

A12 Chelmsford to A120 widening scheme

TR010060

**DEVELOPMENT CONSENT ORDER CHANGE
APPLICATION CONSULTATION**

**Map Book 1: Junction 19 Slip Road
Part 2 of 2**

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.

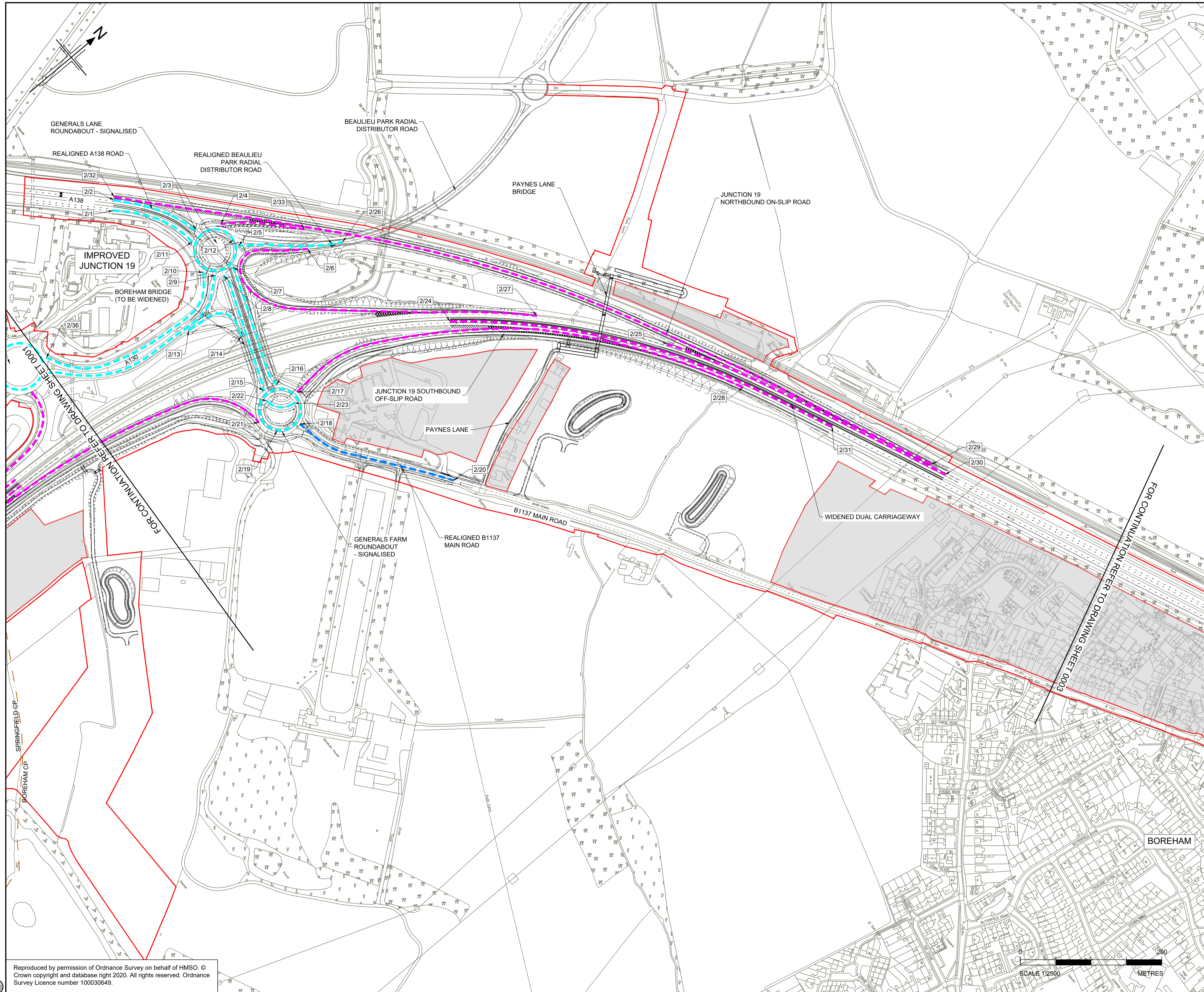
Map Book 1: Junction 19 Slip Road

The accepted Application included a proposed northbound slip road for traffic from the Beaulieu Park distributor road to join the A12 via the existing A130. The new design has the northbound slip road for traffic from the Beaulieu Park distributor road joining the A12 itself via its own slip road.

