

A12 Chelmsford to A120 widening scheme

TR010060

**DEVELOPMENT CONSENT ORDER CHANGE
APPLICATION CONSULTATION**

**Map Book 6: Junction 25
Part 3 of 3**

Rule 113 and 114
Infrastructure Planning (Examination Procedure)
Regulations 2010

April 2023

A12 Chelmsford to A120 widening scheme guide to map book

The six map books prepared for this consultation contain plans of the proposed scheme under the following headings:

- Map Book 1: Junction 19 Slip Road
- Map Book 2: Anglian Water Pumping Station (Bury Lane, Hatfield Peverel)
- Map Book 3: Replacement Land, Witham
- Map Book 4: B1023 Flood Mitigation and Drainage
- Map Book 5: B1023 Roundabout
- Map Book 6: Junction 25

These plans show the changes we have made since our Development Consent Order (DCO) application was accepted for examination in 2022 and are published for the purposes of the consultation on the proposed changes. The proposals are therefore subject to change due to consultation feedback and further design development.

Please read these plans in conjunction with the consultation brochure and technical notes, which provides further information on the consultation and how to respond.

Each map book shows the plans that have been updated to capture the proposed changes in that area. For example, Map Book 1 shows the changes

around the junction 19 slip road and Map Book 6 shows the changes around junction 25.

The Streets, Rights of Way and Access Plans also now show Limits of Deviation (LoD) for walking, cycling and horse riding (WCH) routes. The LoD are based on the LoD shown on the Works Plans. This amendment to the Streets, Rights of Way and Access plans will help to illustrate the flexibility we have during detailed design to refine the design of WCH routes within the remit of the Order.

Map Book 6: Junction 25

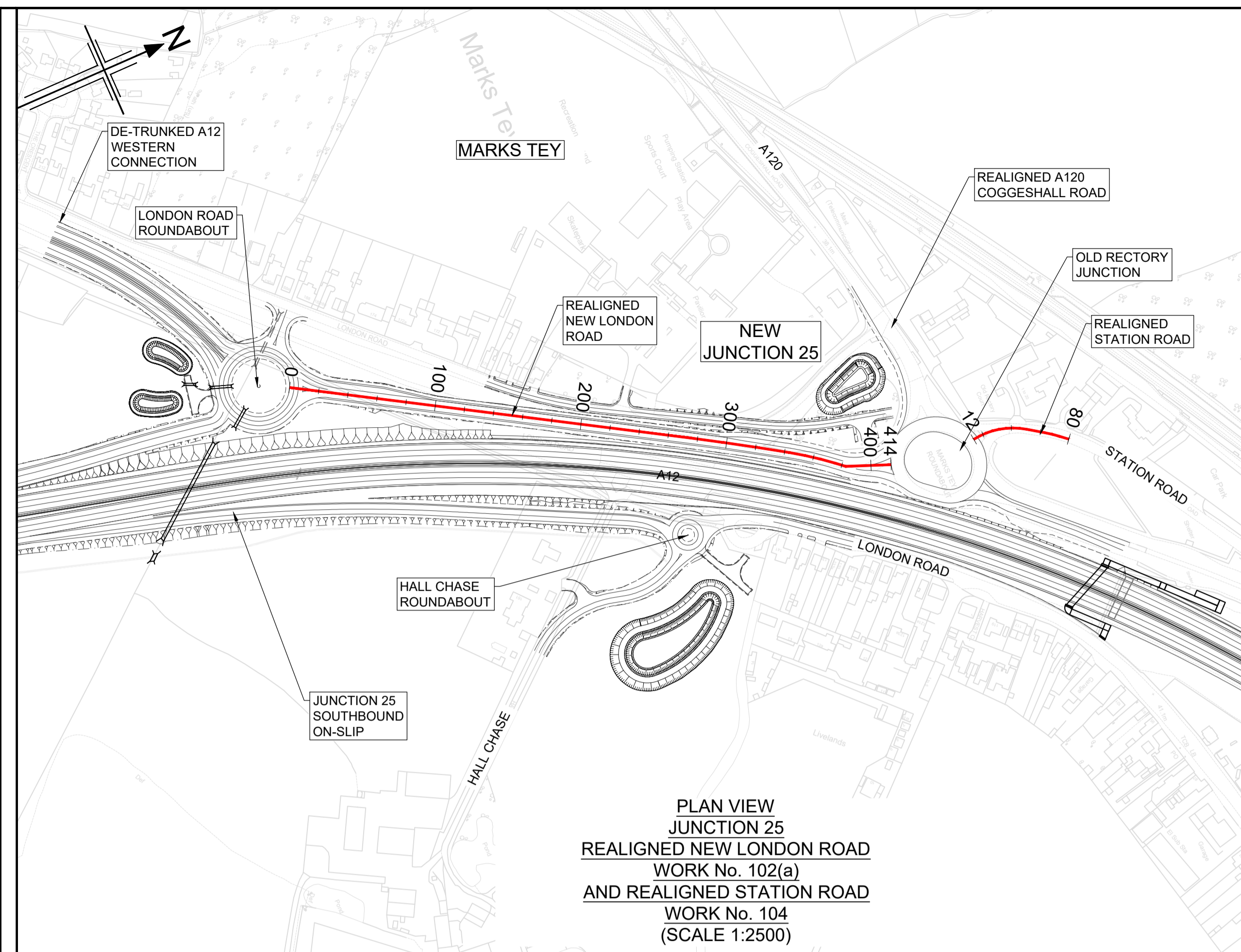
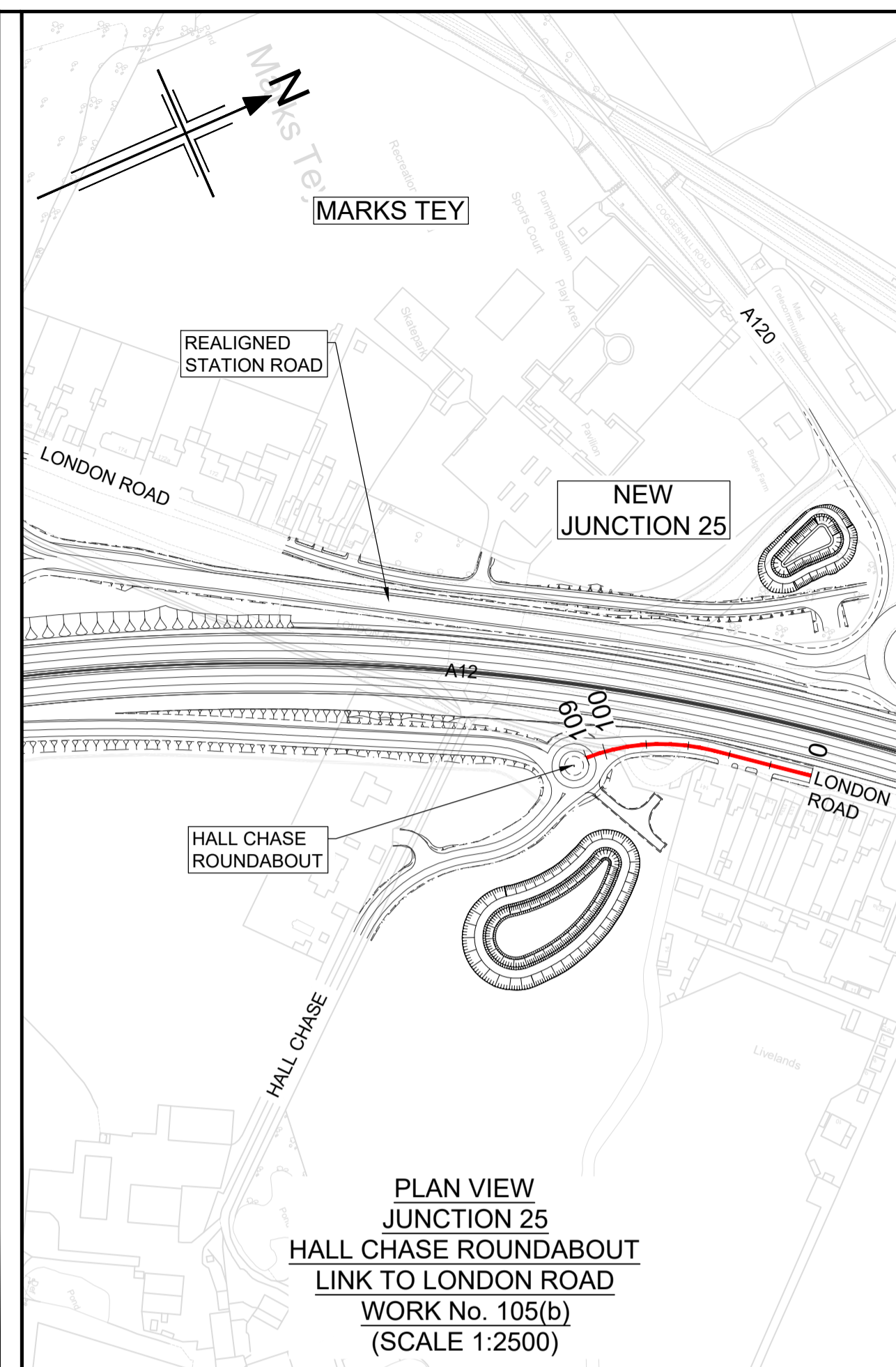
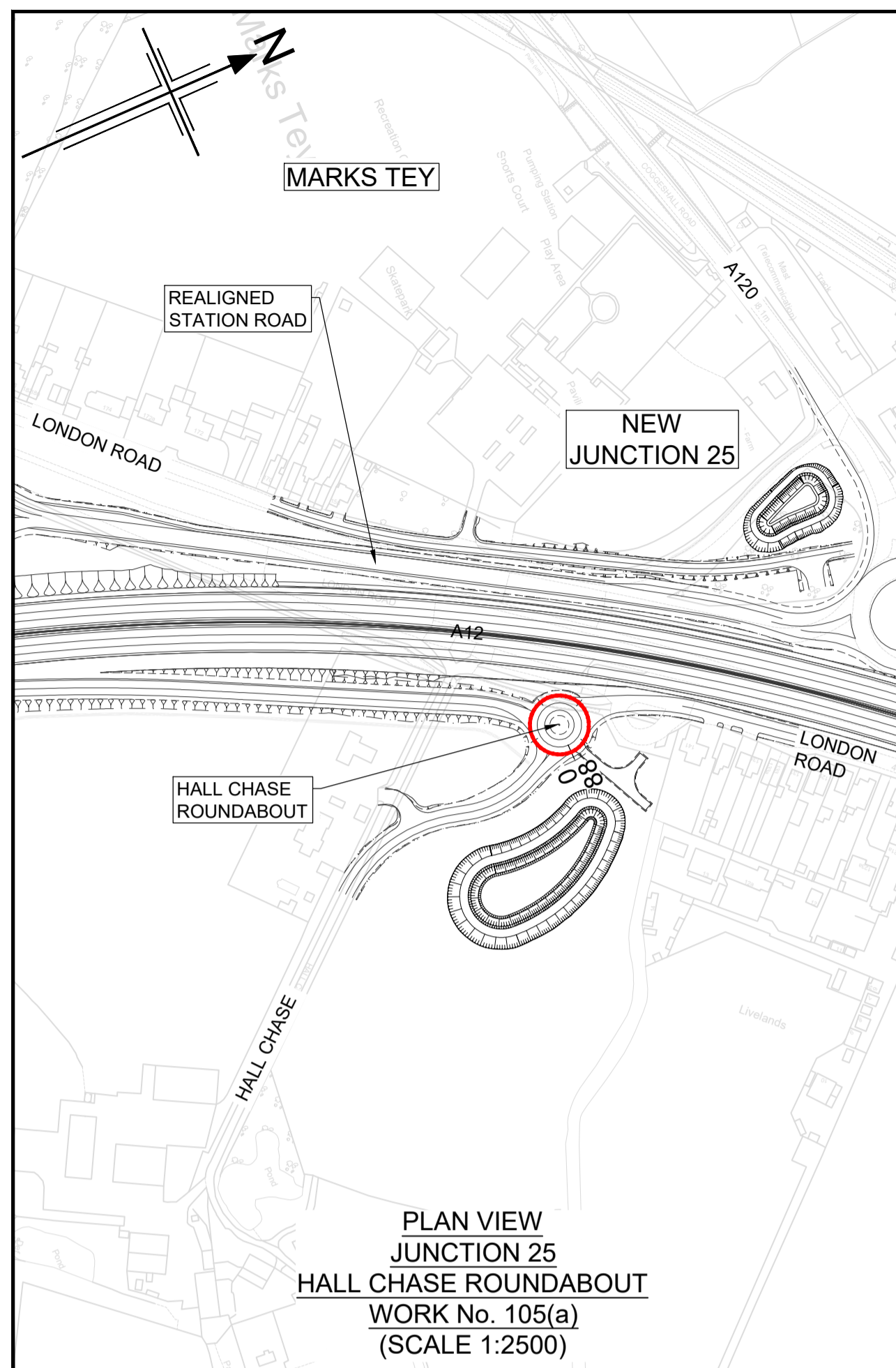
The new design maintains the Old Rectory roundabout, which will become a partially signalised roundabout. This will maximise the existing infrastructure in the design and minimise tree loss within the Old Rectory roundabout island.

