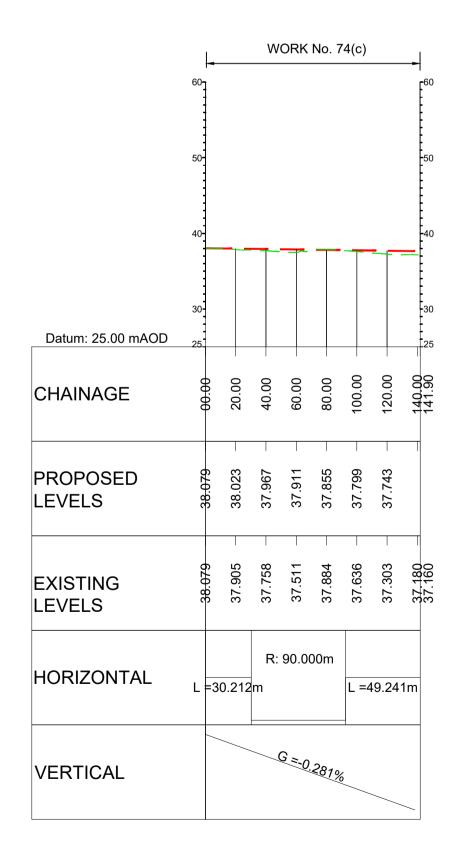
CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION

WORK NO. REFERENCES ARE DESCRIBED IN SCHEDULE 1 (AUTHORISED DEVELOPMENT) TO THE DEVELOPMENT

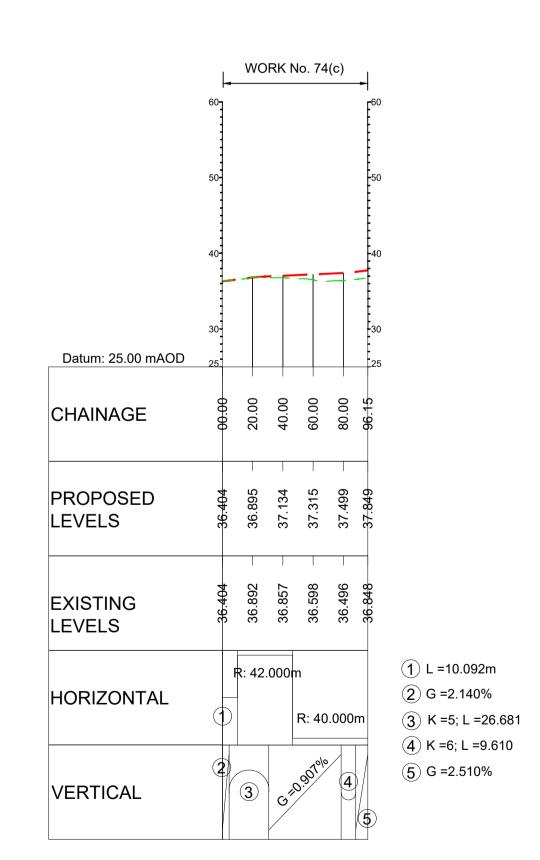
CONSENT ORDER (TR010060/APP//3.1)

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

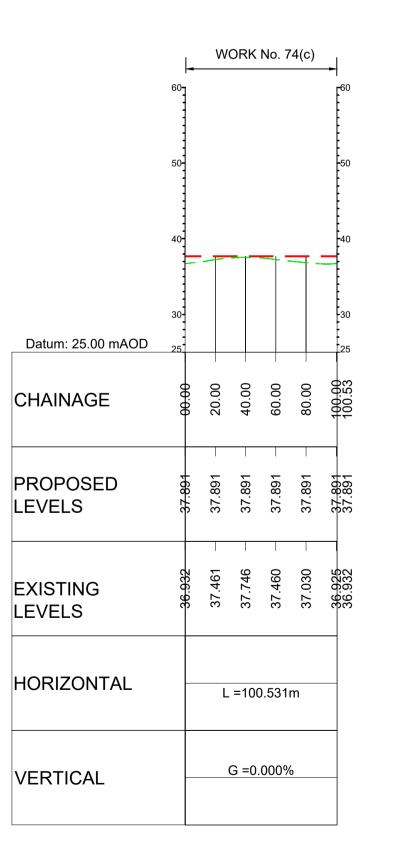
Survey Licence number 100030649.



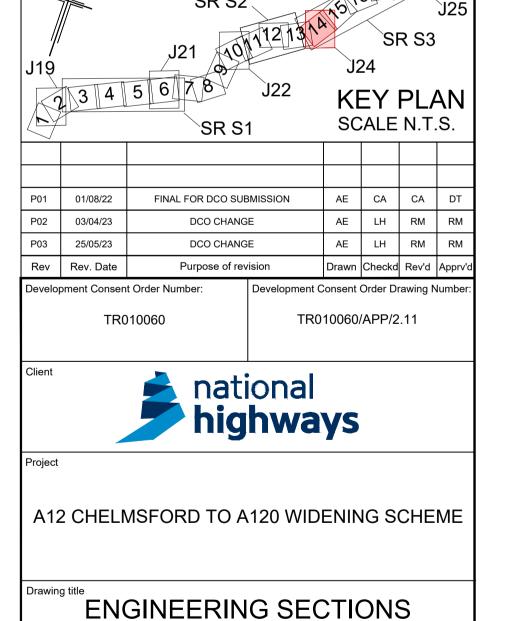
LONGITUDINAL SECTION **JUNCTION 24** REALIGNED SOUTH INWORTH ROAD (SCALE H=1:2500, V =1:500)

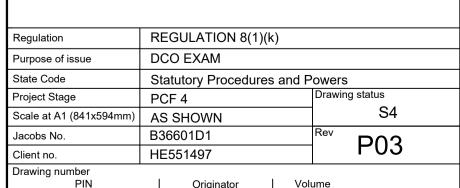


LONGITUDINAL SECTION **JUNCTION 24** REALIGNED KELVEDON ROAD (SCALE H=1:2500, V =1:500)



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

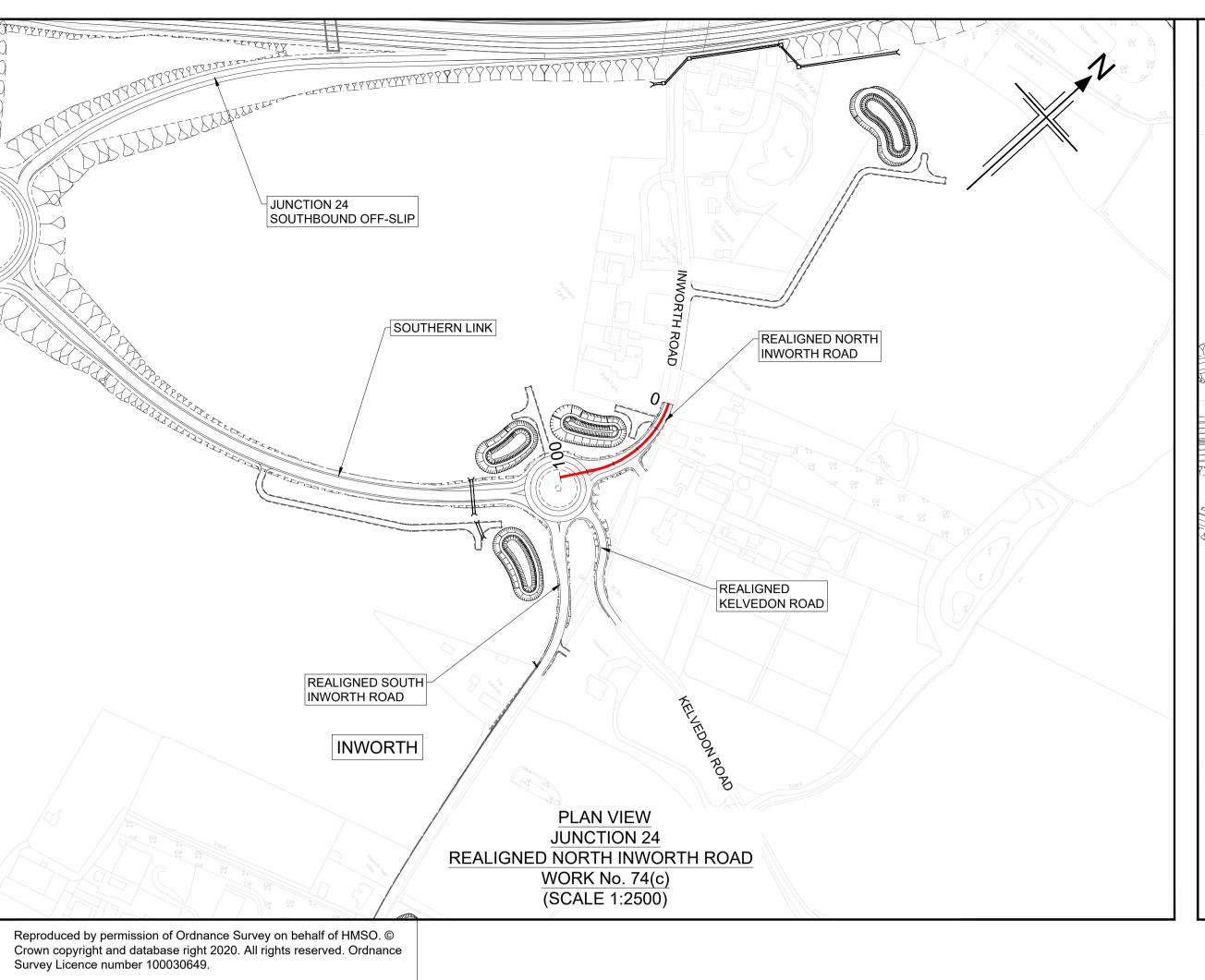




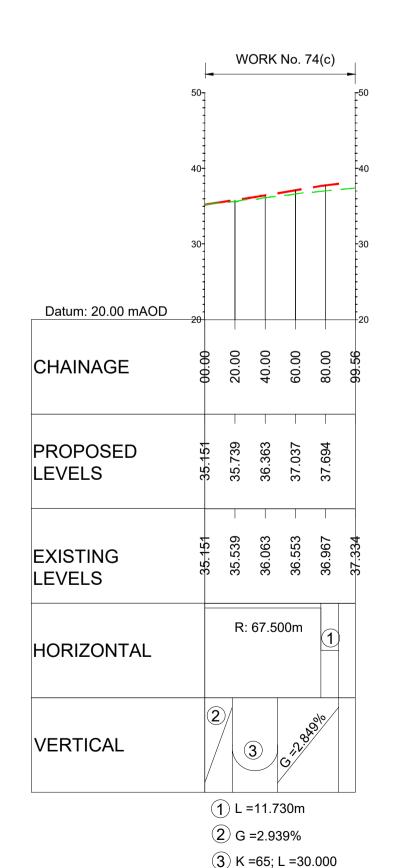
(PLAN AND PROFILES)