A list of plans that have been updated to show this change is included in the Schedule of Plans. Map Book 1 consists of two parts with the drawings in each part indicated in the table as follows:

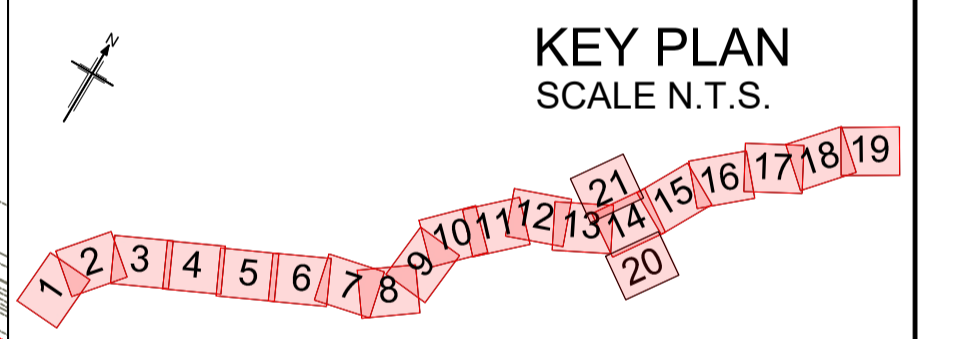
- Map Book 1 Part 1
- Map Book 1 Part 2

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-0022	General Arrangement Plans Ch. 10600 to Ch. 12100 Sheet 2 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0922	DCO Works Plans Legend	P03
HE551497-JAC-LDC-SCHW-DR-C-0902	DCO Works Plans - Permanent Works Sheet 2 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-1932	DCO Works Plans - Utility Diversions Sheet 2 of 21	P02
HE551497-ARD-LDC-SCHW-DR-X-0302	Land Plans Sheet 2 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0102	Traffic Regulation Measures Speed Limits Sheet 2 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0202	Traffic Regulation Measures Movement Restrictions Sheet 2 of 21	P02
PART 2		
HE551497-JAC-LDC-SCHW-DR-C-0602	Classification of Roads Plans Sheet 2 of 21	P02
HE551497-JAC-LDC-SCHW-DR-C-0502	Streets, Rights of Way and Access Plans Sheet 2 of 21	P04
HE551497-JAC-LDC-SCHW-DR-C-0702	De-Trunking and Stopping Up Plans Sheet 2 of 21	P02
HE551497-JAC-LDC-S1_J19-DR-C-0103	Engineering Sections (Plan and Profiles) Junction 19 Sheet 3 of 5	P02
HE551497-JAC-LDC-SCHW-DR-D-0802	Drainage and Surface Water Plans Sheet 2 of 21	P02
HE551497-JAC-LDC-SCHW-DR-L-0102	Retained and Removed Vegetation Plans Ch. 10600 to Ch. 12100 Sheet 2 of 21	P02
HE551497-JAC-LDC-SCHW-DR-L-0202	Environmental Statement Environmental Masterplan Ch. 10600 to Ch. 12100 Sheet 2 of 21	P02



- NOTES**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA.
 - THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 3 OF THE DEVELOPMENT CONSENT ORDER.

- LEGEND**
- PROPOSED TRUNK ROAD
 - PROPOSED CLASSIFIED A ROADS
 - PROPOSED CLASSIFIED B ROADS
 - PROPOSED CLASSIFIED C ROADS
 - PROPOSED UNCLASSIFIED ROADS
 - PARISH BOUNDARY
 - ADMINISTRATIVE BOUNDARY
 - ORDER LIMITS
 - ORDER LIMITS EXCLUSION ZONE
 - ROAD CLASSIFICATION - REFERENCE LABEL
 - NB NORTHBOUND
 - EB EASTBOUND
 - SB SOUTHBOUND
 - WB WESTBOUND



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
P02	03/04/23	DCO CHANGES	OB	LH	RM	RM

Development Consent Order Number: TR010060
 Development Consent Order Drawing Number: TR010060/APP/2.4