A list of plans that have been updated to show this change is included in the Schedule of Plans on the following page. Map Book 6 consists of three parts with the drawings in each part indicated in the table as follows:

- Map Book 6 Part 1
- Map Book 6 Part 2
- Map Book 6 Part 3

Drawing Number	Drawing Title	Revision
PART 1		
HE551497-JAC-LDC-SCHW-DR-C-0010	General Arrangement Plans Key Plan	P01
HE551497-JAC-LDC-SCHW-DR-C-0020	General Arrangement Plans Legend	P02
HE551497-JAC-LDC-SCHW-DR-C-0038	General Arrangement Plans Ch. 36700 to Ch. 38200 Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0039	General Arrangement Plans Ch. 38200 to Ch. 39355 Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0922	DCO Works Plans Legend	P03
HE551497-JAC-LDC-SCHW-DR-C-0918	DCO Works Plans – Permanent Works Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0919	DCO Works Plans – Permanent Works Sheet 19 of 21	P02
PART 2		
HE551497-JAC-LDC-SCHW-DR-C-1948	DCO Works Plans – Utility Diversions Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-1949	DCO Works Plans – Utility Diversions Sheet 19 of 21	P02
HE551497-ARD-LDC-SCHW-DR-X-0318	Land Plans Sheet 18 of 21	P03
HE551497-ARD-LDC-SCHW-DR-X-0319	Land Plans Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0118	Traffic Regulation Measures Speed Limits Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0119	Traffic Regulation Measures Speed Limits Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0218	Traffic Regulation Measures Movement Restrictions Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0219	Traffic Regulation Measures Movement Restrictions Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0318	Revocation of Existing Traffic Orders Sheet 18 of 21	P02

Drawing Number	Drawing Title	Revision
PART 2		
HE551497-JAC-LDC-SCHW-DR-C-0319	Revocation of Existing Traffic Orders Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0618	Classification of Roads Plans Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0619	Classification of Roads Plans Sheet 19 of 21	P02
HE551497-ARD-LDC-SCHW-DR-X-0118	Special Category Land Plans Sheet 18 of 21	P02
HE551497-ARD-LDC-SCHW-DR-X-0119	Special Category Land Plans Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0518	Streets, Rights of Way and Access Plans Sheet 18 of 21	P04
HE551497-JAC-LDC-SCHW-DR-C-0519	Streets, Rights of Way and Access Plans Sheet 19 of 21	P04
PART 3		
HE551497-JAC-LDC-S3_J25-DR-C-0102	Engineering Sections (Plans and Profiles) Junction 25 Sheet 2 of 6	P02
HE551497-JAC-LDC-S3_J25-DR-C-0104	Engineering Sections (Plans and Profiles) Junction 25 Sheet 3 of 6	P02
HE551497-JAC-LDC-SCHW-DR-D-0818	Drainage and Surface Water Plans Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-D-0819	Drainage and Surface Water Plans Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-L-0118	Retained and Removed Vegetation Plans Ch. 36700 to Ch. 38200 Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-L-0119	Retained and Removed Vegetation Plans Ch. 38200 to Ch. 39355 Sheet 19 of 21	P02
HE551497-JAC-LDC-SCHW-DR-L-0218	Environmental Statement Environmental Masterplan Ch. 36700 to Ch. 38200 Sheet 18 of 21	P02
HE551497-JAC-LDC-SCHW-DR-L-0219	Environmental Statement Environmental Masterplan Ch. 38200 to Ch. 39355 Sheet 19 of 21	P02



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

Key

PLAN

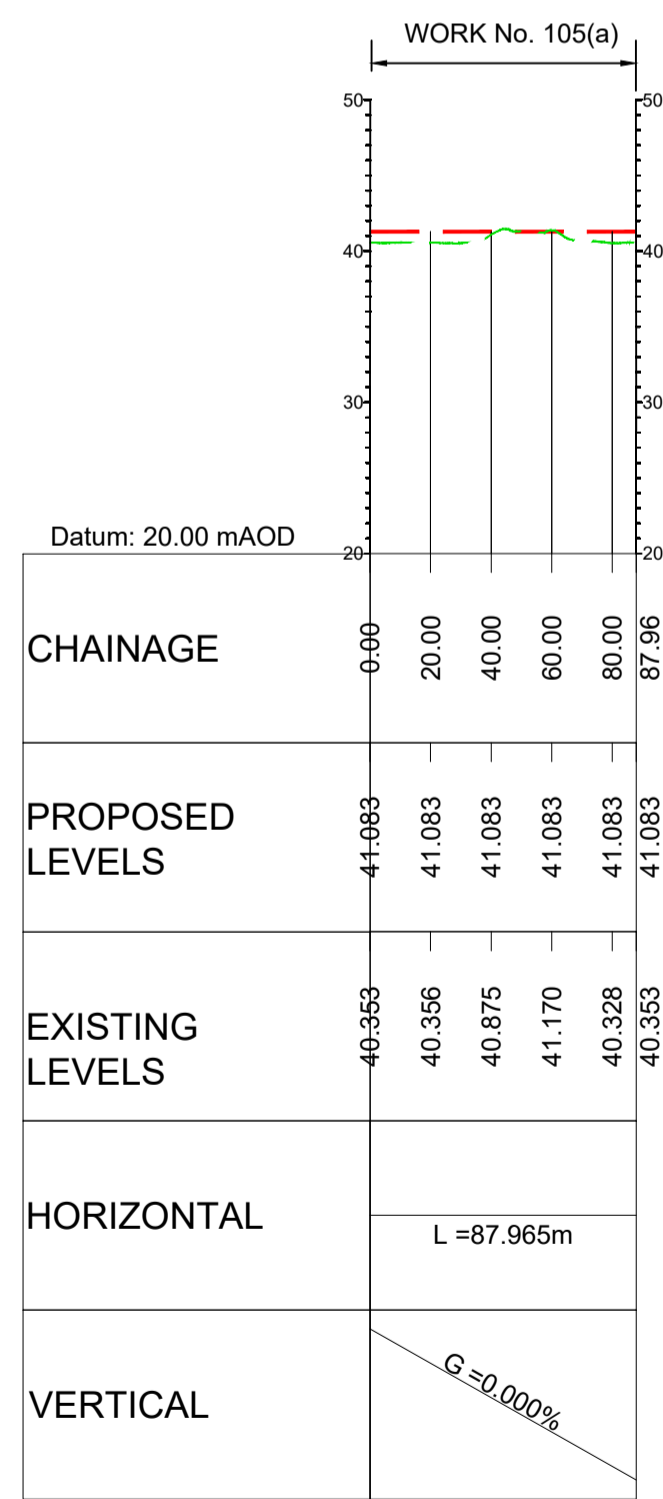
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CHAINAGE
CENTRELINE OF NEW ROAD

PROFILE

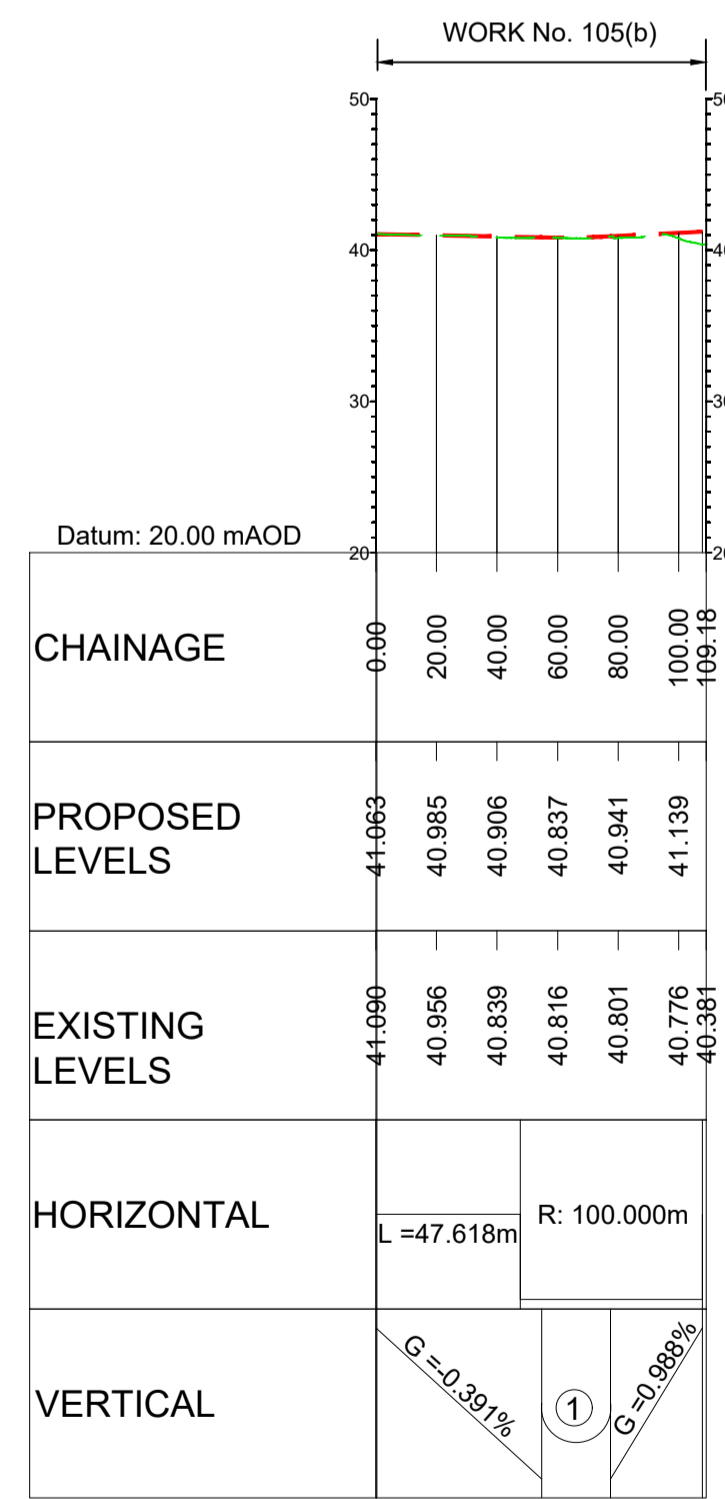
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SCALE 1:500 METRES

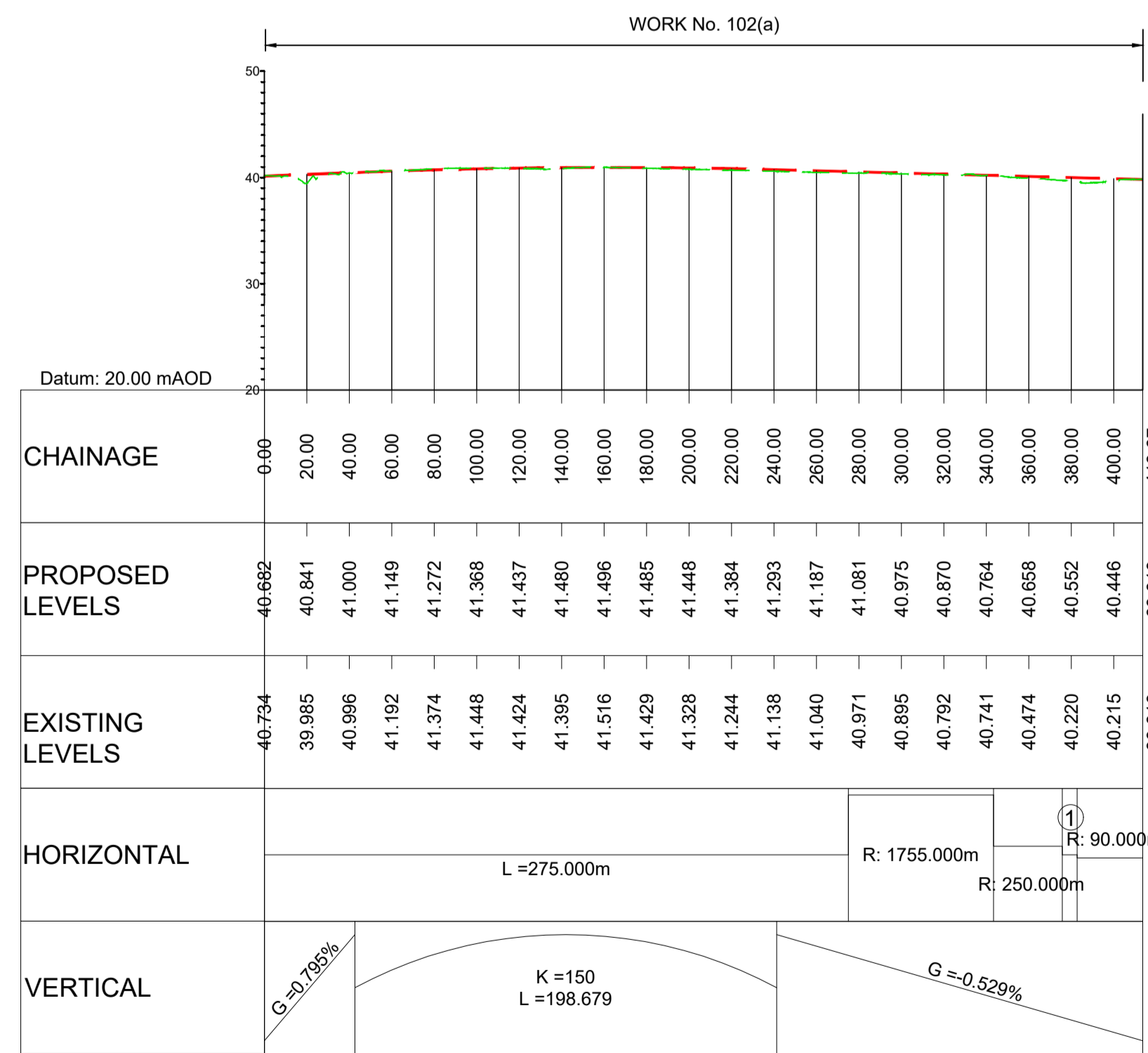
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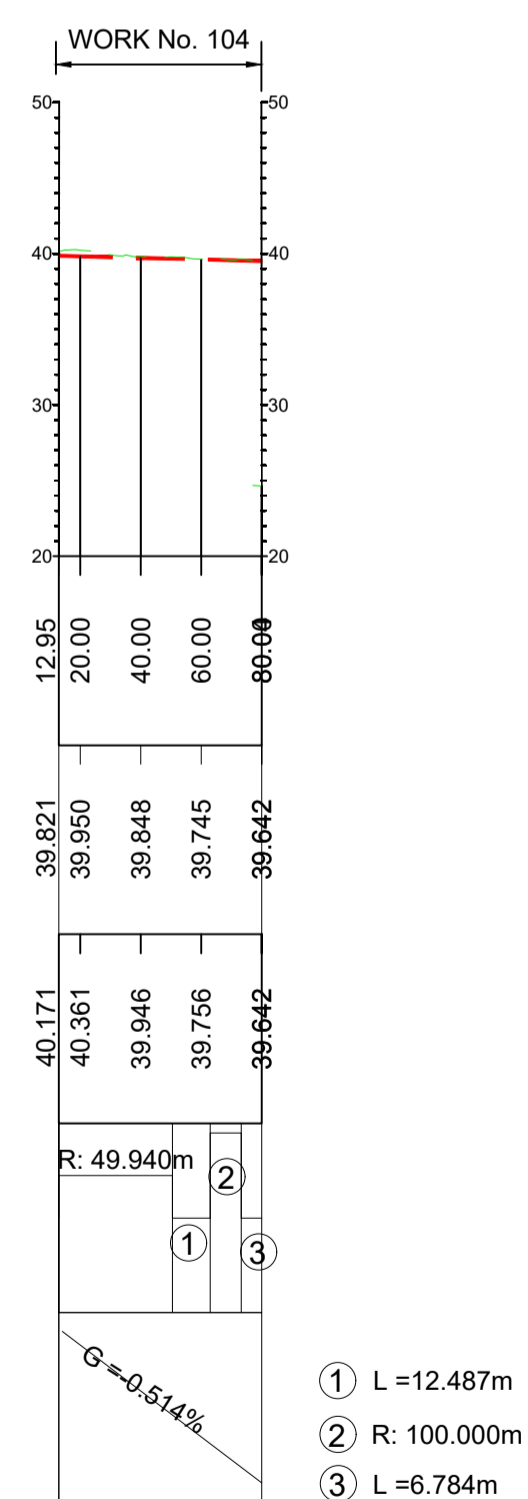
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JUNCTION 25 - HALL CHASE ROUNDABOUT
(SCALE H=1:2500, V=1:500)