JUNCTION 24 SHEET 2 OF 5

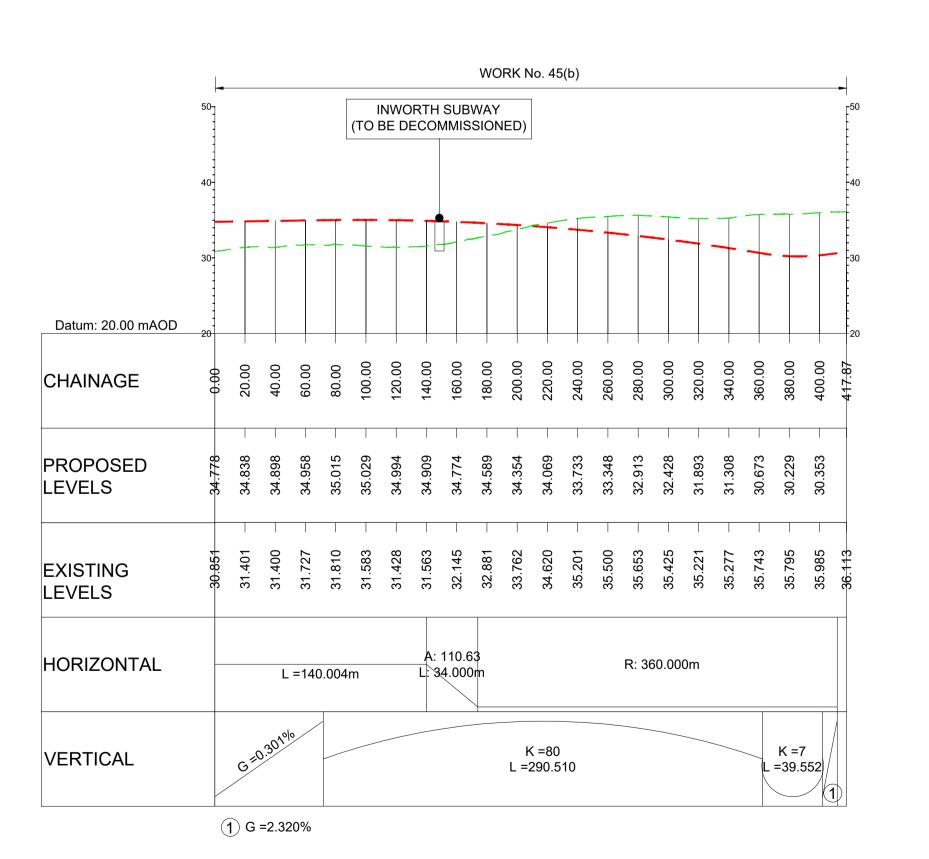
HE551497 - JAC - LDC -| Type | Role | Number S3_J24 -DR- C -0102



PARK BRIDGE JUNCTION 24 NORTHBOUND ON-SLIP (TO BE WIDENED) INWORTH SUBWAY (TO BE DECOMMISSIONED) JUNCTION 24 PROFILE SOUTHBOUND OFF-SLIP FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD NEW **JUNCTION 24** PLAN VIEW **JUNCTION 24** SOUTHBOUND OFFSLIP WORK No. 45(b) (SCALE 1:2500)



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 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

- TOPOGRAPHICAL SURVEY (EXISTING GROUND)

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

2 3 4 5 6 7 8 **KEY PLAN** SCALE N.T.S. FINAL FOR DCO SUBMISSION AE CA CA P02 03/04/23 DCO CHANGE Rev Rev. Date Purpose of revision Drawn Checkd Rev'd Appr Development Consent Order Number: **Development Consent Order Drawing Number**

TR010060

national **highways**

A12 CHELMSFORD TO A120 WIDENING SCHEME

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

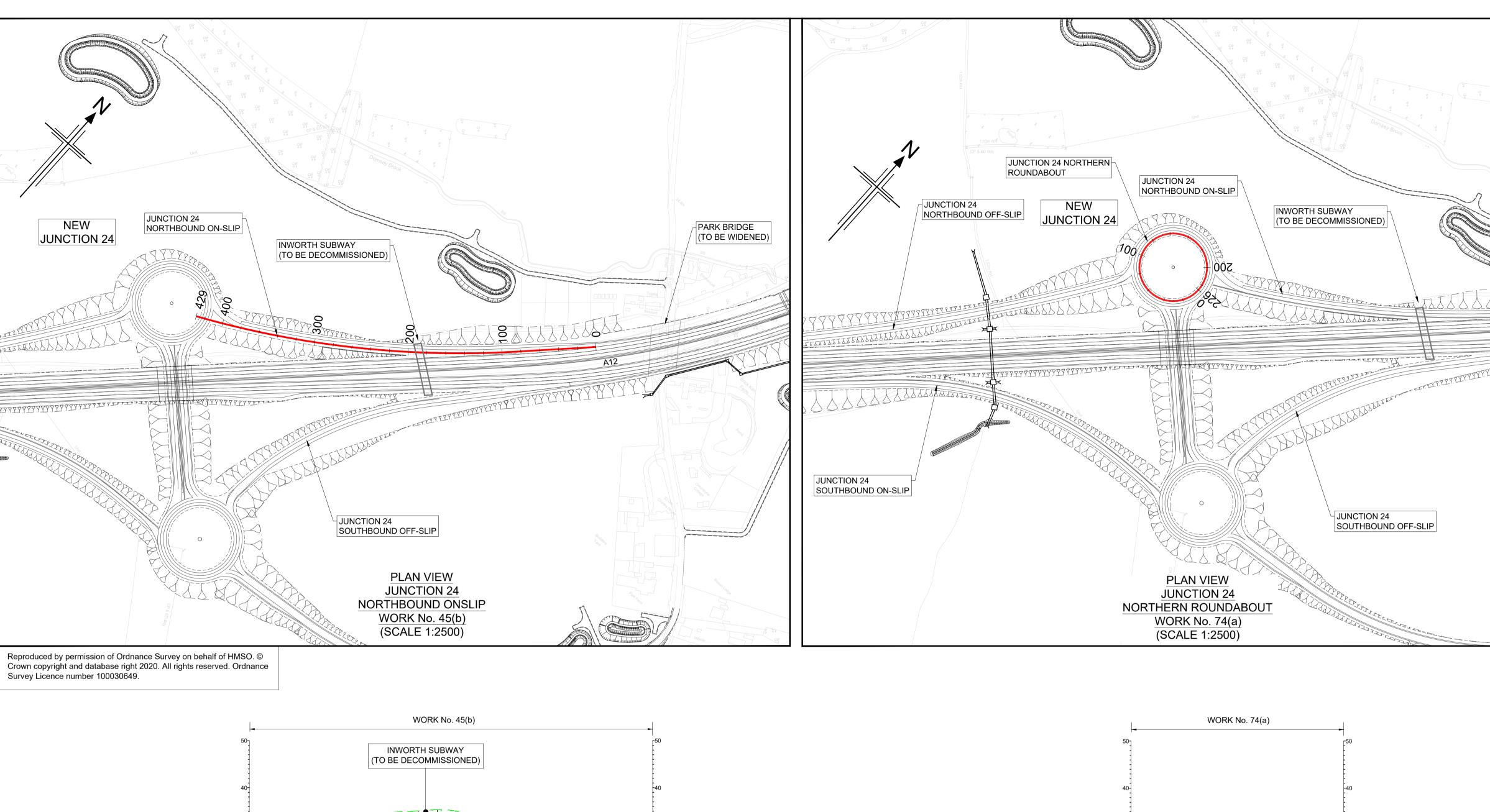
REGULATION 8(1)(k) DCO EXAM Purpose of issue Statutory Procedures and Powers

Drawing status State Code Project Stage PCF 4 Scale at A1 (841x594mm) AS SHOWN B36601D1 P03 HE551497 Client no.

S3_J24

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

TR010060/APP/2.11



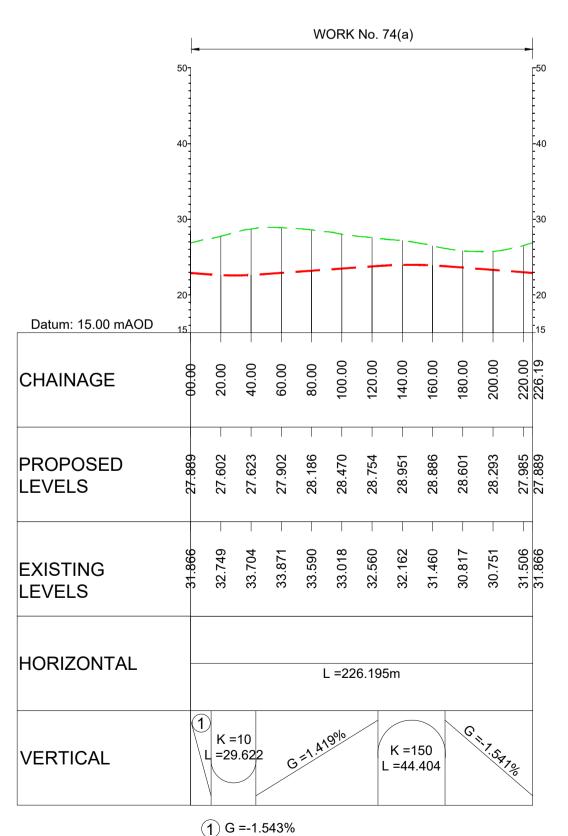
Datum: 15.00 mAOD CHAINAGE PROPOSED LEVELS **EXISTING** LEVELS HORIZONTAL R: 1020.000m L =85.000m K = 20 (%) (2) (2) K =80 K =32 /L =30.578 VERTICAL L =166.461 (1) G =1.219% 2 K =4; L =16.501 LONGITUDINAL SECTION