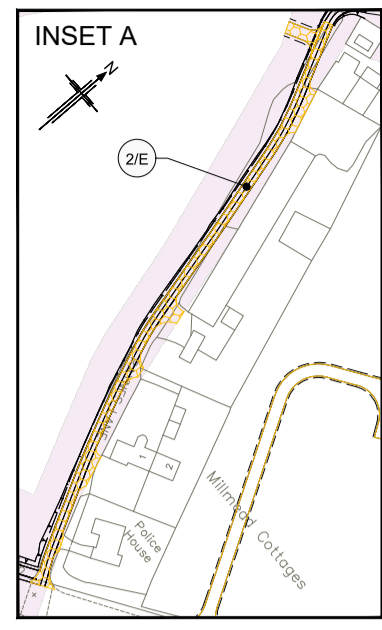
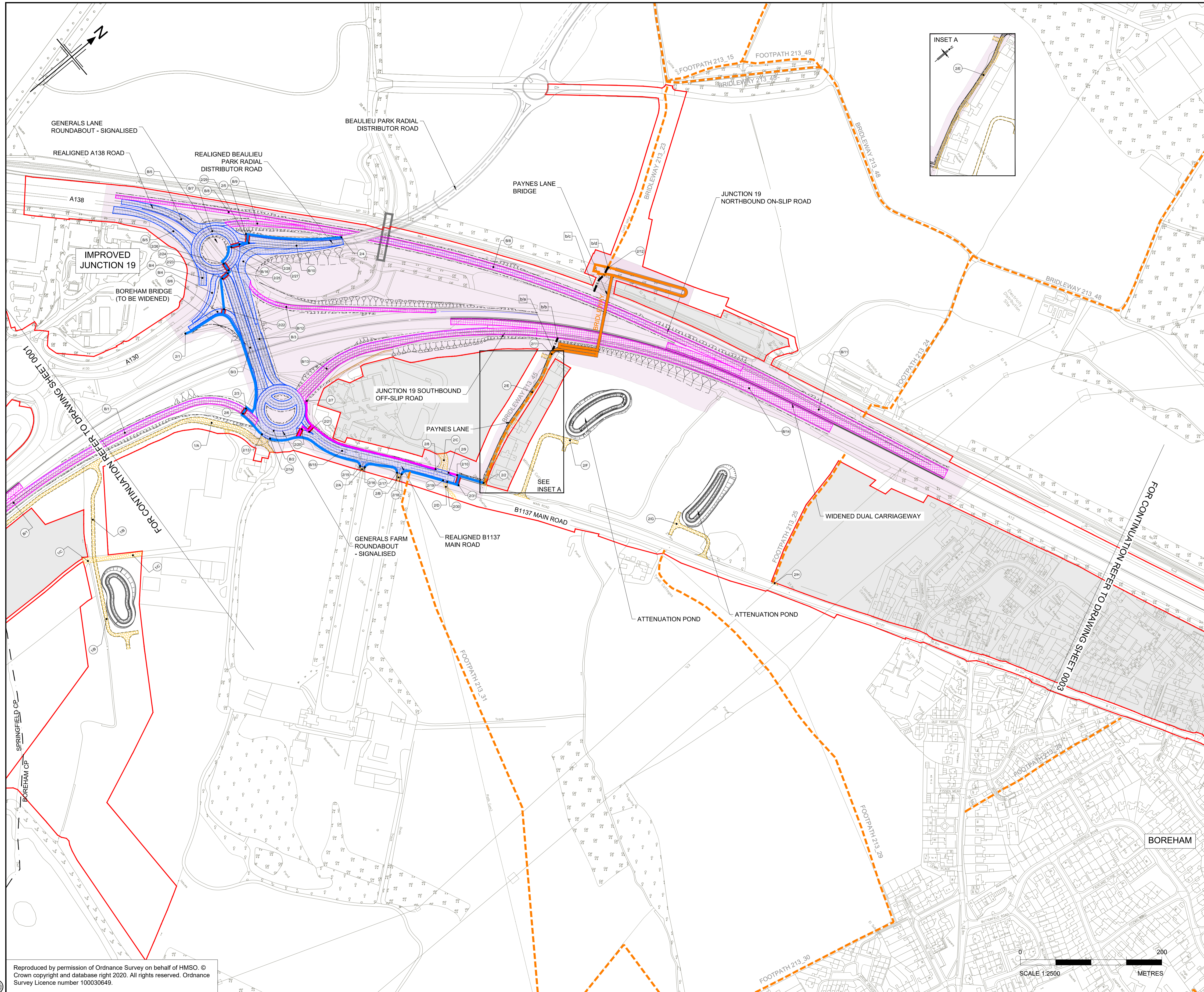
Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **CLASSIFICATION OF ROADS PLANS**
SHEET 02 OF 21