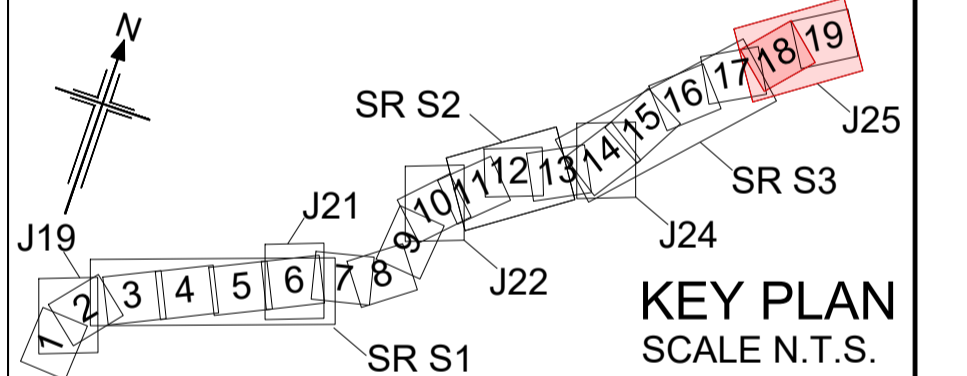
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HALL CHASE ROUNDABOUT
LINK TO LONDON ROAD
(SCALE H=1:2500, V=1:500)



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



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



P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
P02	04/04/23	DCO CHANGE	OB	LH	RM	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

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

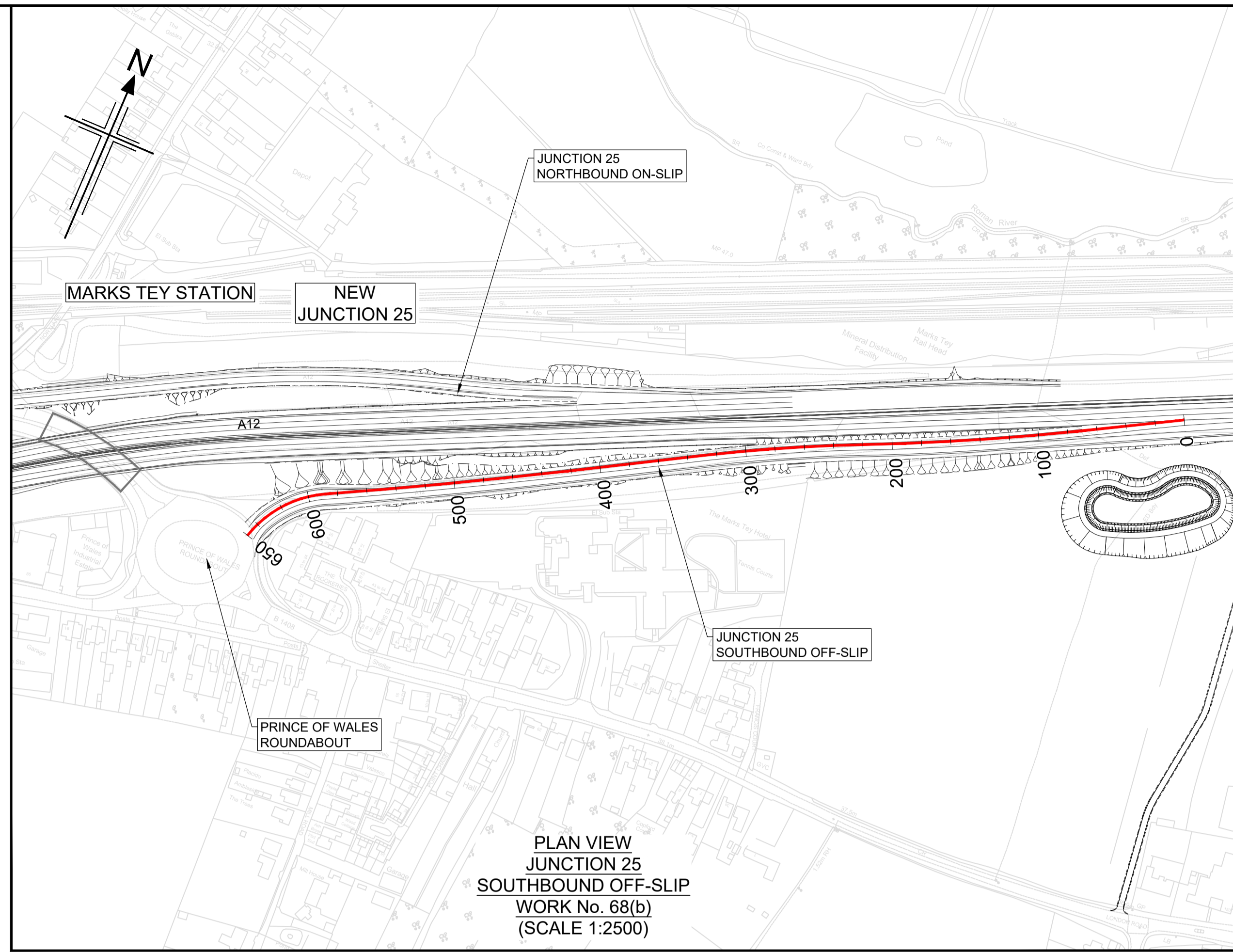
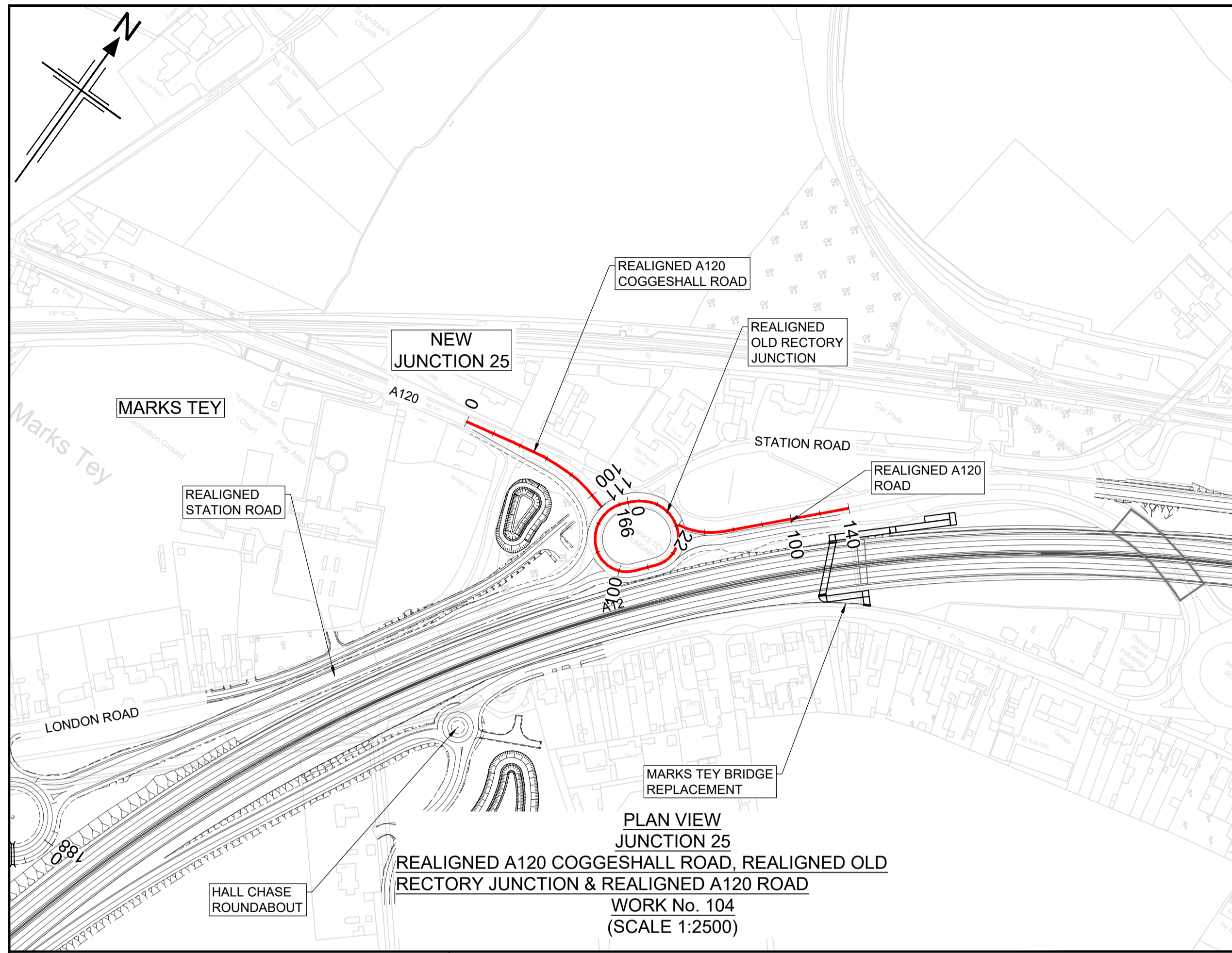
Client: **national highways**

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

Drawing title: **ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 25 SHEET 2 OF 6**

Regulation	REGULATION 113 & 114
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (84x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	P02