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

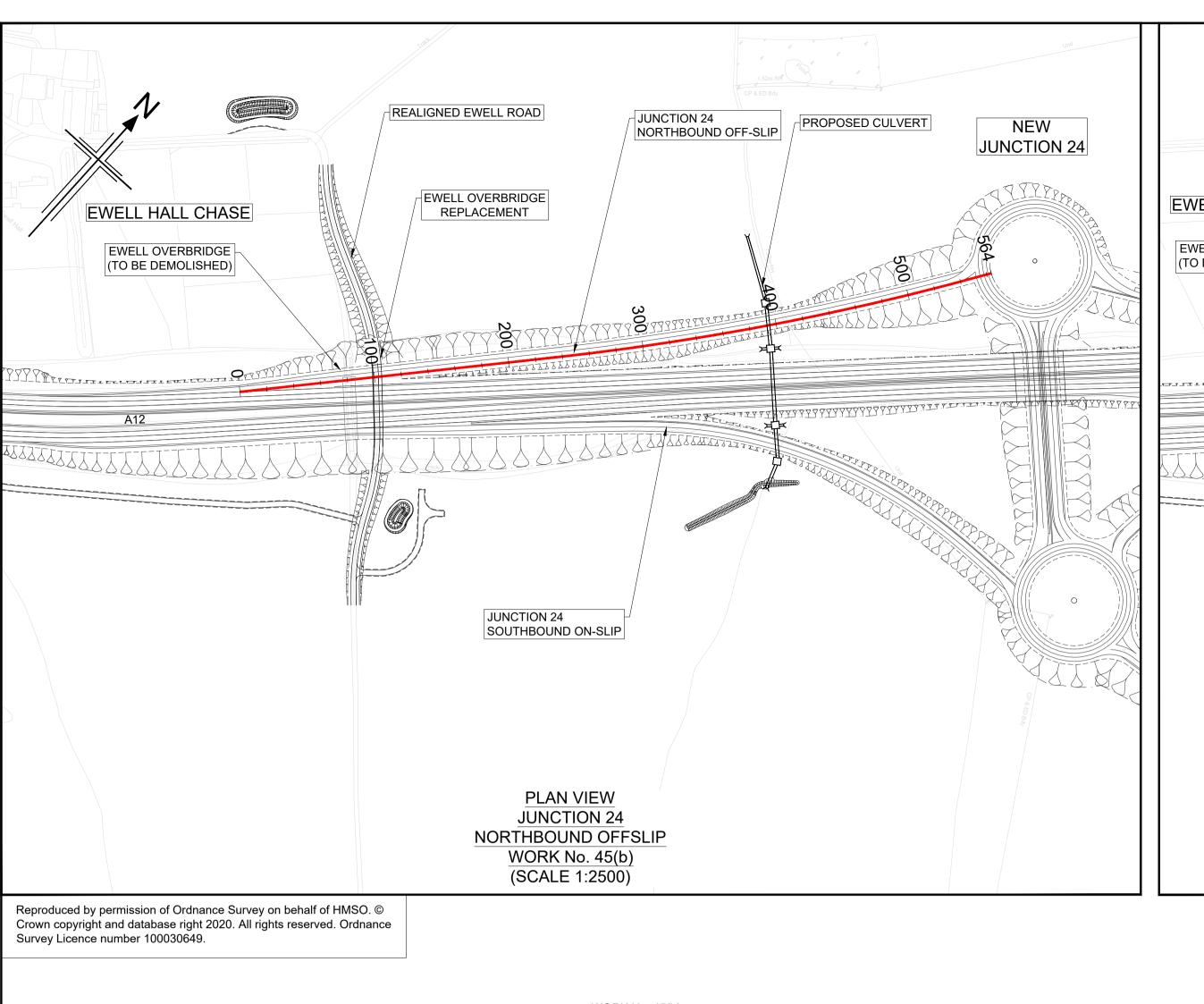
A12 CHELMSFORD TO A120 WIDENING SCHEME

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

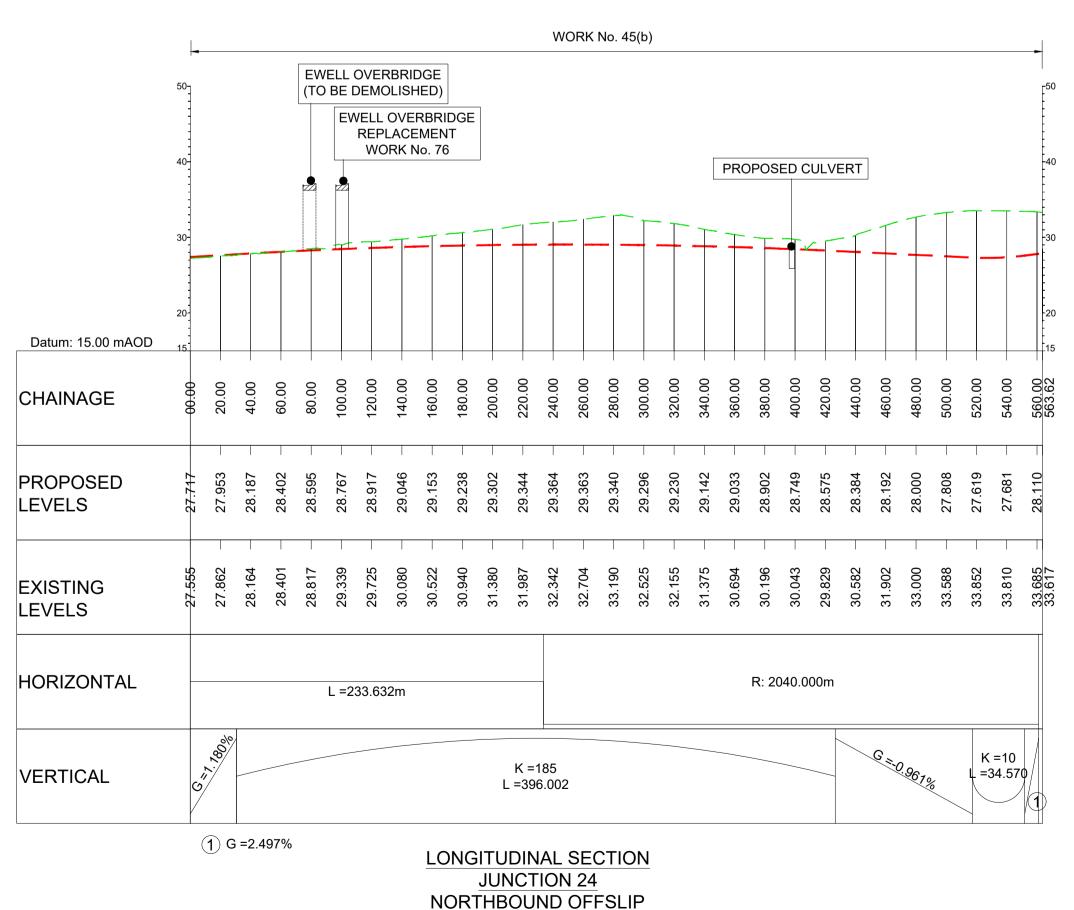
| Regulation | REGULATION 5(2)(o), 5(2)(p) & 6(2) | |
|-------------------------|------------------------------------|----------------|
| Purpose of issue | DCO APPLICATION | |
| State Code | Preliminary | |
| Project Stage | PCF3 | Drawing status |
| Scale at A1 (841x594mm) | AS SHOWN | S4 |
| Jacobs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

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

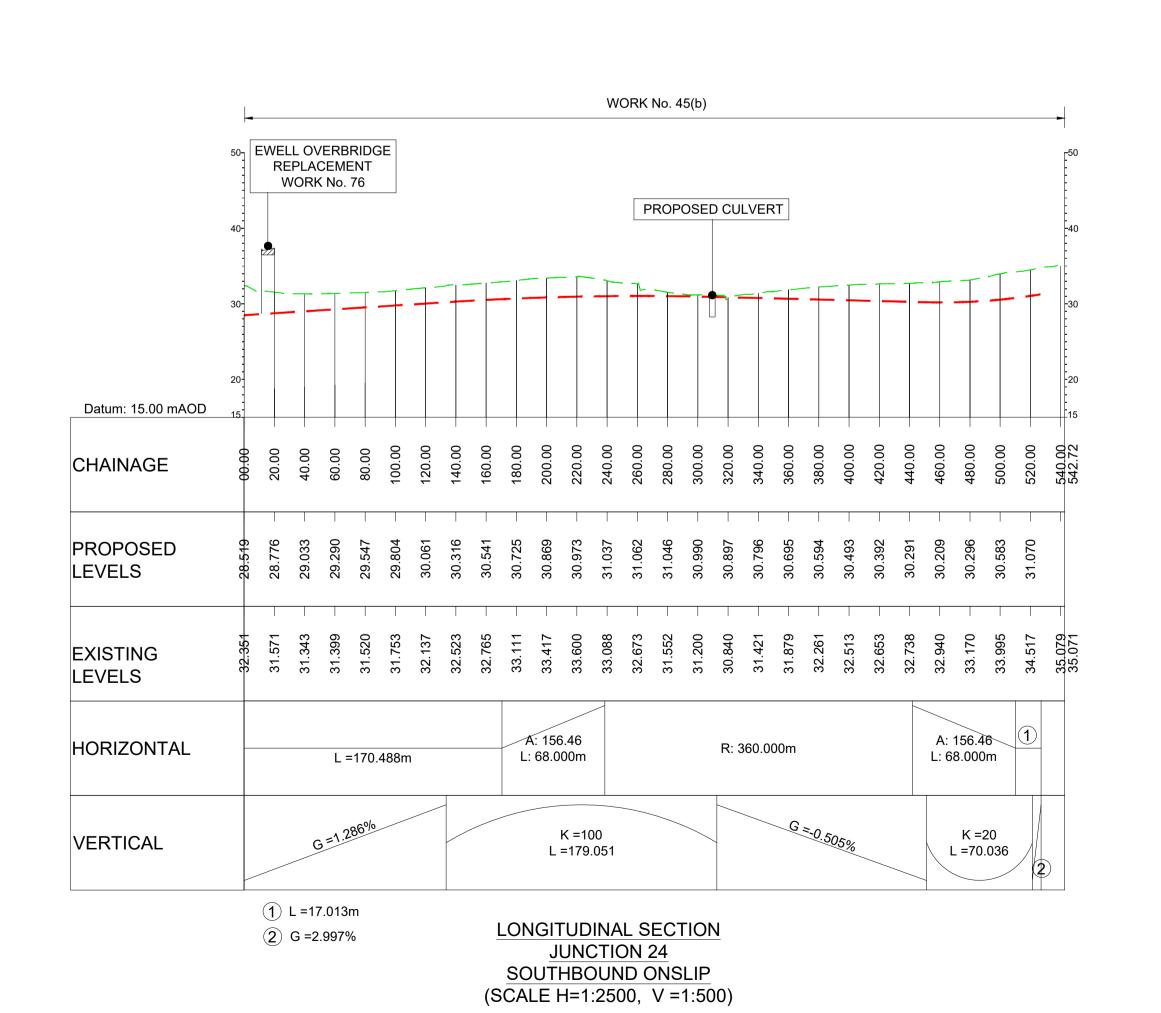
ghways_ss4\jegintl_ha\d0155545\HE551497-JAC-LDC-S3_J24-DR-C-0104.dwg - 8/2/2022 10:56:12 AM - A1Frar