Regulation	REGULATION 113 & 114		
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- C -0602		

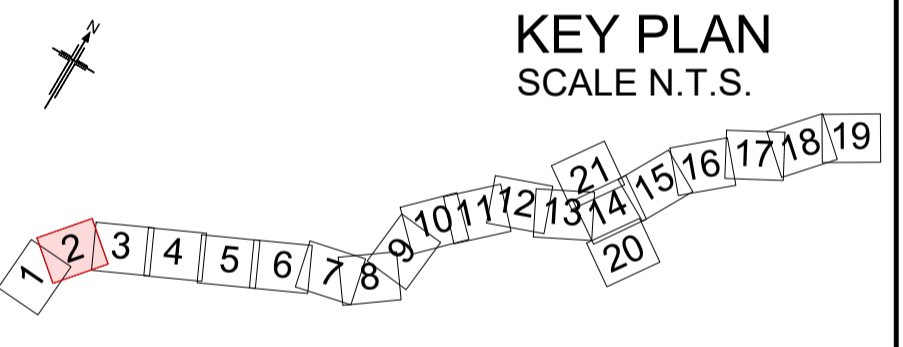
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- NOTES**
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- LEGEND**
- EXISTING PRIVATE MEANS OF ACCESS TO BE STOPPED UP
 - NEW HIGHWAY - TRUNK ROAD
 - NEW HIGHWAY - NON-TRUNK ROAD
 - NEW PRIVATE MEANS OF ACCESS
 - NEW PRIVATE MEANS OF ACCESS WITH PHYSICAL WORKS
 - NEW CYCLE TRACK
 - NEW FOOTWAY
 - NEW FOOTPATH / BRIDLEWAY
 - NEW HIGHWAY - REFERENCE LABEL
 - EXISTING PRIVATE MEANS OF ACCESS TO BE STOPPED UP - REFERENCE LABEL
 - NEW PRIVATE MEANS OF ACCESS - REFERENCE LABEL
 - PUBLIC RIGHT OF WAY TO BE STOPPED UP - REFERENCE LABEL
 - NEW FOOTWAY / FOOTPATH / CYCLE TRACK / BRIDLEWAY - REFERENCE LABEL
 - ORDER LIMITS
 - PARISH BOUNDARY
 - ADMINISTRATIVE BOUNDARY
 - PUBLIC RIGHT OF WAY TO BE STOPPED UP
 - EXISTING PUBLIC RIGHT OF WAY
 - EXISTING CYCLE TRACK
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT
 - CONTROLLED CROSSING LOCATION
 - UNCONTROLLED CROSSING LOCATION
 - NORTHBOUND
 - SOUTHBOUND
 - LIMITS OF DEVIATION FOR NEW & IMPROVED FOOTWAY, FOOTPATH, CYCLE TRACK OR BRIDLEWAY



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
P02	05/10/22	FINAL FOR DCO SUBMISSION	ES	CA	RM	RM
P03	04/04/23	DCO CHANGE	AE	LH	RM	RM
P04	05/04/23	DCO CHANGE	AE	LH	RM	RM