HE551497 - JAC - LDC - S3_J25 -DR- C-0102



NOTES

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

Key

PLAN

- CHAINAGE
- CENTRELINE OF NEW ROAD

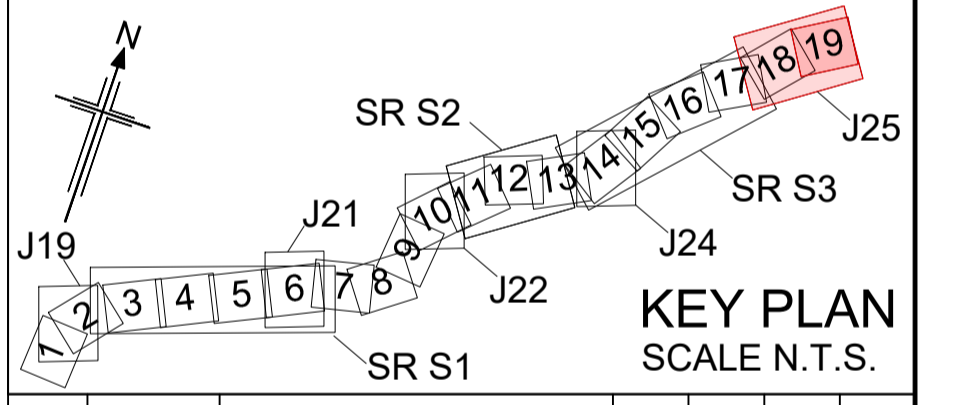
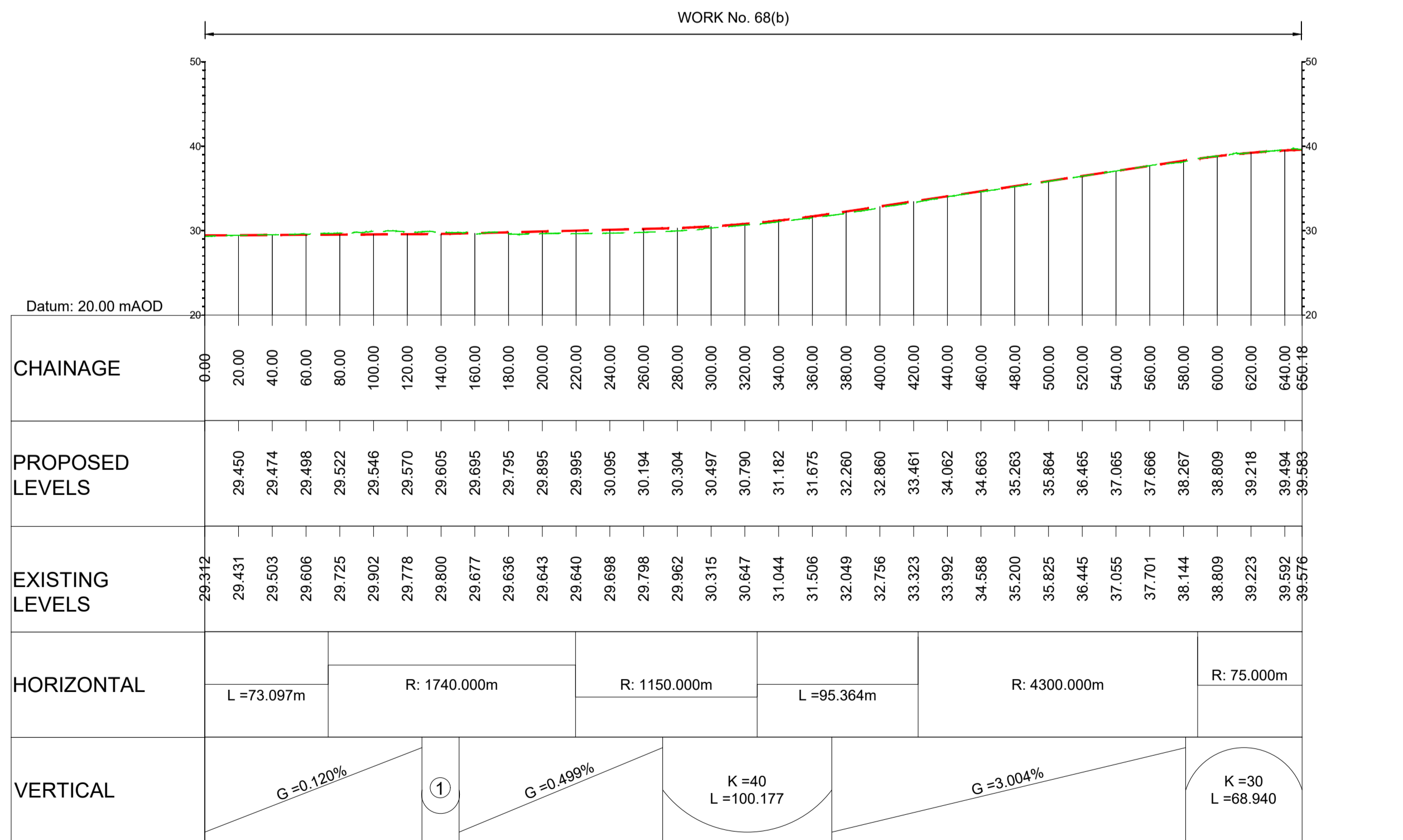
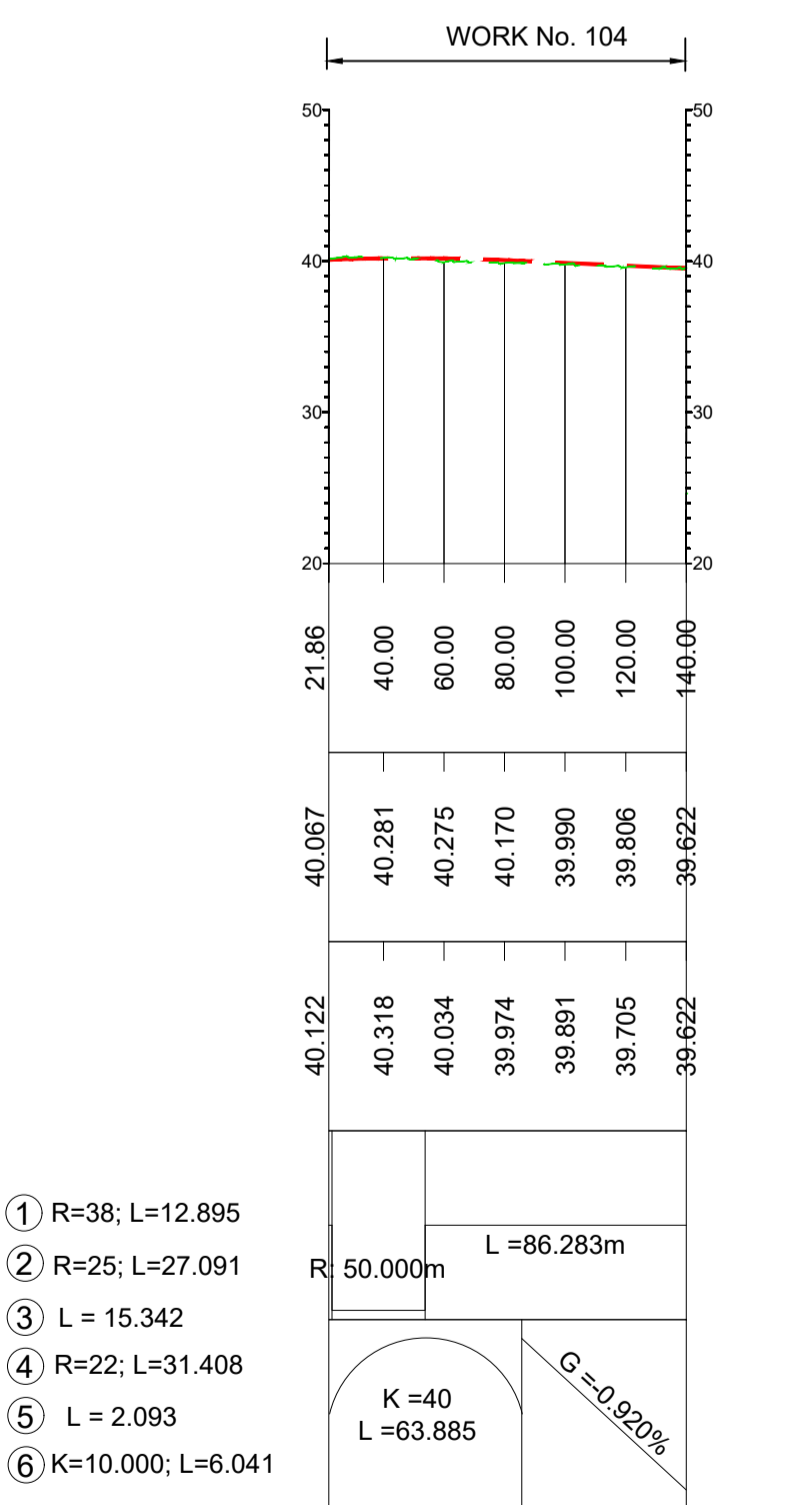
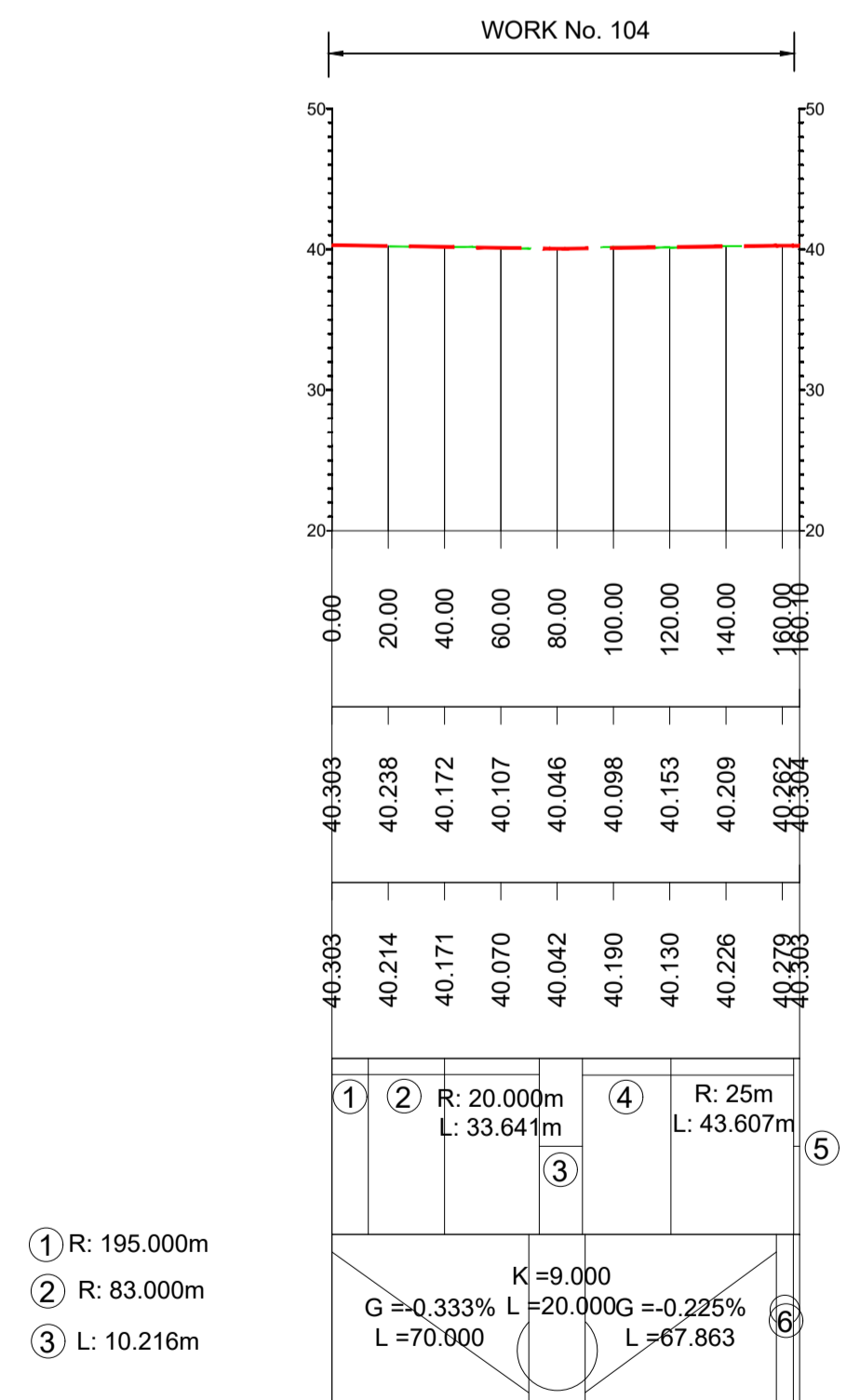
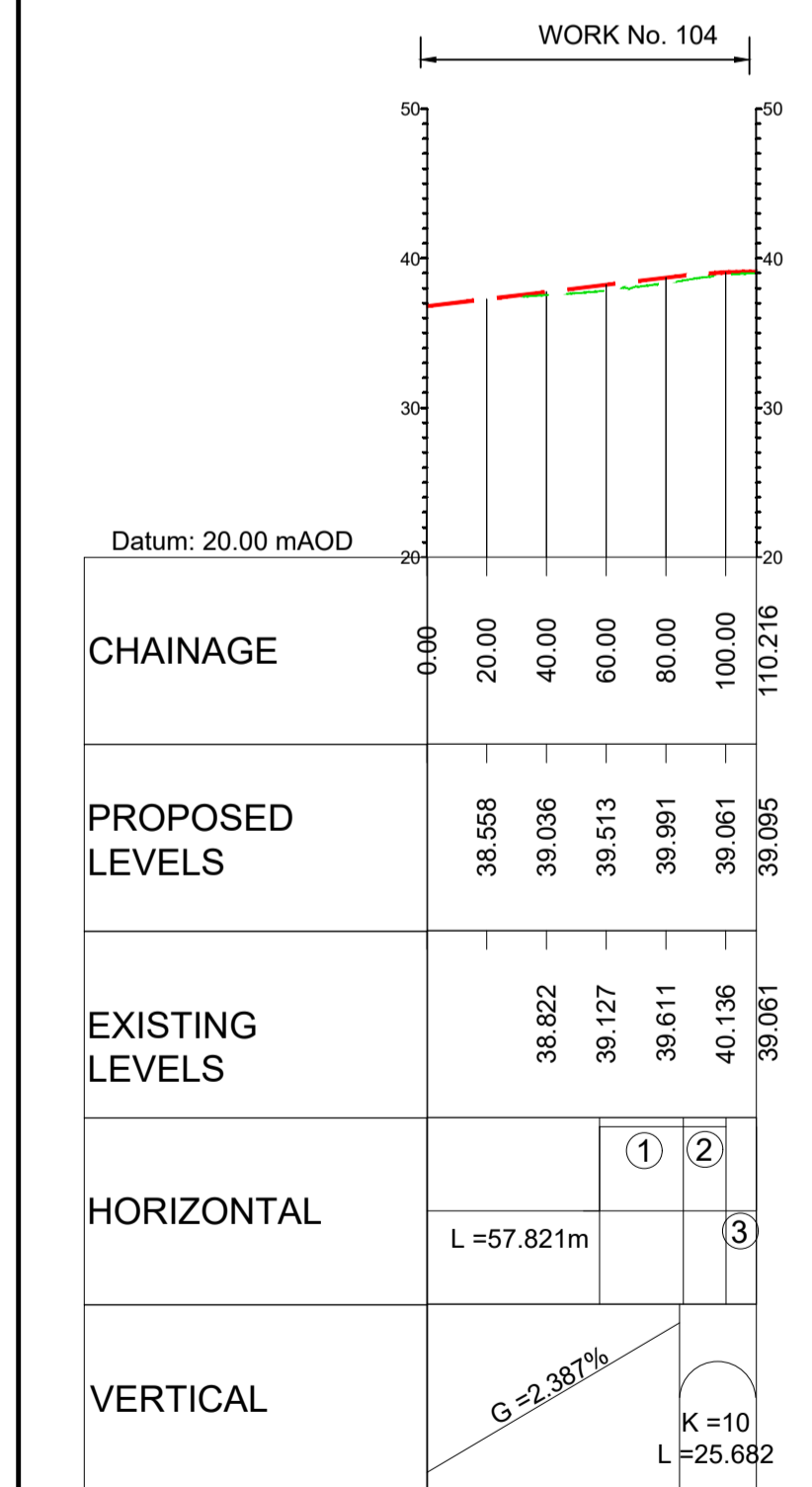
PROFILE

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

0 200
SCALE 1:2500 METRES

0 10 20 30 40 50
SCALE 1:500 METRES

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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	Checked	Rev'd	Appr'd

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

Client: **national highways**

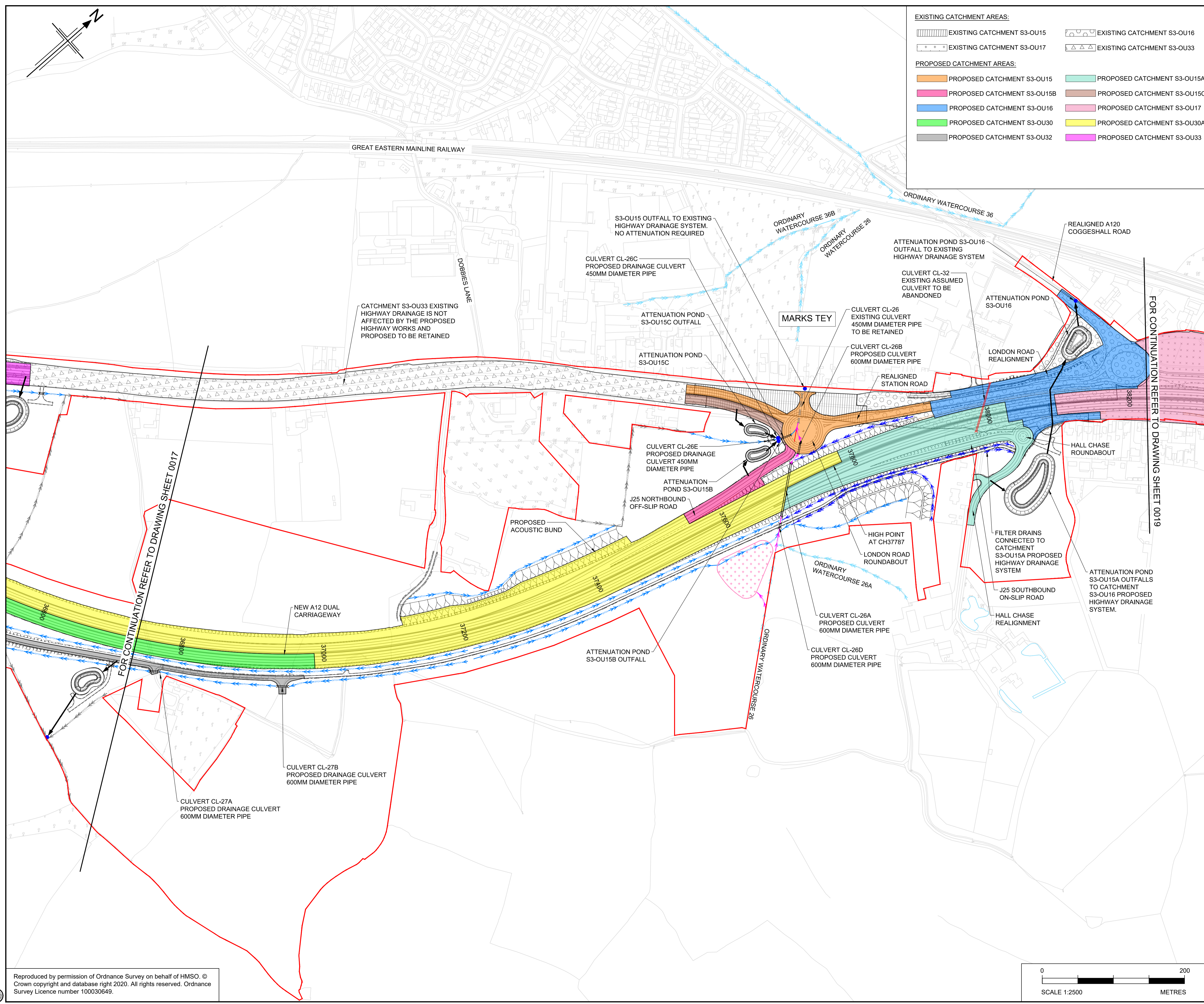
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Drawing title: **ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 25 SHEET 3 OF 6**

Regulation	REGULATION 113 & 114
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (841x594mm)	AS SHOWN
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Client no.	HE551497
Drawing number	P02

HE551497 - JAC - LDC - S3_J25 -DR- C-0104

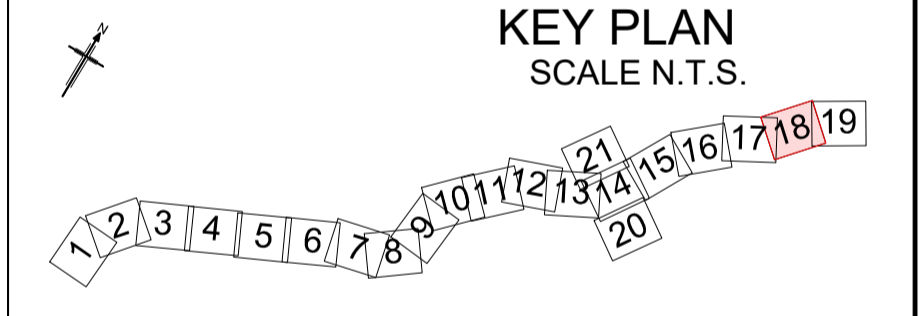
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 - EXISTING CATCHMENT S3-OU16
 - EXISTING CATCHMENT S3-OU17
 - EXISTING CATCHMENT S3-OU33
- PROPOSED CATCHMENT AREAS:**
- PROPOSED CATCHMENT S3-OU15
 - PROPOSED CATCHMENT S3-OU15A
 - PROPOSED CATCHMENT S3-OU15B
 - PROPOSED CATCHMENT S3-OU15C
 - PROPOSED CATCHMENT S3-OU16
 - PROPOSED CATCHMENT S3-OU17
 - PROPOSED CATCHMENT S3-OU30
 - PROPOSED CATCHMENT S3-OU30A
 - PROPOSED CATCHMENT S3-OU32
 - PROPOSED CATCHMENT S3-OU33

- NOTES**
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 - LEVELS ARE IN METRES ABOVE ORDNANCE DATUM (mAOD).
 - REFER TO DRAWING HE551497-JAC-LDC-SCHW-DR-D-0800 FOR KEY PLAN.
 - THESE DRAINAGE AND SURFACE WATER PLANS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS, IN PARTICULAR THE SURFACE WATER DRAINAGE STRATEGY REPORT DOCUMENTED IN APPENDIX 14.6 OF THE ENVIRONMENTAL STATEMENT [TR010060/APP/6.3].
 - ALL SOLID HATCHES SHOW THE PROPOSED HIGHWAY DRAINAGE CATCHMENTS INCLUDING CARRIAGEWAYS, VERGES AND CUTTINGS. FOR DETAILED INFORMATION ON PAVED AREAS (NEW PAVED AREAS AND/OR INCREASE IN PAVED AREAS) AND PROPOSED DRAINAGE CATCHMENTS, REFER TO ANNEX B OF THE SURFACE WATER DRAINAGE STRATEGY REPORT.