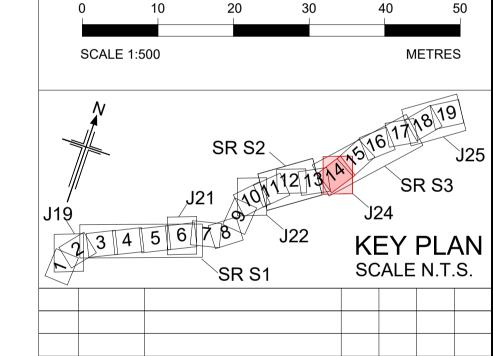
REALIGNED EWELL ROAD NEW **JUNCTION 24** JUNCTION 24 EWELL OVERBRIDGE **EWELL HALL CHASE** NORTHBOUND OFF-SLIP REPLACEMENT EWELL OVERBRIDGE (TO BE DEMOLISHED) 111111111111111 **JUNCTION 24** SOUTHBOUND ON-SLIP PROPOSED CULVERT **PLAN VIEW JUNCTION 24** SOUTHBOUND ONSLIP WORK No. 45(b) (SCALE 1:2500)



(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

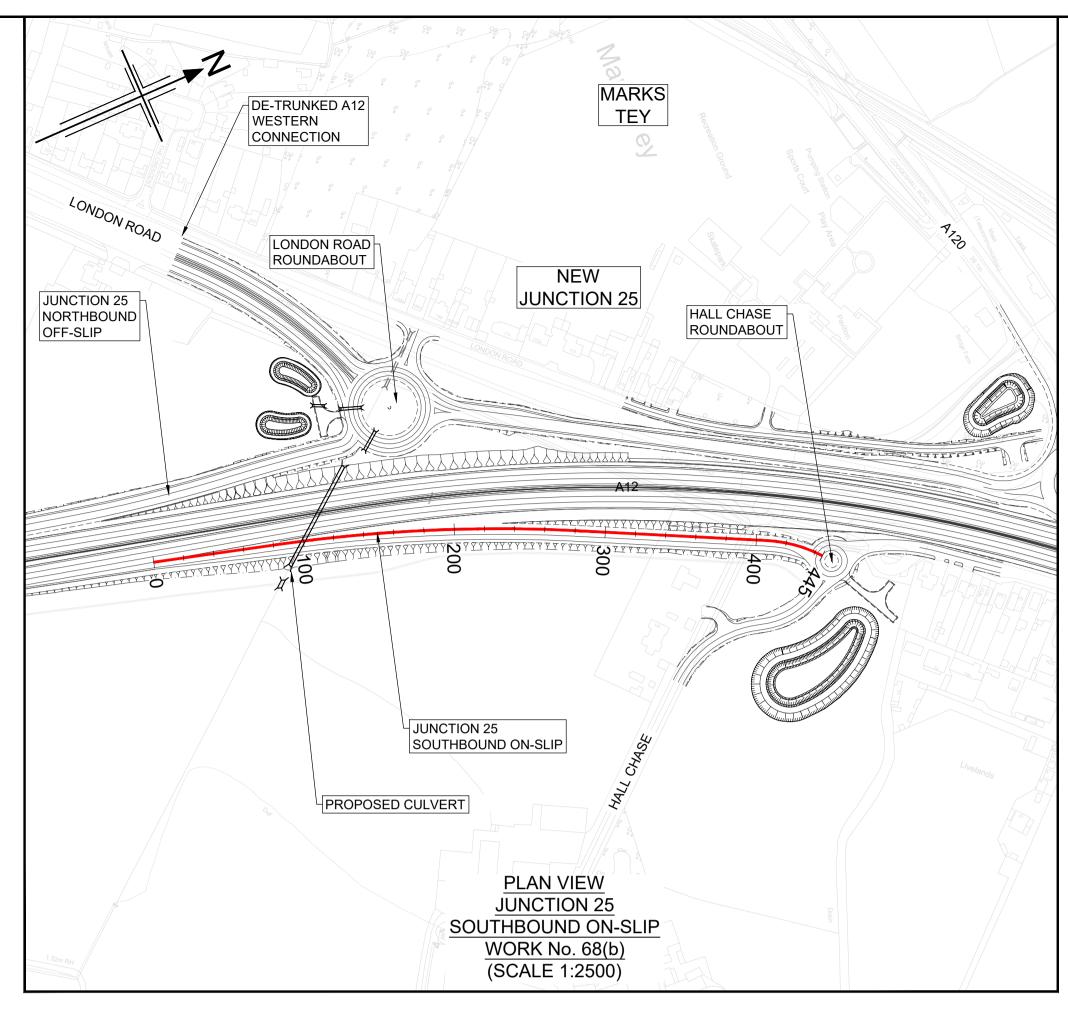
A12 CHELMSFORD TO A120 WIDENING SCHEME

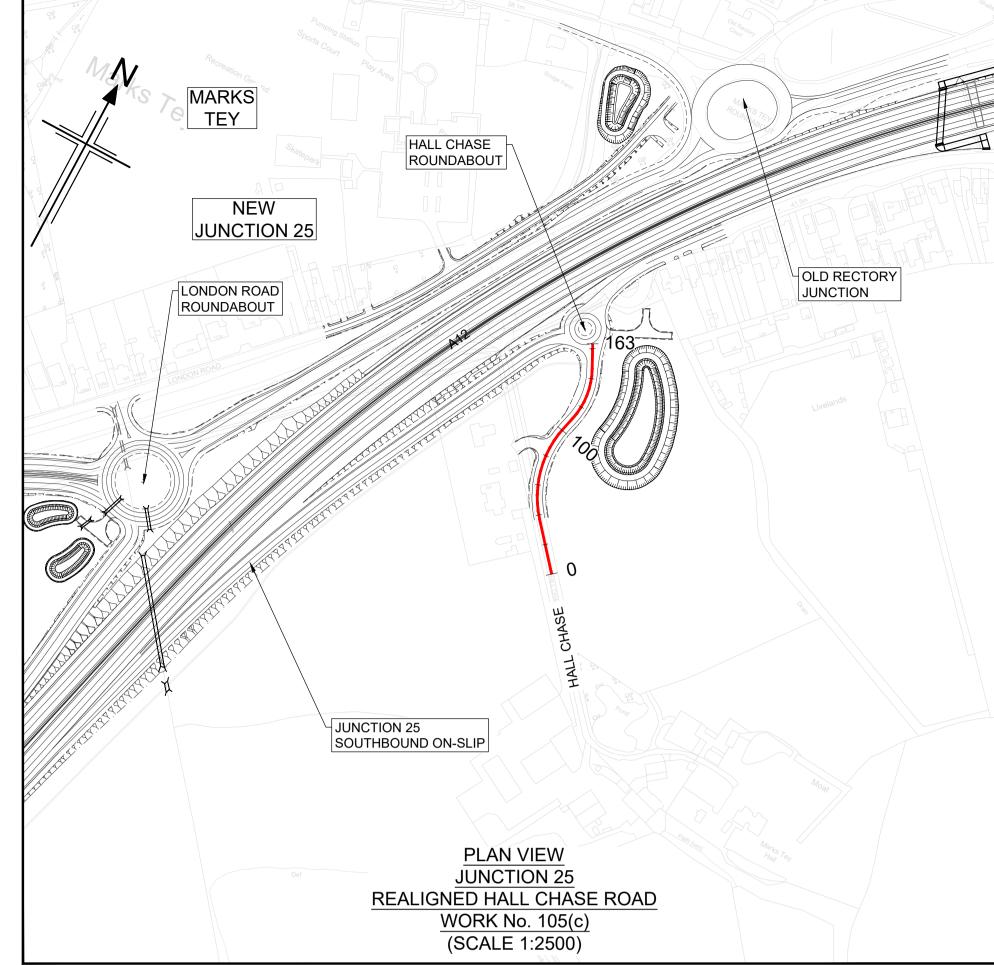
ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 24 SHEET 5 OF 5