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010060	TR010060/APP/2.6



Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
STREETS, RIGHTS OF WAY AND ACCESS PLANS SHEET 2 OF 21

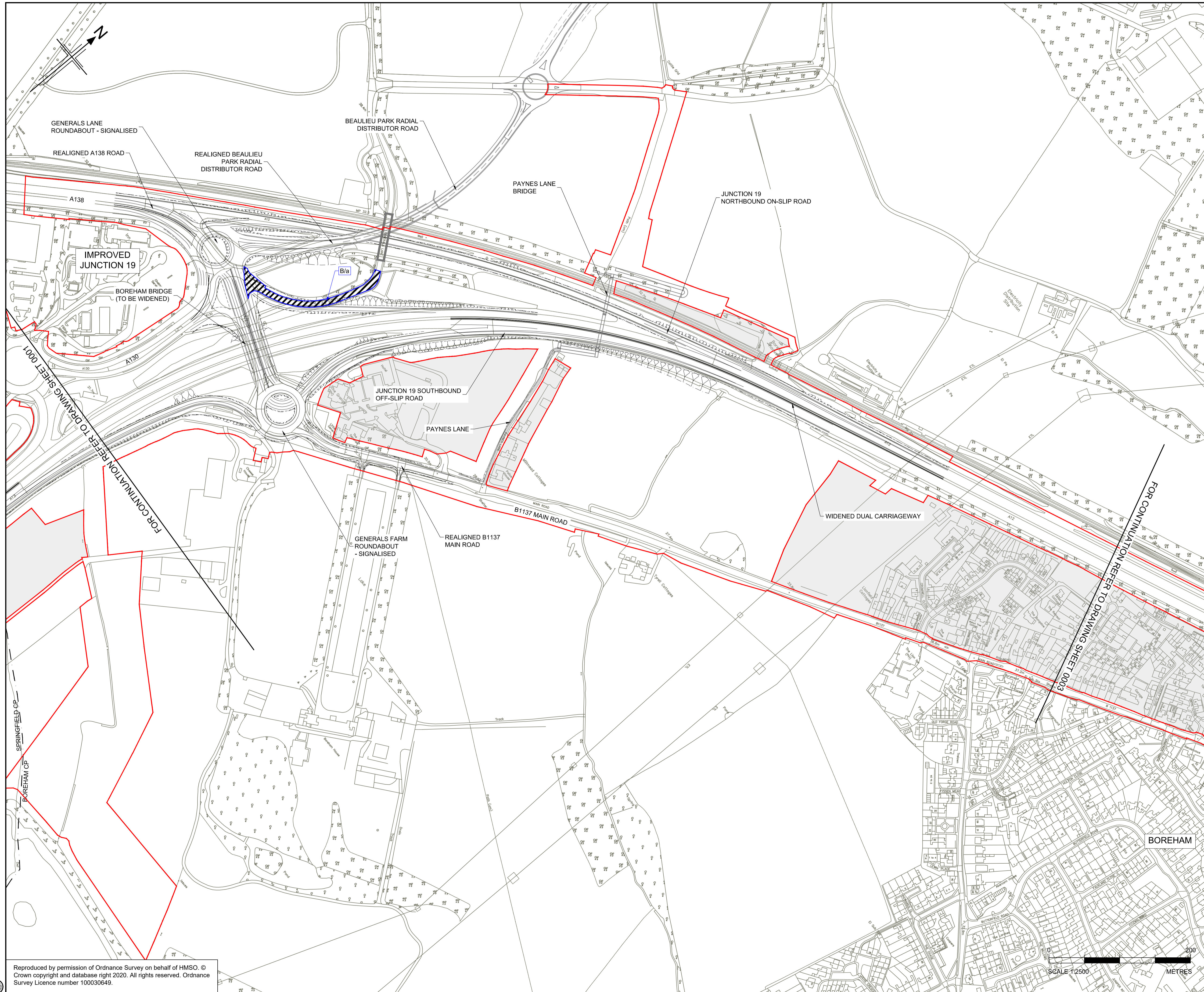
Regulation	REGULATION 113 & 114
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	P04

HE551497 - JAC - LDC - SCHW -DR- C -0502

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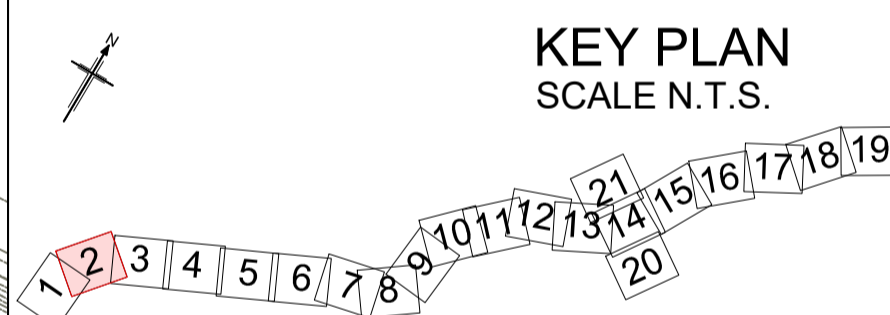
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- NOTES
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 3. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS.