- LEGEND**
- ORDER LIMITS
 - PROPOSED HIGHWAY DRAINAGE OUTFALL
 - PROPOSED ATTENUATION POND
 - PROPOSED ATTENUATION POND ACCESS TRACK
 - PROPOSED GEOCELLULAR ATTENUATION STORAGE
 - INDICATIVE OUTFALL ROUTE
 - PROPOSED SWALE/VEGETATED DITCH
 - PRE-EARTHWORKS DRAINAGE (PROPOSED DITCH)
 - PRE-EARTHWORKS DRAINAGE (EXISTING DITCH TO BE RETAINED)
 - PRE-EARTHWORKS DRAINAGE (EXISTING DITCH TO BE ABANDONED)
 - PRE-EARTHWORKS DRAINAGE (DIVERTED/REGRADED DITCH)
 - PRE-EARTHWORKS DRAINAGE (PROPOSED FILTER DRAIN)
 - PRE-EARTHWORKS DRAINAGE (EXISTING FILTER DRAIN TO BE RETAINED)
 - EXISTING CULVERT (TO BE RETAINED)
 - EXISTING CULVERT (TO BE ABANDONED)
 - EXISTING CULVERT (TO BE EXTENDED)
 - PROPOSED CULVERT
 - MINOR WATERCOURSE (TO BE RETAINED)
 - MINOR WATERCOURSE (TO BE ABANDONED)
 - MINOR WATERCOURSE (PROPOSED DIVERSION)
 - PROPOSED FLOOD BUND
 - PROPOSED FLOOD MITIGATION AREA
 - EXISTING WATERBODIES/ MAIN RIVER
 - PROPOSED WATERCOURSE DIVERSION (MAIN RIVER)



P01	22/07/22	FINAL FOR DCO APPLICATION	PJ	AM	JT	SG
P02	04/04/23	DCO CHANGE	VD	AM	AM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
 Development Consent Order Drawing Number: TR010060/APP/2.13



Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

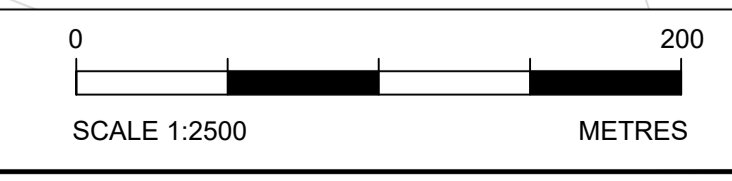
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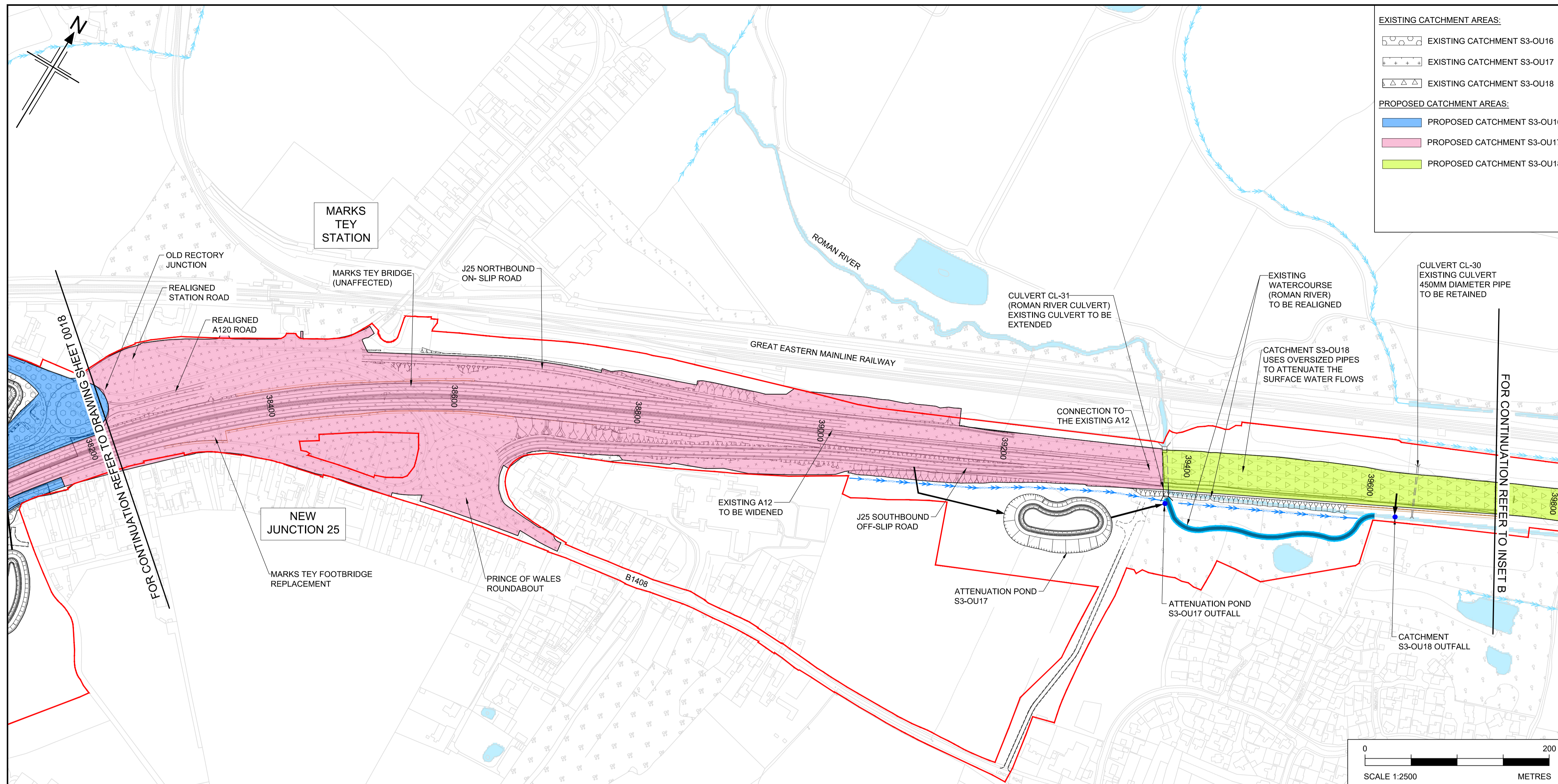
Regulation	REGULATION 113 & 114	
Purpose of issue	DCO EXAM	
State Code	Statutory Procedures and Powers	
Project Stage	PCF 4	Drawing status
Scale at A1 (841x594mm)	1:2500	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P02

Drawing number: HE551497 - JAC - LDC - SCHW - DR - D - 0818
 Location: J25 SOUTHBOUND OFF-SLIP ROAD

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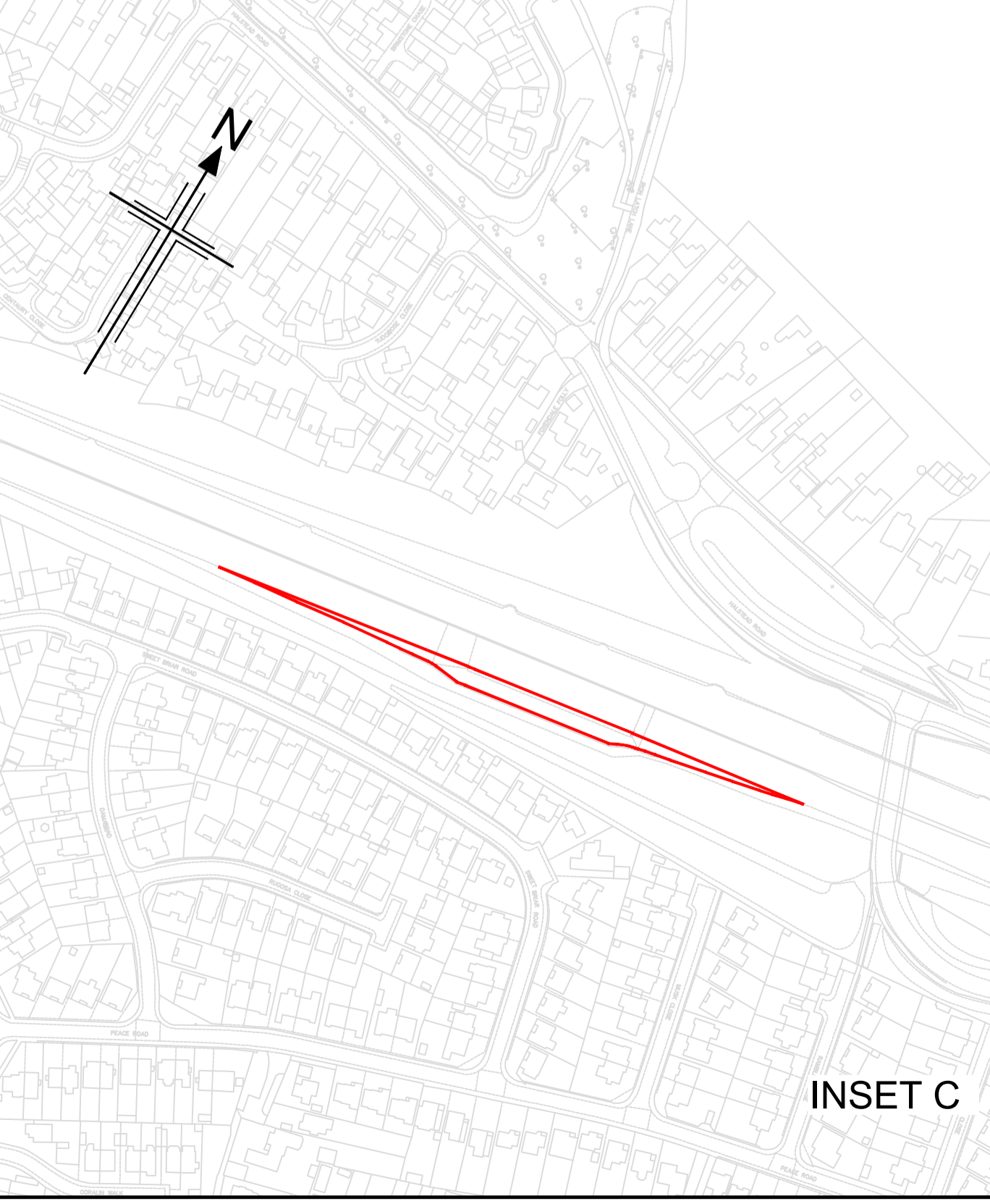
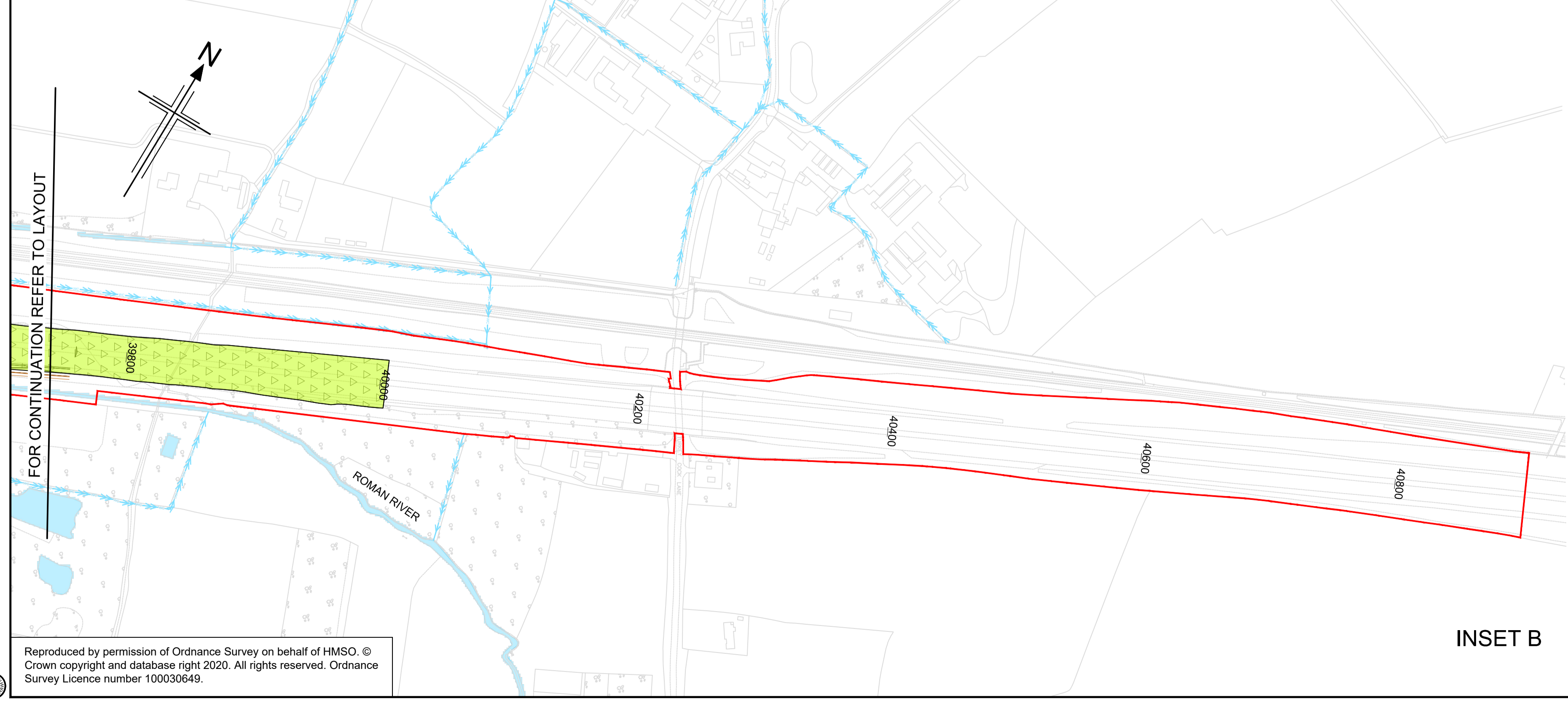
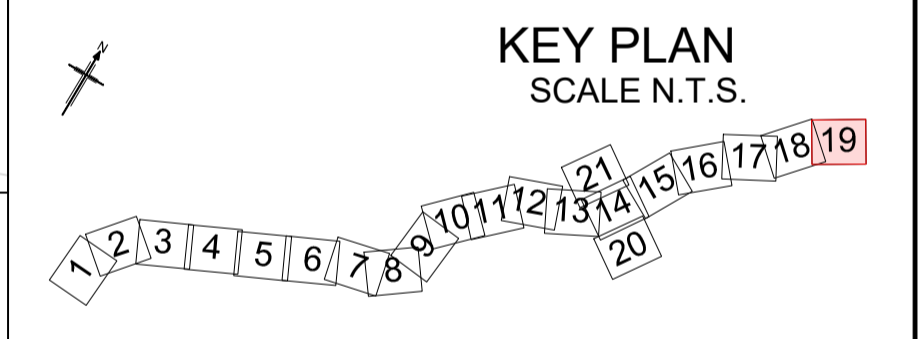