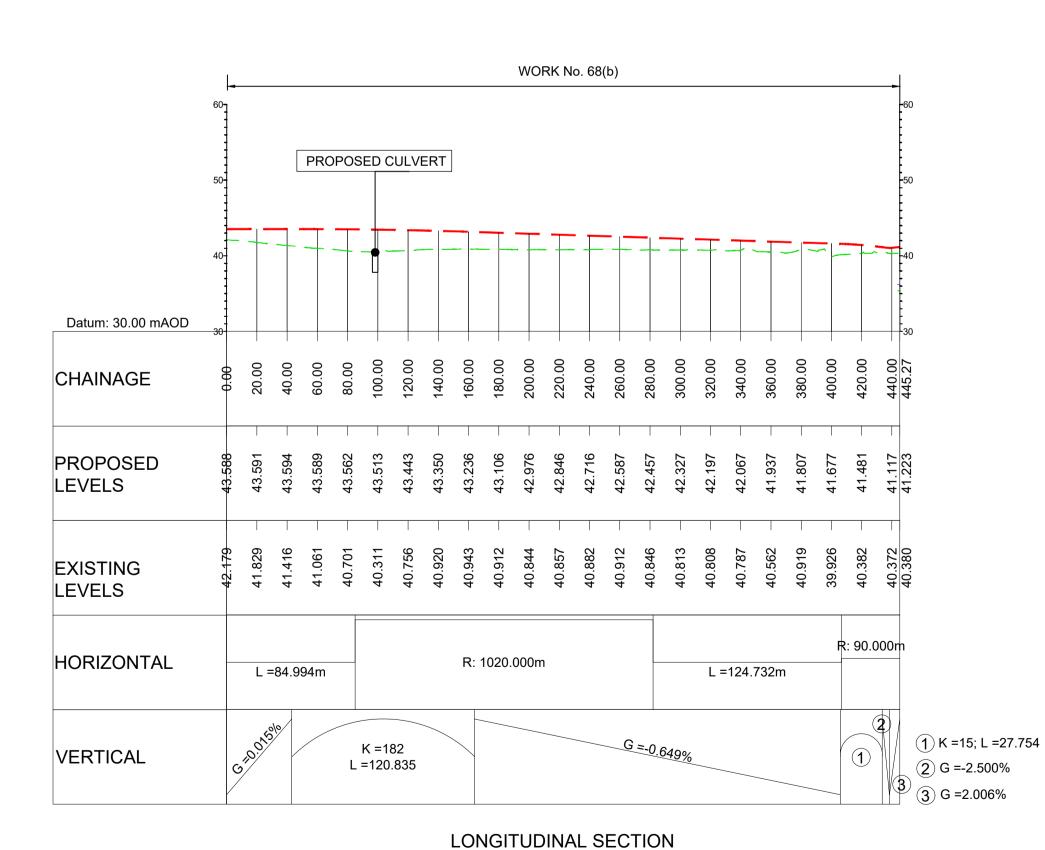
| Regulation | REGULATION 5(2)(o), 5(2)(p) & 6(2) | |
|-------------------------|------------------------------------|----------------|
| Purpose of issue | DCO APPLICATION | |
| State Code | Preliminary | |
| Project Stage | PCF3 | Drawing status |
| Scale at A1 (841x594mm) | AS SHOWN | S4 |
| Jacobs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







JUNCTION 25

SOUTHBOUND ON-SLIP

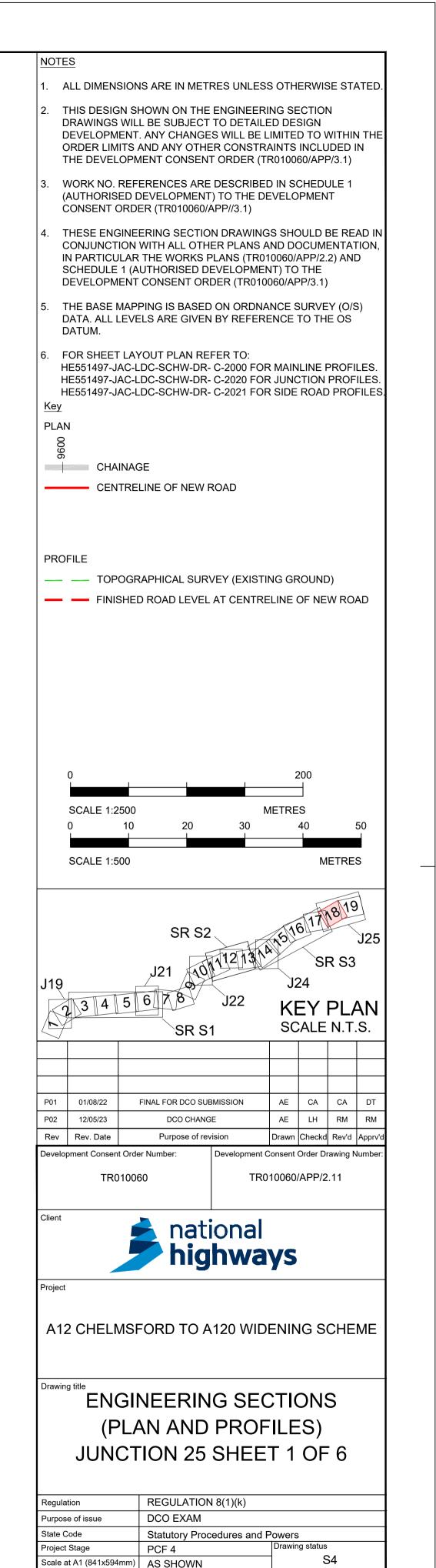
(SCALE H=1:2500, V =1:500)

Datum: 20.00 mAOD CHAINAGE PROPOSED LEVELS **EXISTING LEVELS** HORIZONTAL R: 68.000m =37.237m R: 50.000m (1) L =7.957m K = 40VERTICAL L =54.728 2 L =16.832m (3) G =1.068%

WORK No. 105(c)

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

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B36601D1

HE551497

S3_J25

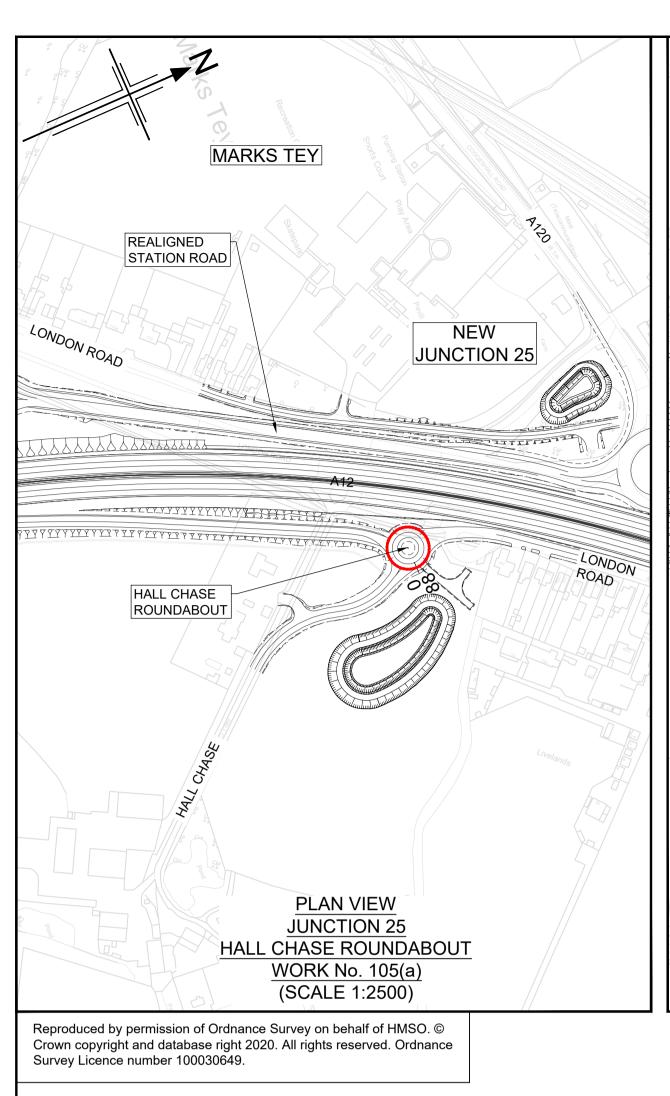
- LDC -| Type | Role | Number

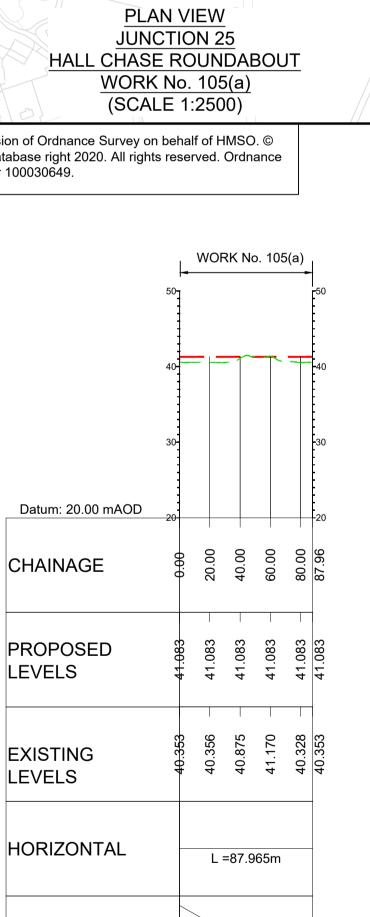
-DR- C -0101

Jacobs No.

Client no.

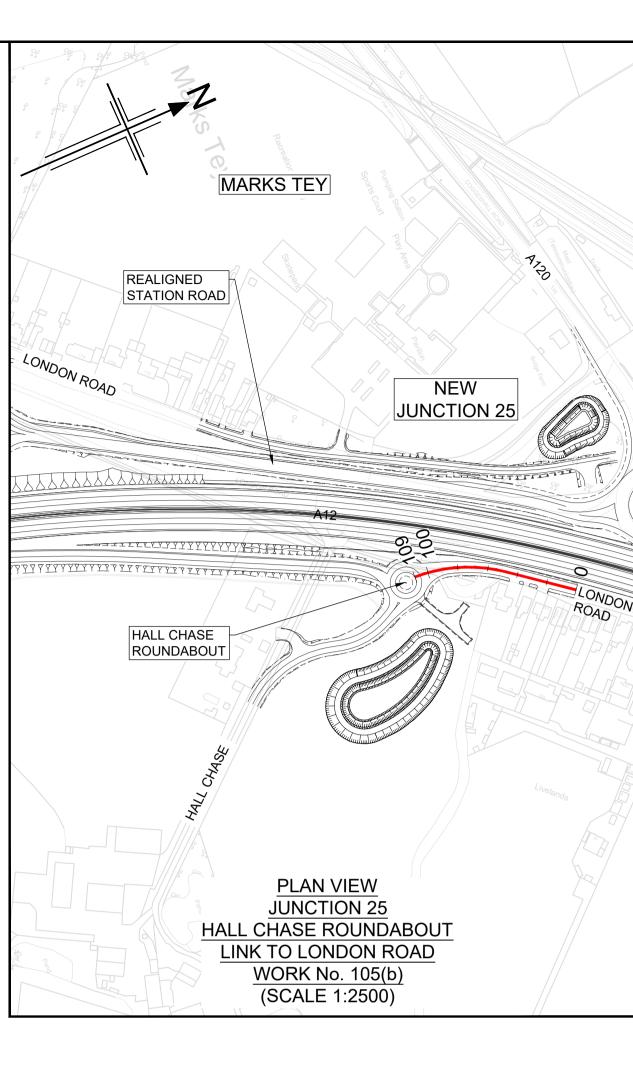
HE551497 **-**





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

VERTICAL



WORK No. 105(b)

20.00 40.00 60.00 80.00 100.00

.985 .985 .906 .837

40. 40. 40. 41.

40.956 40.839 40.816 40.801 40.776 40.381

L =47.618m R: 100.000m

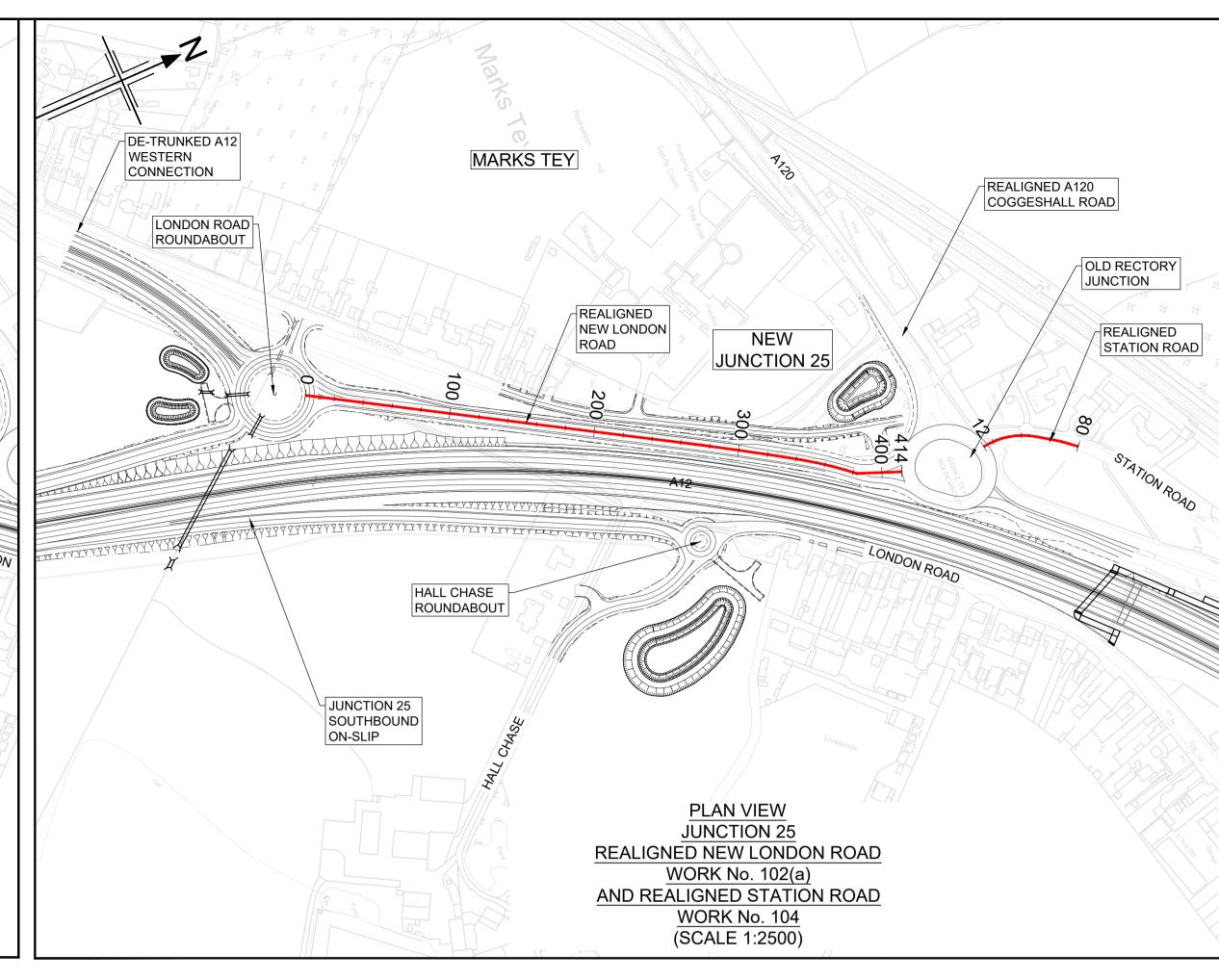
1 K =16.51; L =22.765

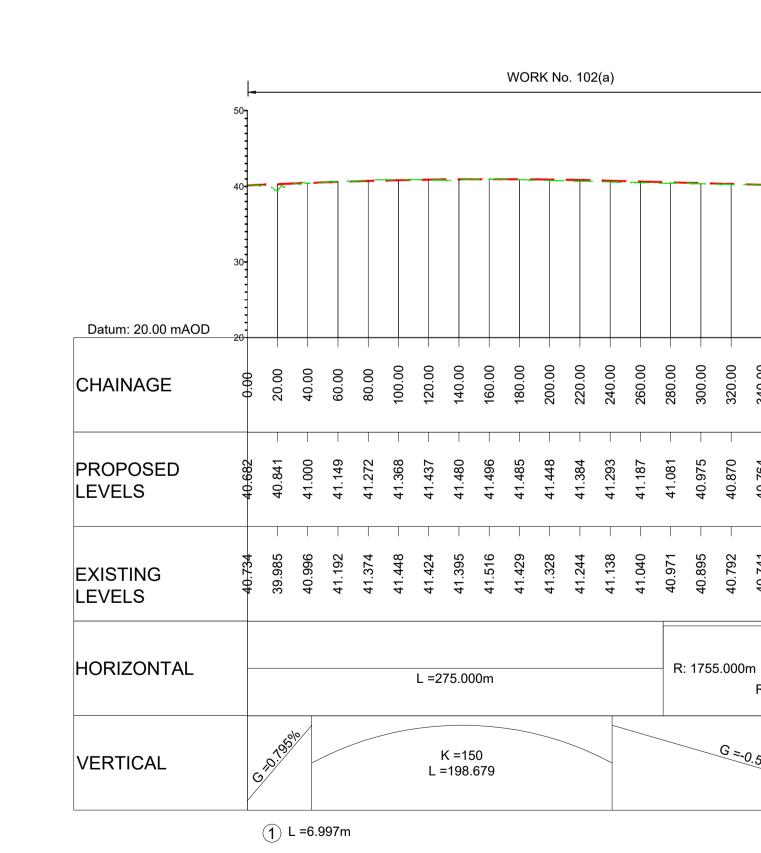
LONGITUDINAL SECTION

HALL CHASE ROUNDABOUT

LINK TO LONDON ROAD

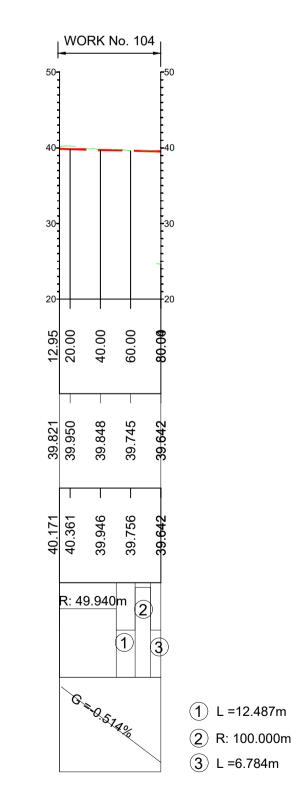
(SCALE H=1:2500, V =1:500)





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

R: 250.000m



LONGITUDINAL SECTION **JUNCTION 25** REALIGNED STATION ROAD (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

SCALE 1:500

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

SCALE 1:2500 40

METRES

KEY PLAN SCALE N.T.S. SR S1 FINAL FOR DCO SUBMISSION P01 01/08/22 04/04/23 Rev Rev. Date Drawn Checkd Rev'd App Purpose of revision TR010060 TR010060/APP/2.11

national highways

A12 CHELMSFORD TO A120 WIDENING SCHEME

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

REGULATION 113 & 114 Regulation DCO EXAM Purpose of issue State Code Statutory Procedures and Powers Project Stage PCF 4 S4 Scale at A1 (841x594m AS SHOWN B36601D1 P02 HE551497 Client no.