- EXISTING CATCHMENT AREAS:**
- EXISTING CATCHMENT S3-OU16
 - EXISTING CATCHMENT S3-OU17
 - EXISTING CATCHMENT S3-OU18
- PROPOSED CATCHMENT AREAS:**
- PROPOSED CATCHMENT S3-OU16
 - PROPOSED CATCHMENT S3-OU17
 - PROPOSED CATCHMENT S3-OU18

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. LEVELS ARE IN METRES ABOVE ORDNANCE DATUM (mAOD).
 3. REFER TO DRAWING HE551497-JAC-LDC-SCHW-DR-D-0800 FOR KEY PLAN.
 4. THESE DRAINAGE AND SURFACE WATER PLANS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS, IN PARTICULAR THE SURFACE WATER DRAINAGE STRATEGY REPORT DOCUMENTED IN APPENDIX 14.6 OF THE ENVIRONMENTAL STATEMENT (TR010060/APP/6.3).
 5. ALL SOLID HATCHES SHOW THE PROPOSED HIGHWAY DRAINAGE CATCHMENTS INCLUDING CARRIAGEWAYS, VERGES AND CUTTINGS. FOR DETAILED INFORMATION ON PAVED AREAS (NEW PAVED AREAS AND/OR INCREASE IN PAVED AREAS) AND PROPOSED DRAINAGE CATCHMENTS, REFER TO ANNEX B OF THE SURFACE WATER DRAINAGE STRATEGY REPORT.

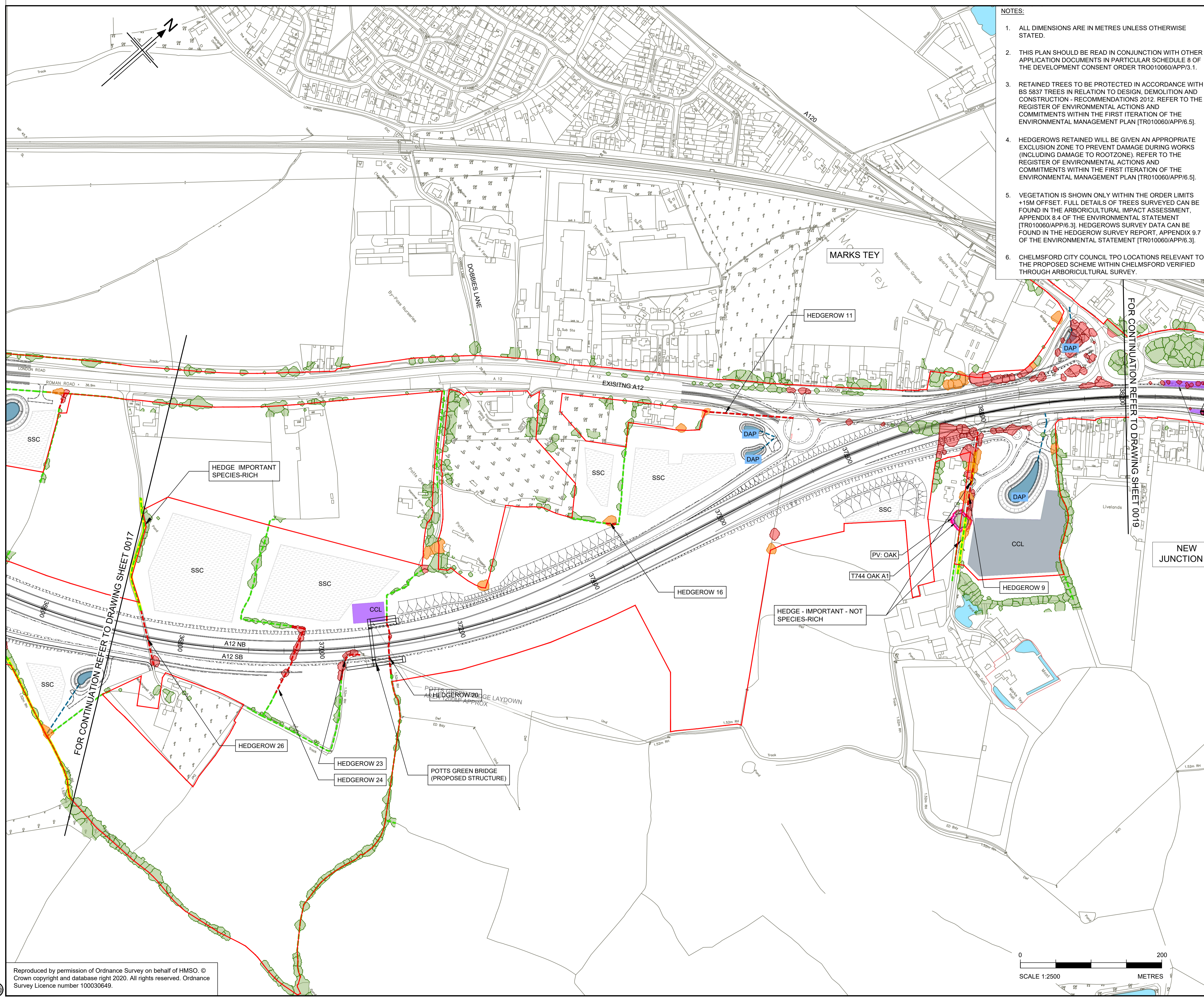
- LEGEND**
- ORDER LIMITS
 - PROPOSED HIGHWAY DRAINAGE OUTFALL
 - PROPOSED ATTENUATION POND
 - PROPOSED ATTENUATION POND ACCESS TRACK
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P01	22/07/22	FINAL FOR DCO APPLICATION	PJ	AM	JT	SG
P02	04/04/23	DCO CHANGE	VD	AM	AM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.13			
Client 						
Project A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title DRAINAGE AND SURFACE WATER PLANS SHEET 19 OF 21						
Regulation	REGULATION 113 & 114					
Purpose of issue	DCO EXAM					
State Code	Statutory Procedures and Powers					
Project Stage	PCF 4	Drawing status				
Scale at A1 (841x594mm)	1:2500	S4				
Jacobs No.	B36601D1	Rev				
Client no.	HE551497	P02				
Drawing number	PIN	Originator	Volume			
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 - CHELMSFORD CITY COUNCIL TPO LOCATIONS RELEVANT TO THE PROPOSED SCHEME WITHIN CHELMSFORD VERIFIED THROUGH ARBORICULTURAL SURVEY.

LEGEND

EXISTING ENVIRONMENTAL FEATURES

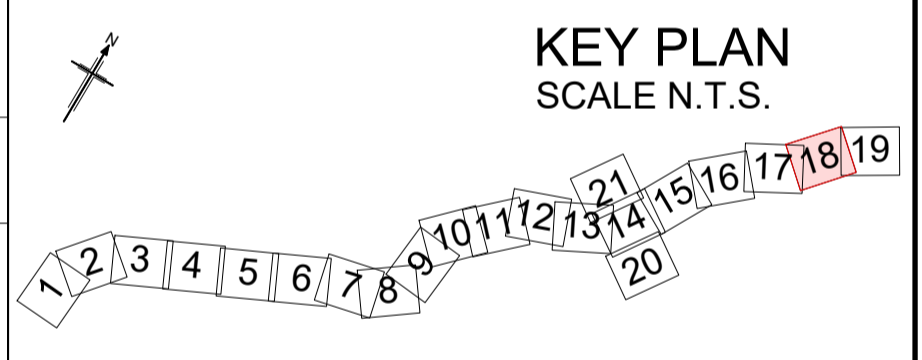
- OPEN WATER
- CONSERVATION AREAS
- ANCIENT WOODLAND
- TREE PRESERVATION ORDER (SHOWN FOR INDIVIDUAL / GROUPS OF TREES)
NOTE: TREE PRESERVATION ORDER DATA IS ILLUSTRATED WITHIN THE EXTENT OF THE ORDER LIMITS PLUS 15M.
- ANCIENT TREE (VA) VERIFIED BY THE WOODLAND TRUST
- NOTABLE TREE (VN) VERIFIED BY THE WOODLAND TRUST
- VETERAN TREE (VV) VERIFIED BY THE WOODLAND TRUST
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- POTENTIAL VETERAN TREE (PV) (INDIVIDUAL)
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- CONFIRMED BAT ROOST TREES (AS RECEIVED FROM ECOLOGICAL SURVEY)
- INDICATIVE CANOPIES OF TREES OVER 3M HIGH (NATIONAL TREE MAP TM © BLUESKY INTERNATIONAL Ltd)
- IMPORTANT HEDGEROWS (HEDGEROW REGULATIONS, 1997) IDENTIFIED IN CHAPTER 9: BIODIVERSITY (DCO DOC REF TR010060/APP/6.1)
- POTENTIALLY IMPORTANT HEDGEROWS (DESKTOP ASSESSMENT)
- HEDGEROWS IDENTIFIED IN CHAPTER 9: BIODIVERSITY (DCO DOC REF TR010060/APP/6.1)

PROPOSED SCHEME FEATURES

- ORDER LIMITS
- PROPOSED TEMPORARY CONSTRUCTION COMPOUND AND/OR LAY DOWN AREAS (CCL)
- PROPOSED TEMPORARY SOIL STORAGE (SSC)
- PROPOSED TEMPORARY HAUL ROAD
- BORROW PIT
- DRAINAGE ATTENUATION POND

TREES AND HEDGEROWS TO BE REMOVED / AT RISK OF REMOVAL

- TREES AT RISK OF BEING REMOVED
- TREES TO BE REMOVED
- HEDGEROWS AT RISK OF BEING REMOVED
- HEDGEROWS TO BE REMOVED



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT
P02	04/04/23	DCO CHANGE	DR	HA	HB	RM

Development Consent Order Number: TR010060
 Development Consent Order Drawing Number: TR010060/APP/2.14

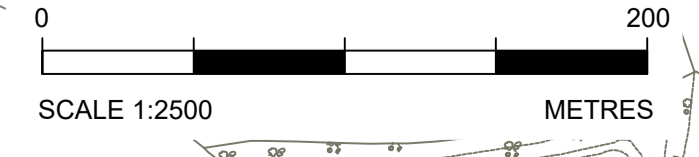


Client: national highways
 Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title:
RETAINED AND REMOVED VEGETATION PLANS
 CH. 36700 TO 38200
 SHEET 18 OF 21

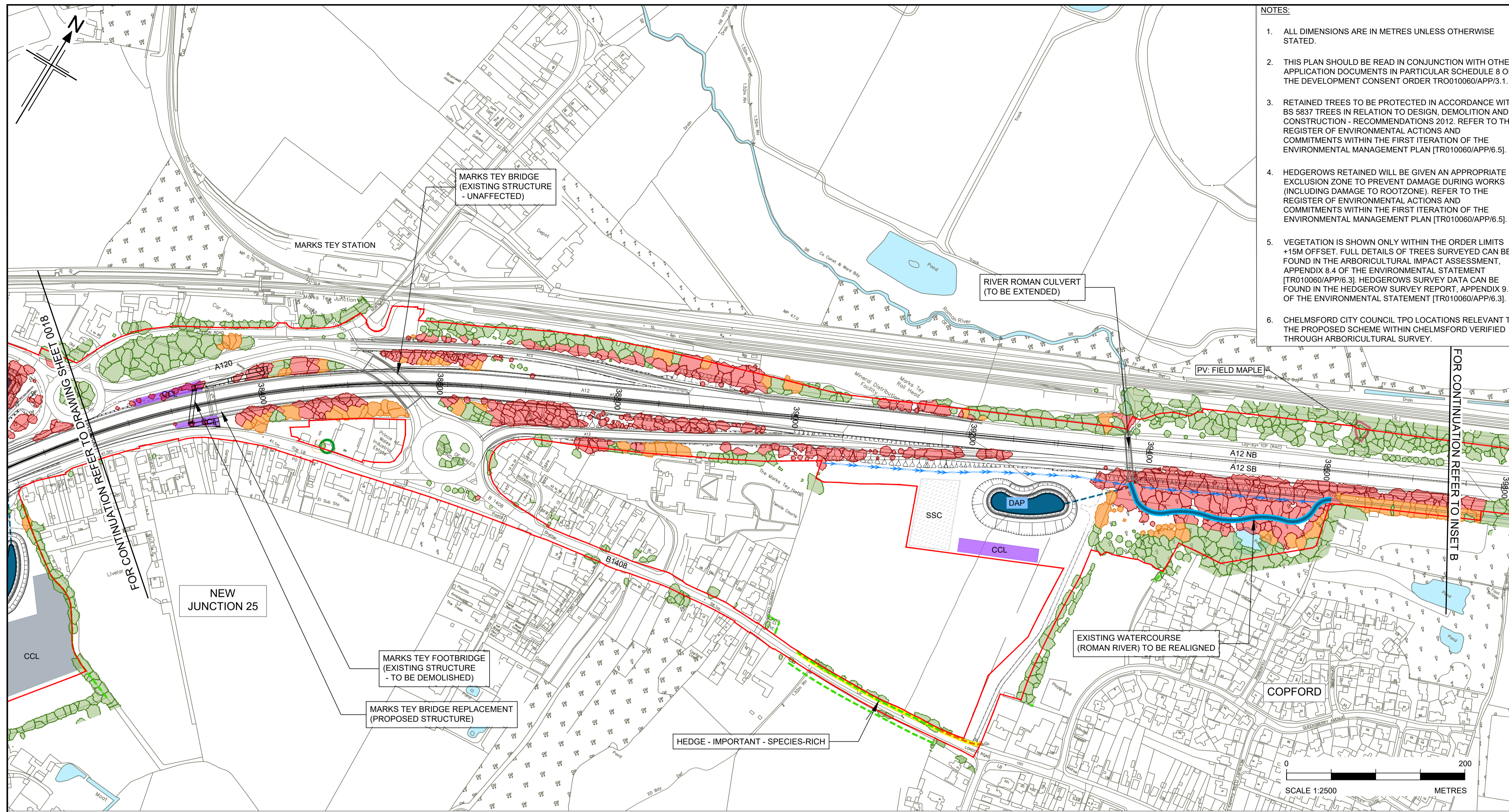
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Purpose of issue	DCO EXAM		
State Code	Statutory Procedures and Powers		
Project Stage	PCF 4	Drawing status	S4
Scale at A1 (841x594mm)	1:2500	Rev	P02
Jacobs No.	B36601D1	Client no.	HE551497