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

AeccDbFace (AeccLand130)

Datum: 20.00 mAOD

CHAINAGE

PROPOSED

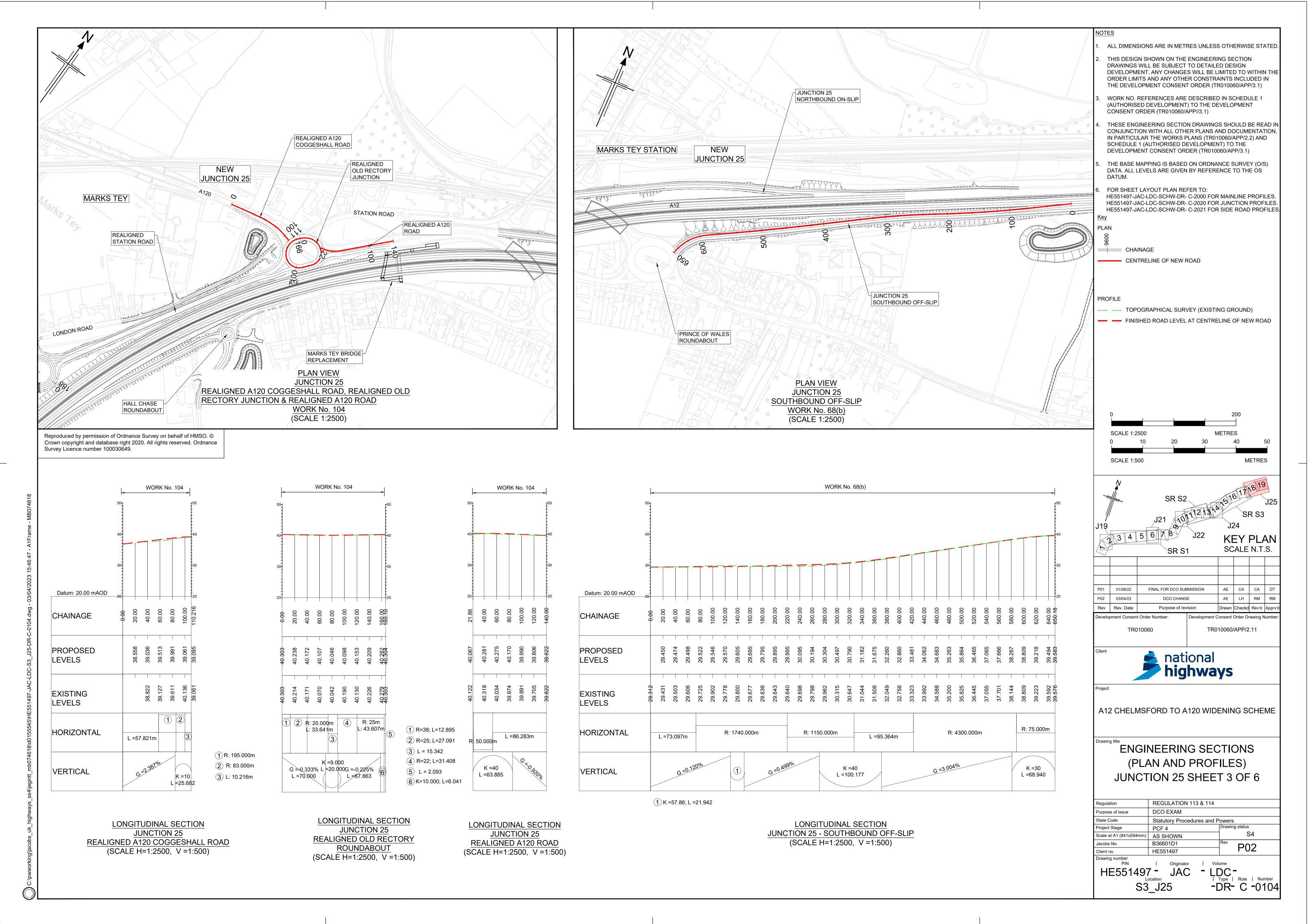
LEVELS

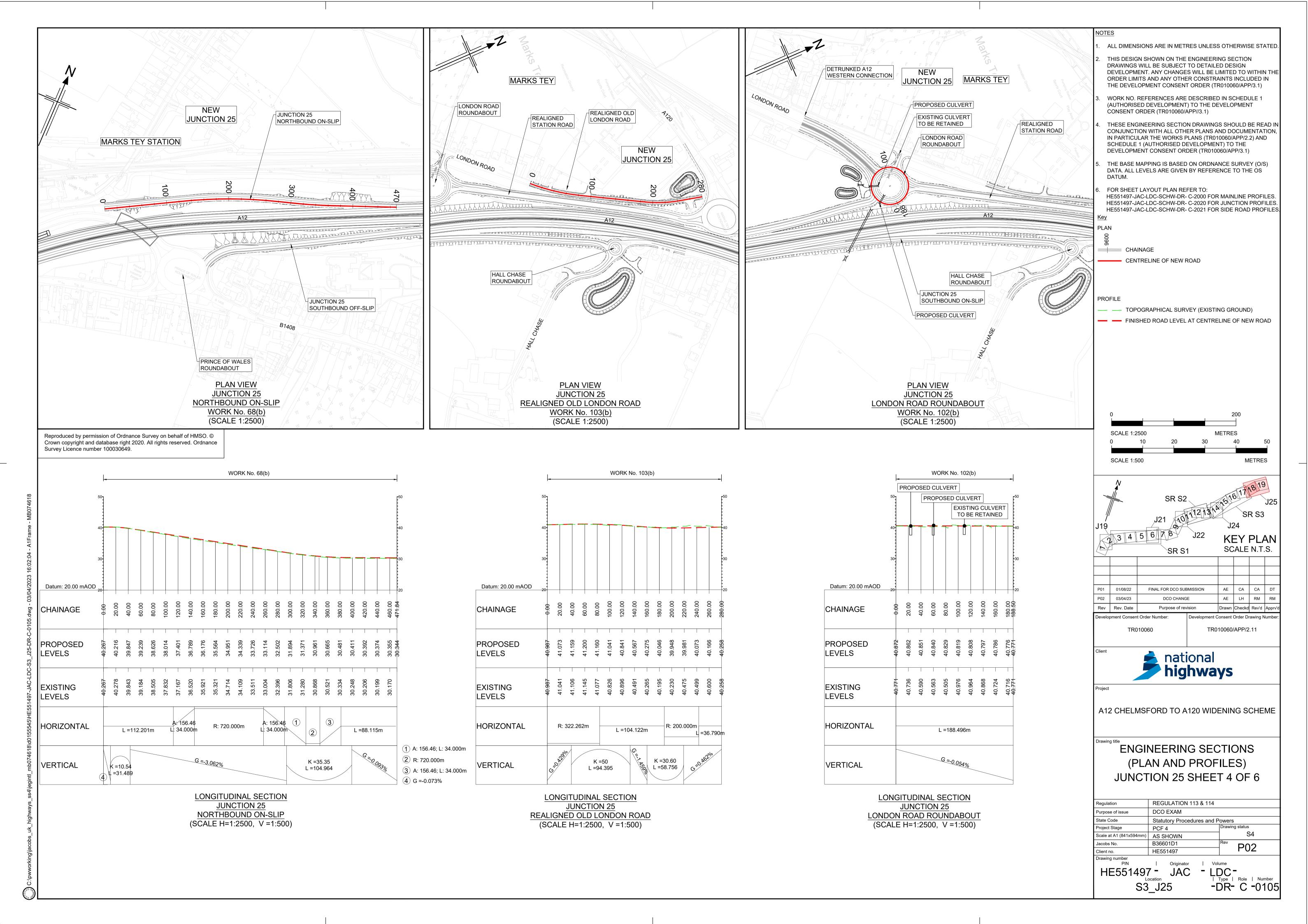
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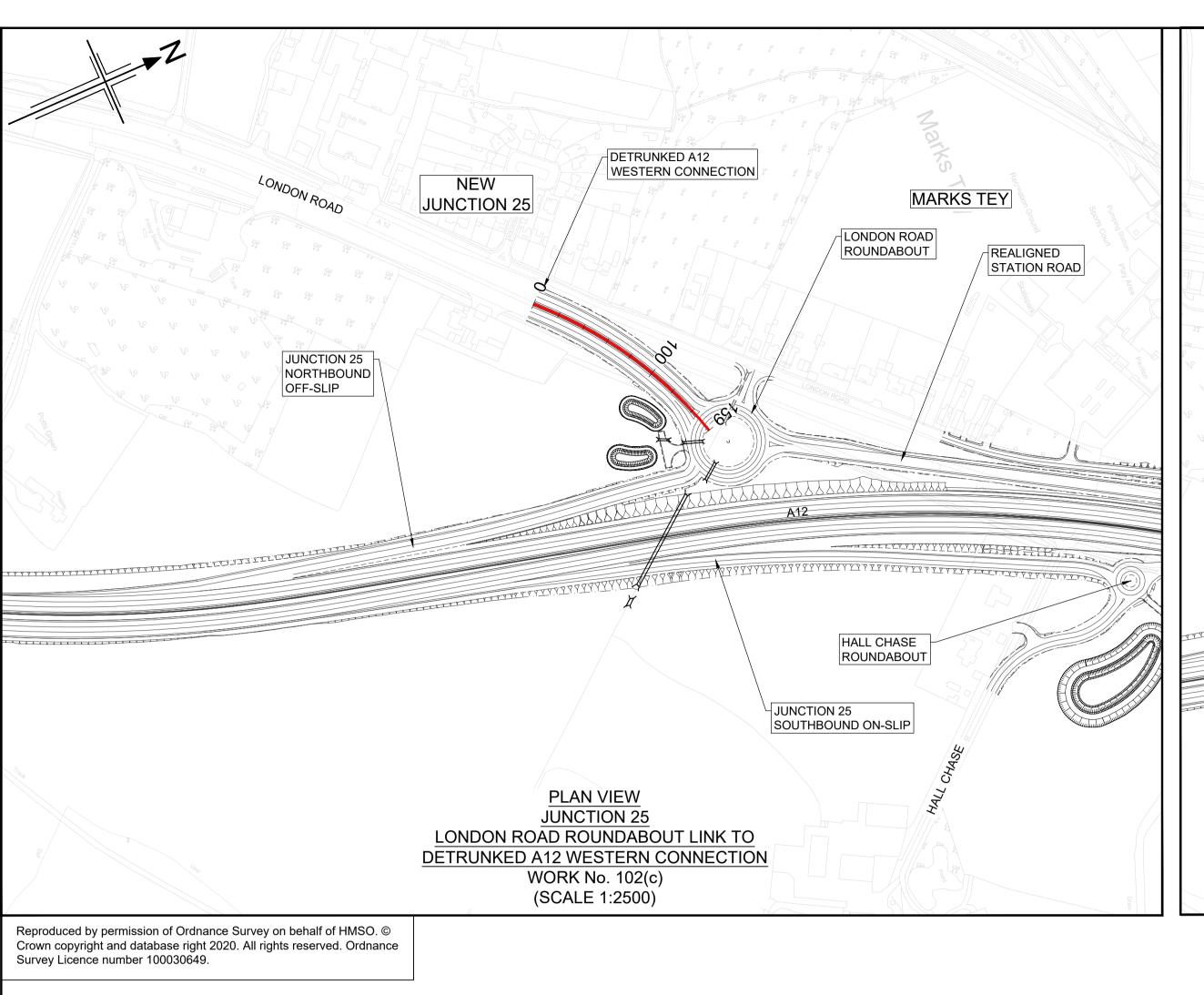
HORIZONTAL