Drawing number: HE551497 - JAC - LDC - SCHW - DR - L - 0118
 PIN: | Originator: | Volume: | Location: | Type: | Role: | Number:



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LEGEND

EXISTING ENVIRONMENTAL FEATURES

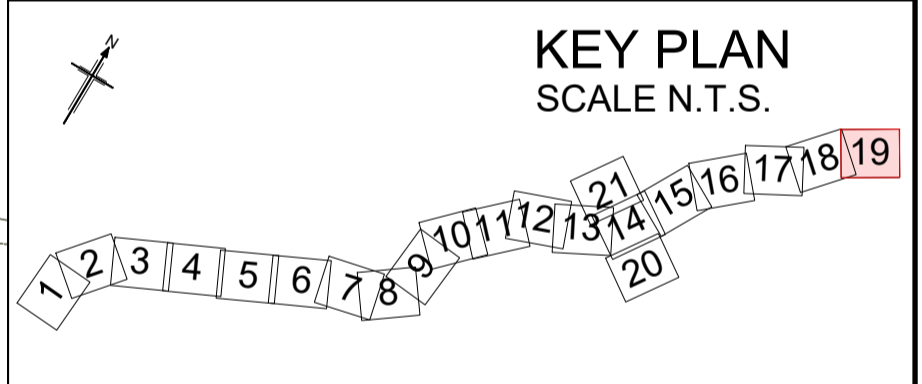
- OPEN WATER
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- ORDER LIMITS
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- HEDGEROWS TO BE REMOVED



P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT
P02	04/04/23	DCO CHANGE	DR	HA	HB	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.14

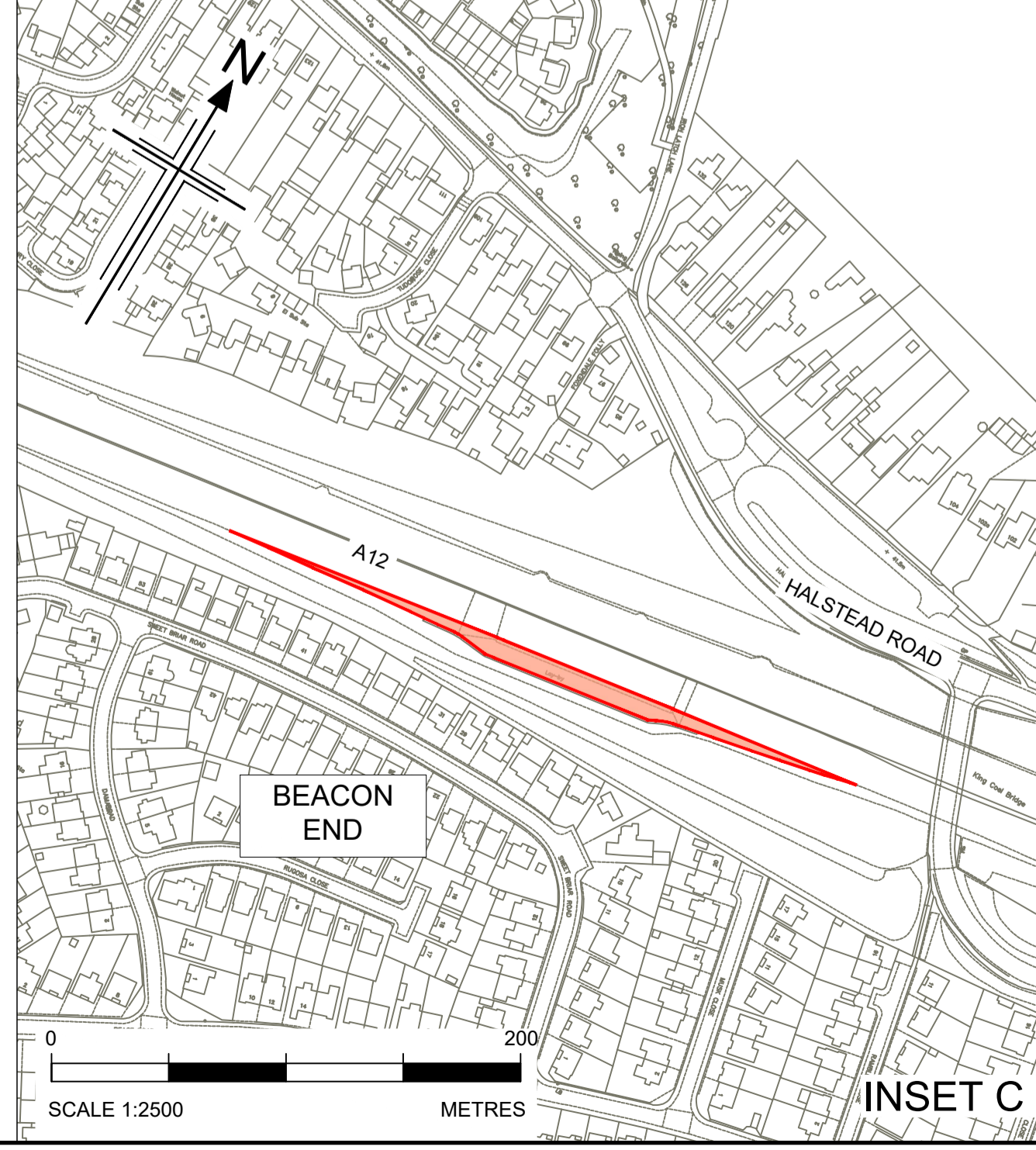
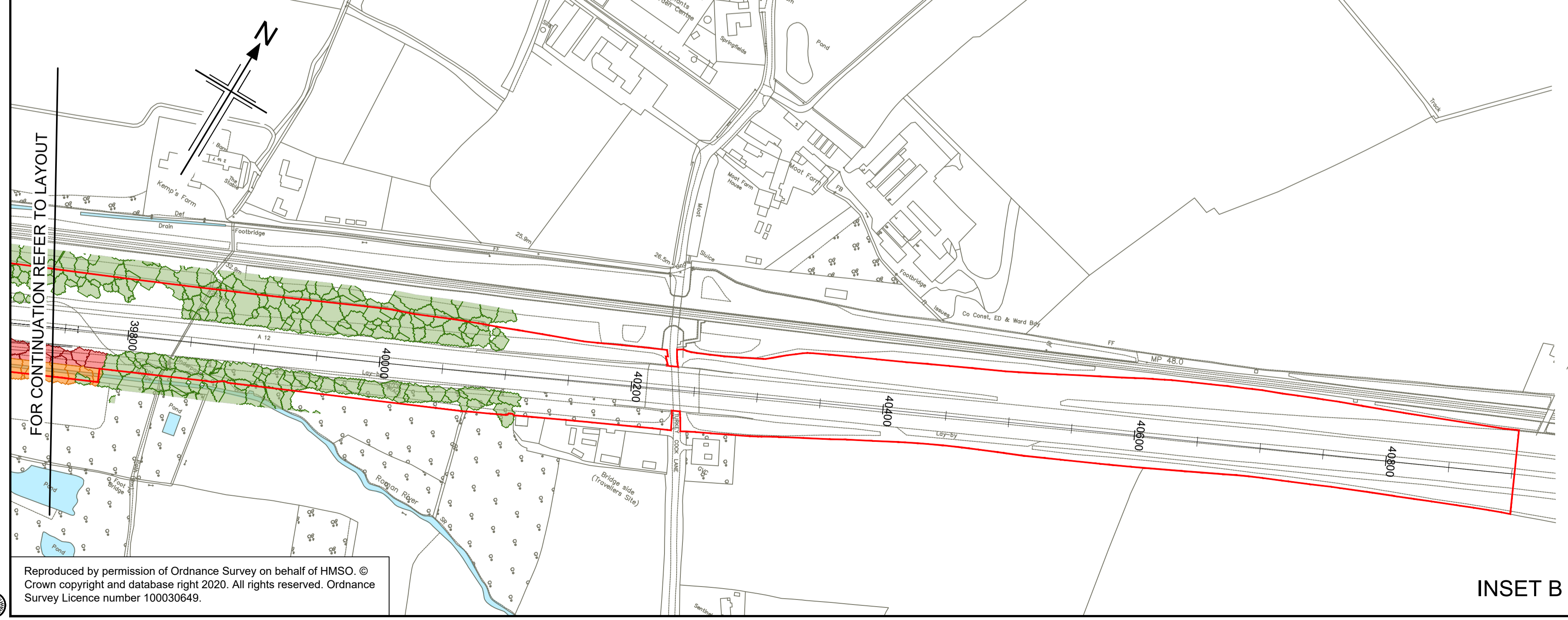


Client: national highways
Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **RETAINED AND REMOVED VEGETATION PLANS**
CH. 38200 TO 39355
SHEET 19 OF 21

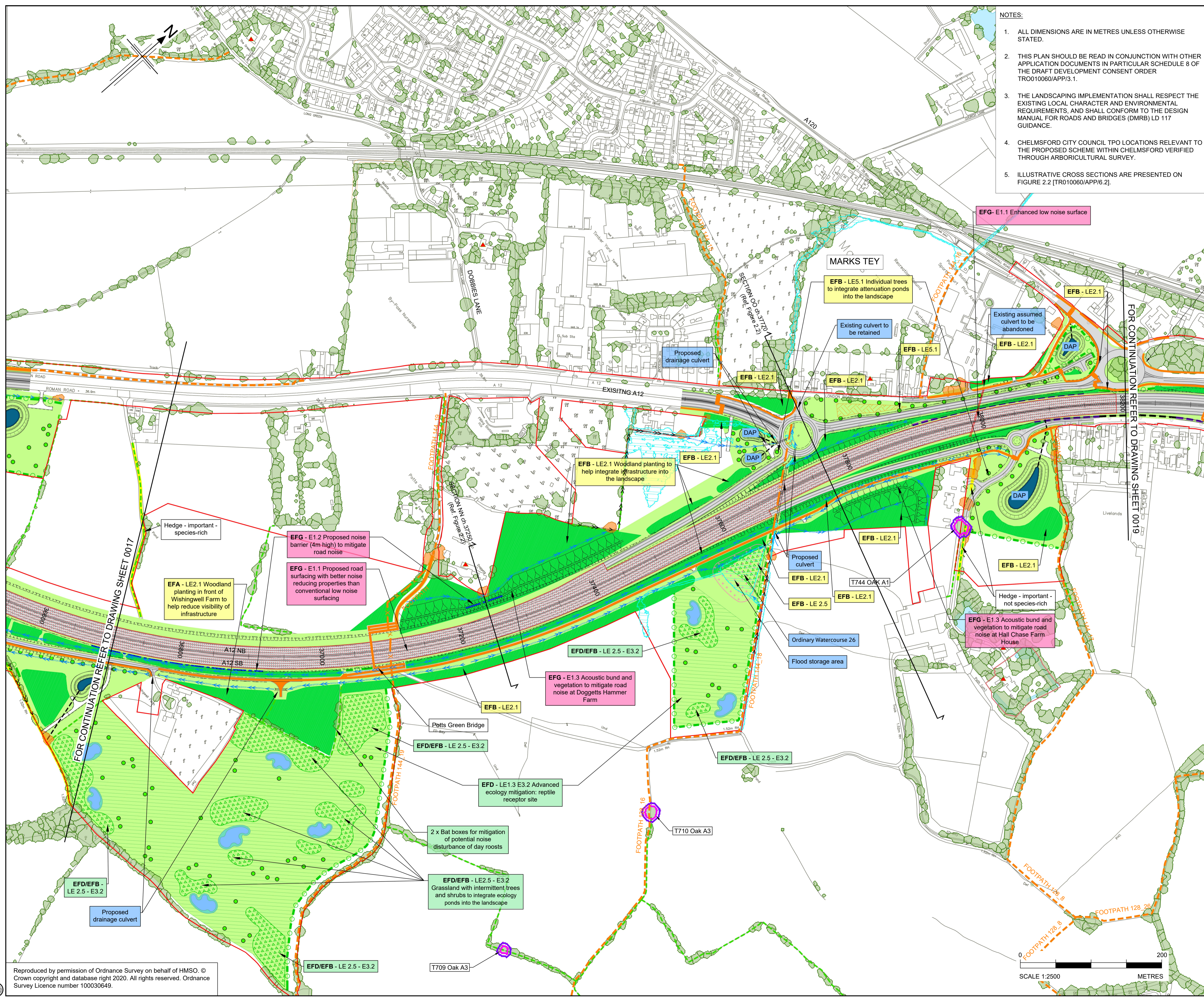
Regulation	REGULATION 113 & 114	
Purpose of issue	DCO EXAM	
State Code	Statutory Procedures and Powers	
Project Stage	PCF 4	Drawing status
Scale at A1 (841x594mm)	1:2500	S4
Jacobs No.	B36601D1	Rev
Client no.	HE551497	P02

Drawing number: HE551497 - JAC - LDC - SCHW - DR - L - 0119
PIN: | Originator: | Volume: | Location: | Type: | Role: | Number:



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- NOTES:**
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 3. THE LANDSCAPING IMPLEMENTATION SHALL RESPECT THE EXISTING LOCAL CHARACTER AND ENVIRONMENTAL REQUIREMENTS, AND SHALL CONFORM TO THE DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB) LD 117 GUIDANCE.
 4. CHELMSFORD CITY COUNCIL TPO LOCATIONS RELEVANT TO THE PROPOSED SCHEME WITHIN CHELMSFORD VERIFIED THROUGH ARBORICULTURAL SURVEY.
 5. ILLUSTRATIVE CROSS SECTIONS ARE PRESENTED ON FIGURE 2.2 [TR0010060/APP/6.2].

FIGURE 2.1

BOUNDARIES

- Order Limits

EXISTING CONTEXT

- Open water
- Indicative canopies of trees over 3m (National Tree Map TM © Bluesky International Ltd): Retained (green); At Risk of Removal (amber)
- Ancient woodland
- Existing hedges: Retained (green); At Risk of Removal (amber); Important hedgerow (bright yellow); Potentially important hedgerow (purple)
- Verified ancient (VA), notable (VN) and veteran (VV) trees by the Woodland Trust
- Potential ancient (PA), notable (PN) and veteran (PV) tree (individual or tree group)
- Trees protected by Tree Preservation Order (group or individual tree)
- Local nature reserve - P3.2 EFD
- Conservation areas - P3.2
- Listed buildings - P3.1
- Registered parks and gardens - P3.2
- Scheduled monument
- Existing public right of way / walking, cycling and horse-riding user route
- Existing public right of way / walking, cycling and horse-riding user route - stopped up

PROPOSED DRAINAGE MITIGATION

- DAP: Drainage attenuation and water treatment pond - outfall designed to environmental best practice
- Underground storage units
- Floodplain with scheme fluvial flood extent 1% (1 in 100) annual exceedance probability
- Flood mitigation areas

PROPOSED ENVIRONMENTAL MITIGATION

- Woodland planting of trees and shrubs - LE2.1/ LE2.2/ LE2.4
- Wet woodland - LE6.1
- Tall screen planting of trees and shrubs to elevate flight path of bats & barn owls - LE2.4
- Individual trees - LE5.1/ LE3.1
- Hedge with intermittent trees for ecological connectivity - LE4.4
- Grassland - LE1.3/ LE1.6
- Grassland with intermittent trees and shrubs - LE2.5
- Ecology mitigation area (advanced/post construction) - E3.2
- Ecological pond (indicative symbol) - LE6.1
- Noise barrier location / Acoustic barrier - E1.2
- New/realigned public right of way / walking, cycling and horse-riding user route - LE7
- Proposed borrow pit

ENVIRONMENTAL FUNCTIONS KEY

- Landscape
- Ecology
- Acoustics
- Water
- Heritage
- Contaminated Land

*For main legend refer to sheet 22 (HE551497-JAC-LDC-SCHW-DR-L-0222)

KEY PLAN
SCALE N.T.S.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

P01	04/08/22	FOR DCO APPLICATION	DR	HA	HM	DT
P02	04/04/23	DCO CHANGE	DR	HA	HB	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/6.2

Client: **national highways**

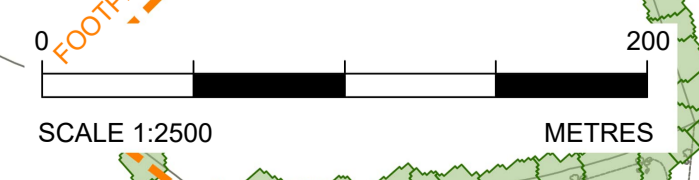
Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

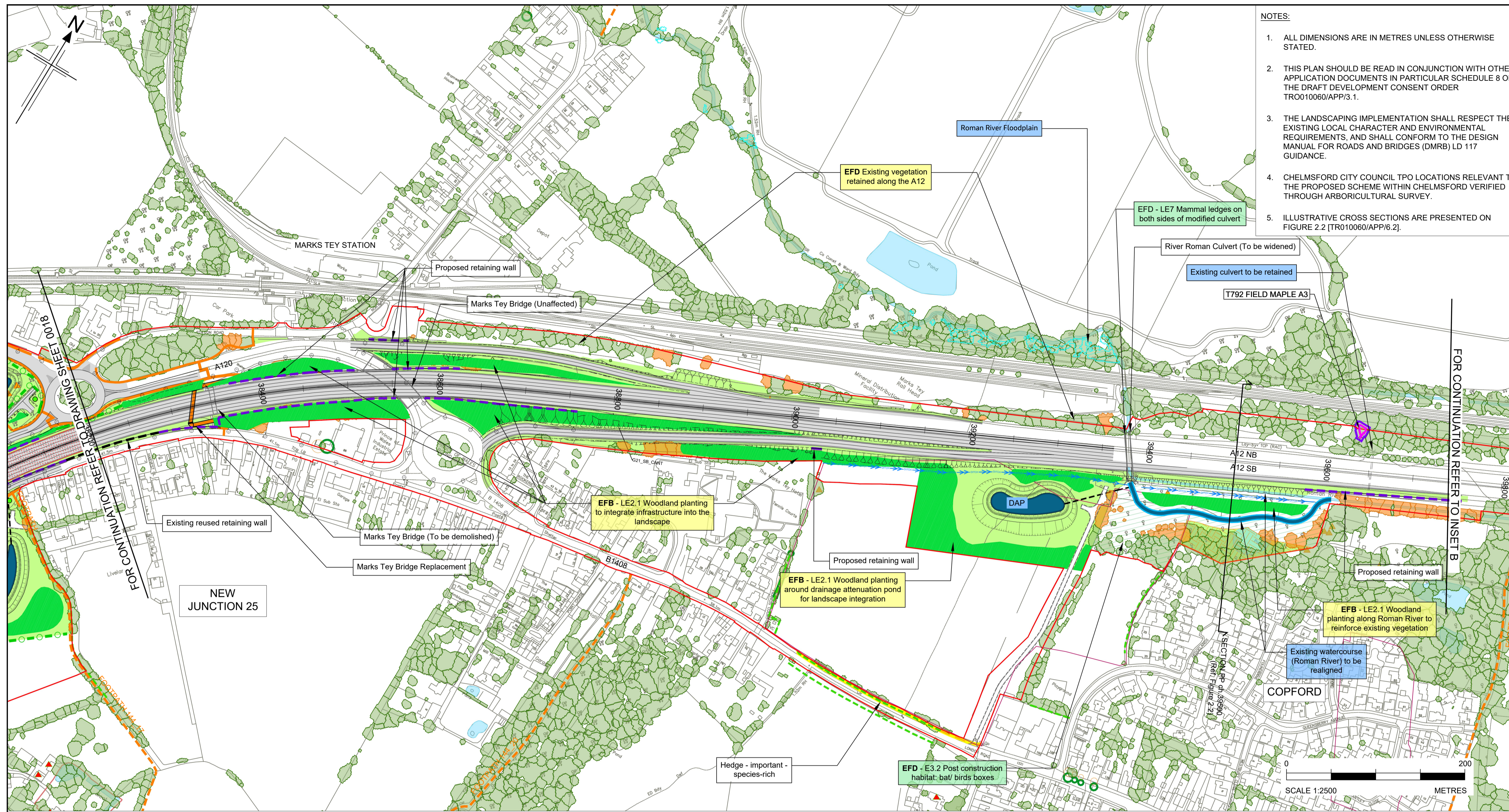
Drawing title: **ENVIRONMENTAL STATEMENT ENVIRONMENTAL MASTERPLAN CH. 36700 TO 38200 SHEET 18 OF 21**

Regulation	REGULATION 113 & 114	
Purpose of issue	DCO EXAM	
State Code	Statutory Procedures and Powers	
Project Stage	PCF 4	
Scale at A1 (841x594mm)	1:2500	
Jacobs No.	B36601D1	
Client no.	HE551497	
Drawing number	P02	
PIN	Originator	Volume
HE551497 - JAC - LDC - SCHW	-DR-	L-0218

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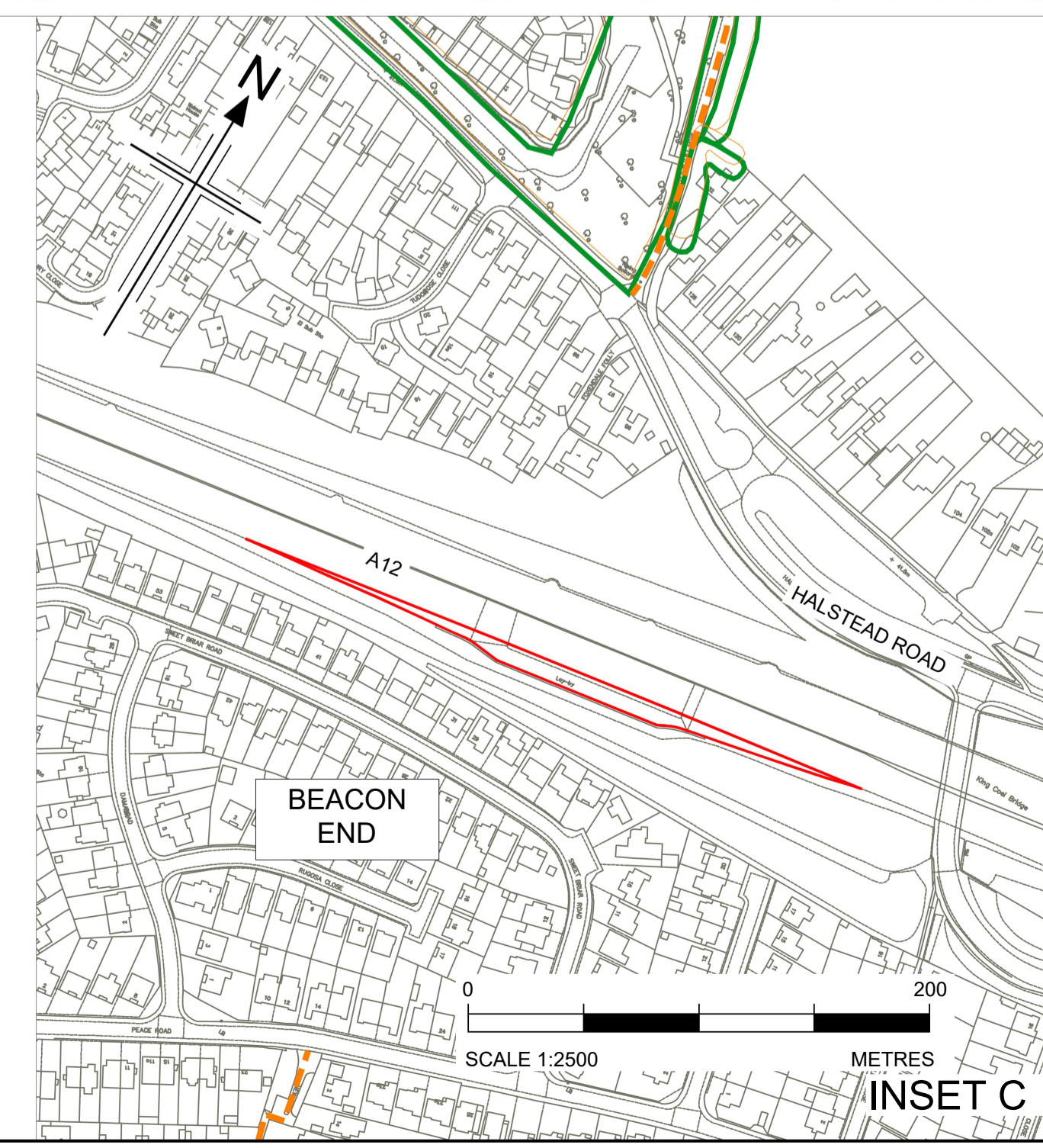
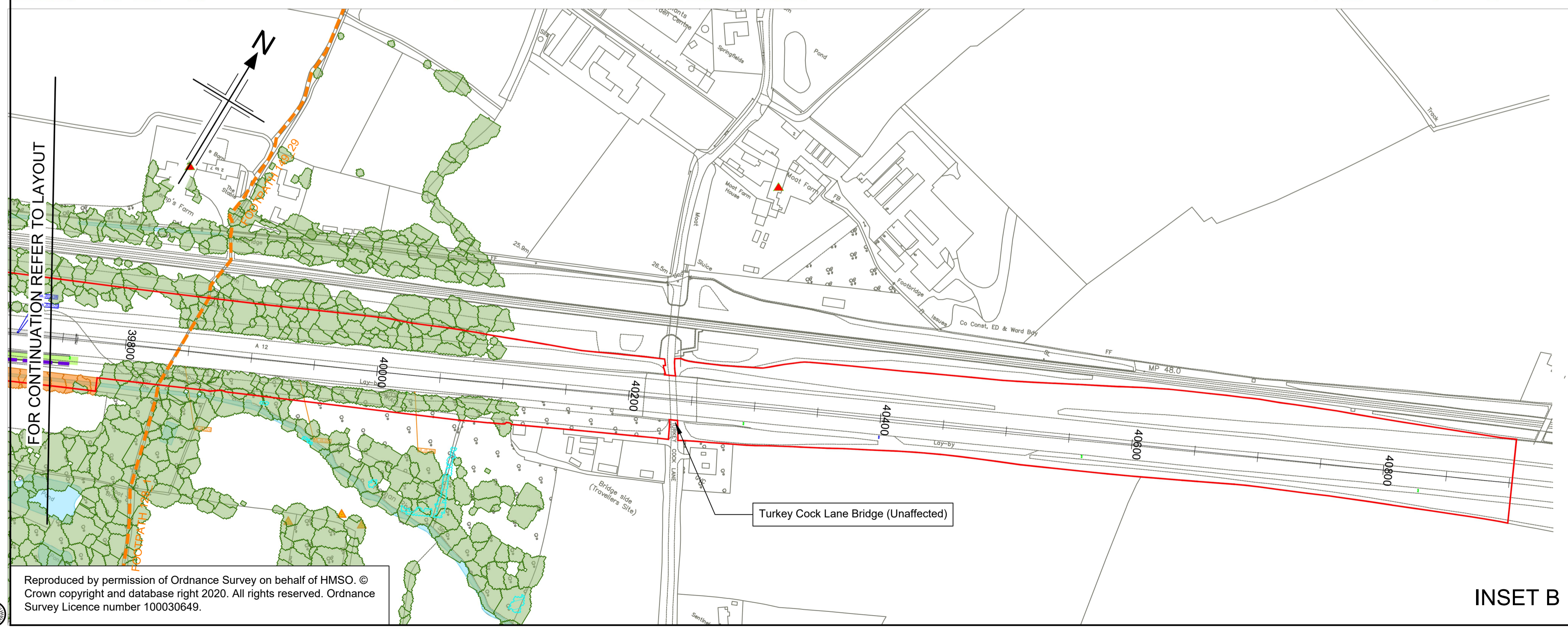
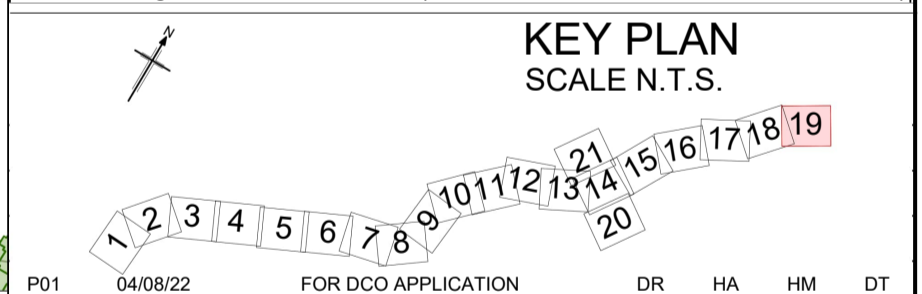
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- Proposed borrow pit

ENVIRONMENTAL FUNCTIONS KEY

Landscaping	Ecology	Acoustics
Water	Heritage	Contaminated Land

For main legend refer to sheet 22 (HE551497-JAC-LDC-SCHW-DR-L-0222)



P01	04/08/22	FOR DCO APPLICATION	DR	HA	HM	DT
P02	04/04/23	DCO CHANGE	DR	HA	HB	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Development Consent Order Number: TR010060			Development Consent Order Drawing Number: TR010060/APP/6.2			
Client:						
Project: A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title: ENVIRONMENTAL STATEMENT ENVIRONMENTAL MASTERPLAN CH. 38200 TO 39355 SHEET 19 OF 21						
Regulation	REGULATION 113 & 114					
Purpose of issue	DCO EXAM					
State Code	Statutory Procedures and Powers					
Project Stage	PCF 4	Drawing status				
Scale at A1 (841x594mm)	1:2500	S4				
Jacobs No.	B36601D1	Rev				
Client no.	HE551497	P02				
Drawing number	PIN	Originator	Volume			
HE551497 -	JAC	LDC -				
SCHW	-DR-	L-0219				

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