VERTICAL

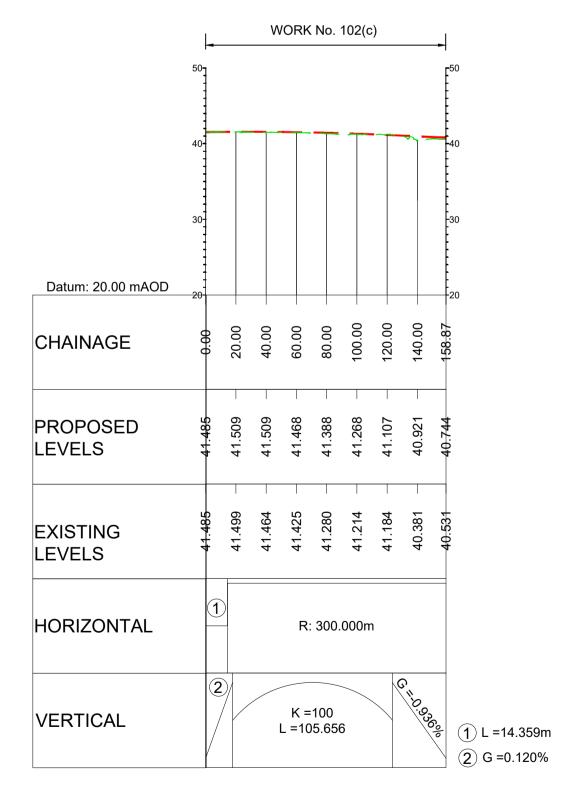
LEVELS







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)



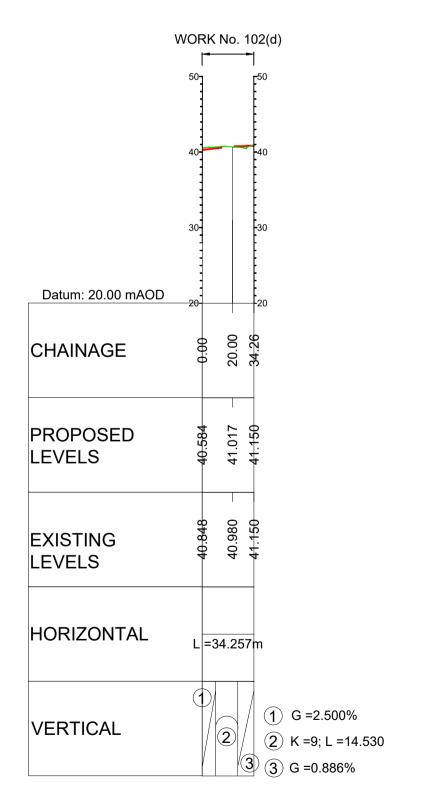
LONGITUDINAL SECTION

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)

SCALE 1:500

SCALE 1:500

METRES

SR S2

J24

KEY PLAN

SCALE N.T.S.

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

P02 03/04/23 DCO CHANGE AE LH RM RM

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

Development Consent Order Number:

TR010060

TR010060/APP/2.11

Client

Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

ENGINEERING SECTIONS

(PLAN AND PROFILES)

JUNCTION 25 SHEET 5 OF 6

REGULATION 113 & 114

Statutory Procedures and Powers

- LDC -| Type | Role | Number

-DR- C -0106

DCO EXAM

AS SHOWN B36601D1 HE551497

PCF 4

HE551497 - JAC

S3_J25

Regulation

State Code

Purpose of issue

Scale at A1 (841x594m

ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED

DEVELOPMENT. ANY CHANGES WILL BE LIMITED TO WITHIN THE ORDER LIMITS AND ANY OTHER CONSTRAINTS INCLUDED IN

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

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

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

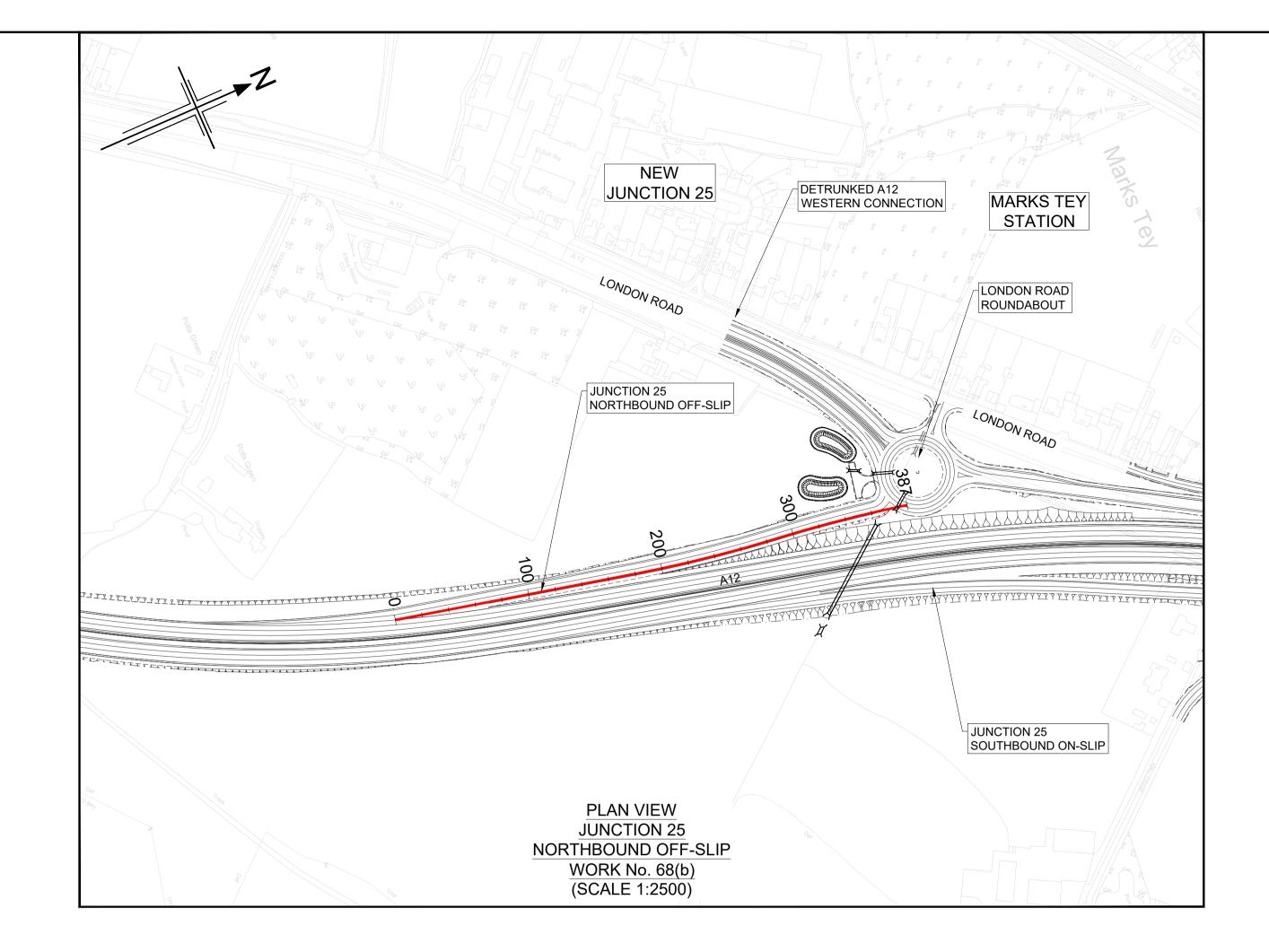
FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

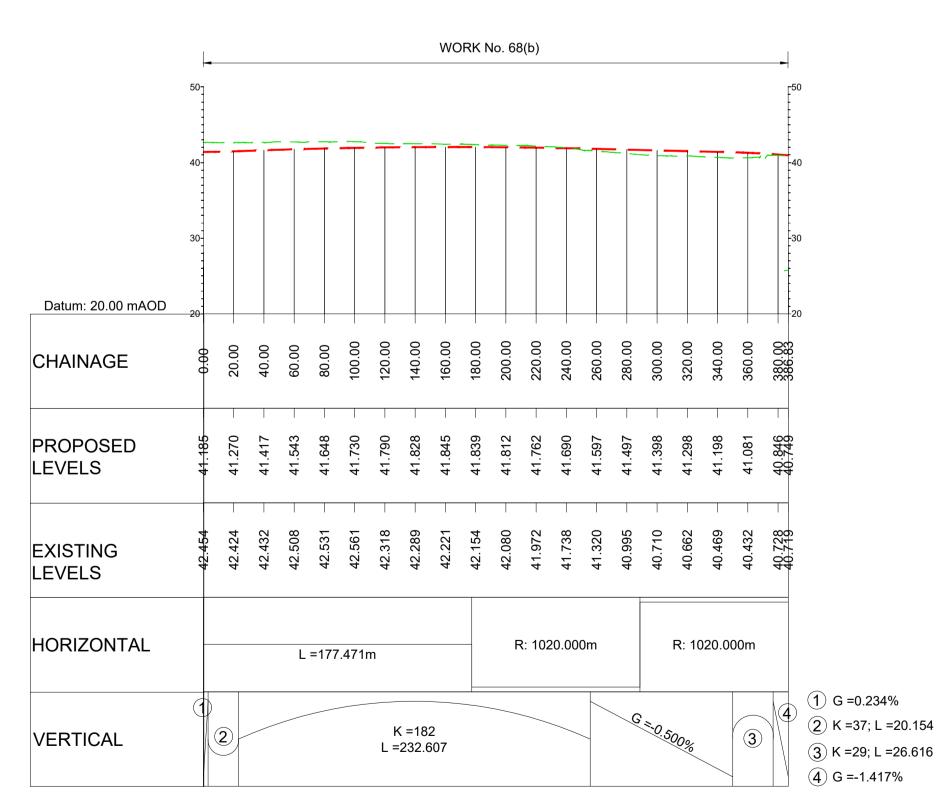
CHAINAGE

SCALE 1:2500

PROFILE

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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