- HIGHWAY TO BE DE-TRUNKED
- PARISH BOUNDARY
- ORDER LIMITS
- ADMINISTRATIVE BOUNDARY
- LAND NOT INCLUDED WITHIN ORDER LIMITS
- HIGHWAY TO BE STOPPED UP
- HIGHWAY TO BE DE-TRUNKED - REFERENCE LABEL
- HIGHWAY TO BE STOPPED UP - REFERENCE LABEL



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	01/08/22	DCO APPLICATION	ES	CA	CA	DT
P02	03/04/23	DCO CHANGE	MB	LH	RM	RM

Development Consent Order Number:	TR010060	Development Consent Order Drawing Number:	TR010060/APP/2.10
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Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

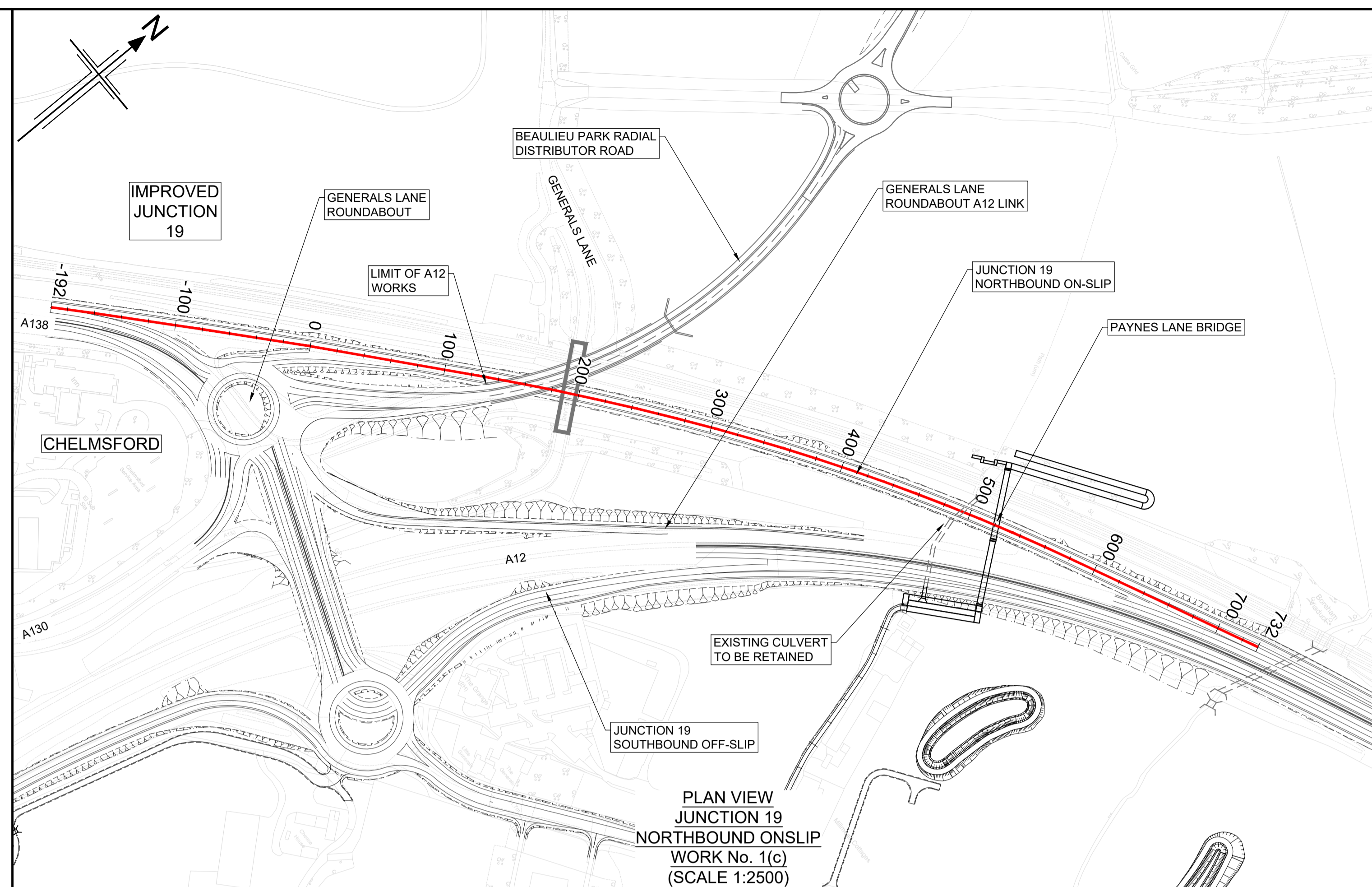
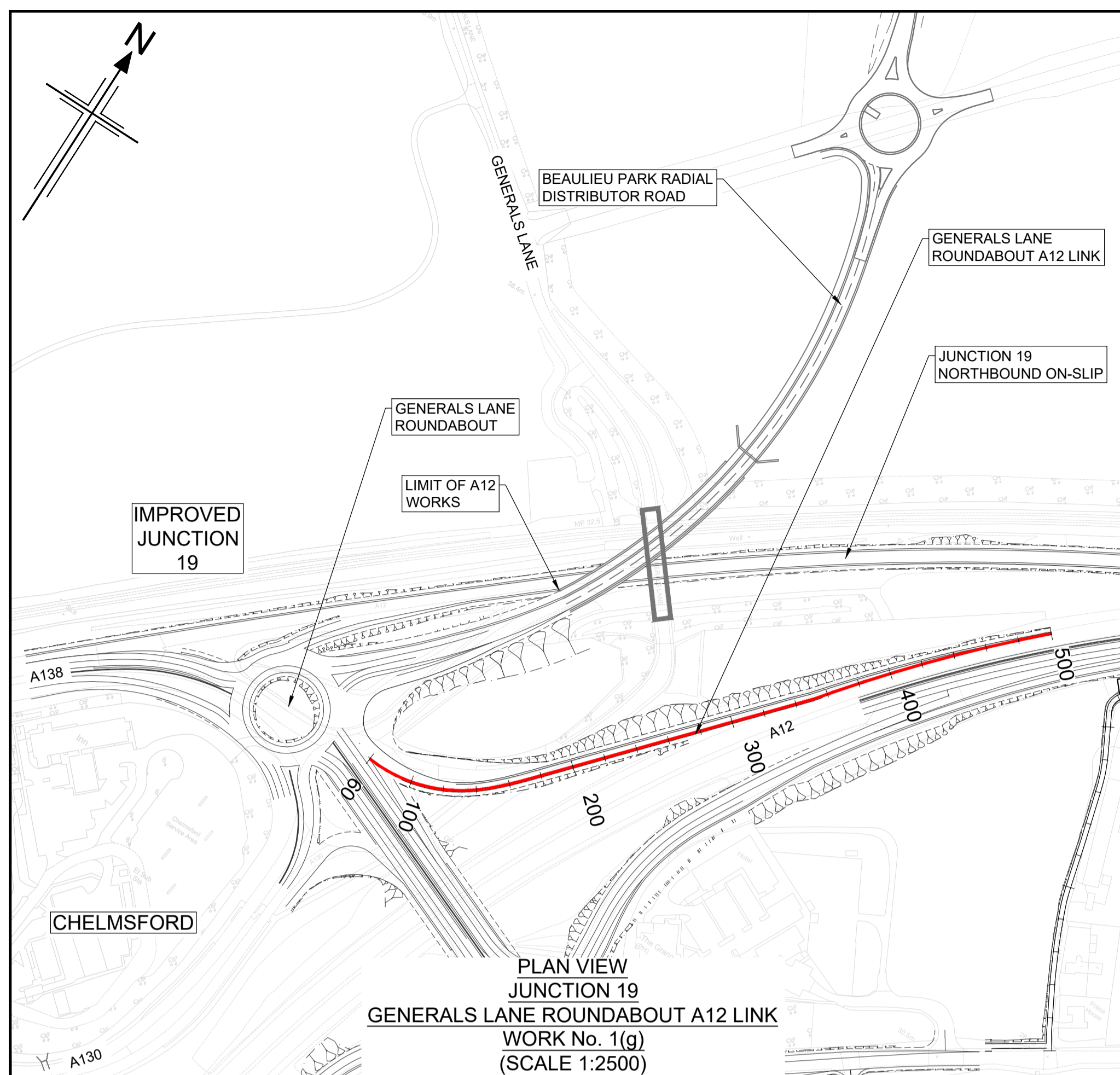
Drawing title
DE-TRUNKING AND STOPPING UP PLANS SHEET 02 OF 21

Regulation	REGULATION 113 & 114		
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
PIN | Originator | Volume
HE551497 - JAC - LDC -
Location | Type | Role | Number
SCHW -DR- C -0702

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NOTES

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- 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

- CHAINAGE
- CENTRELINE OF NEW ROAD

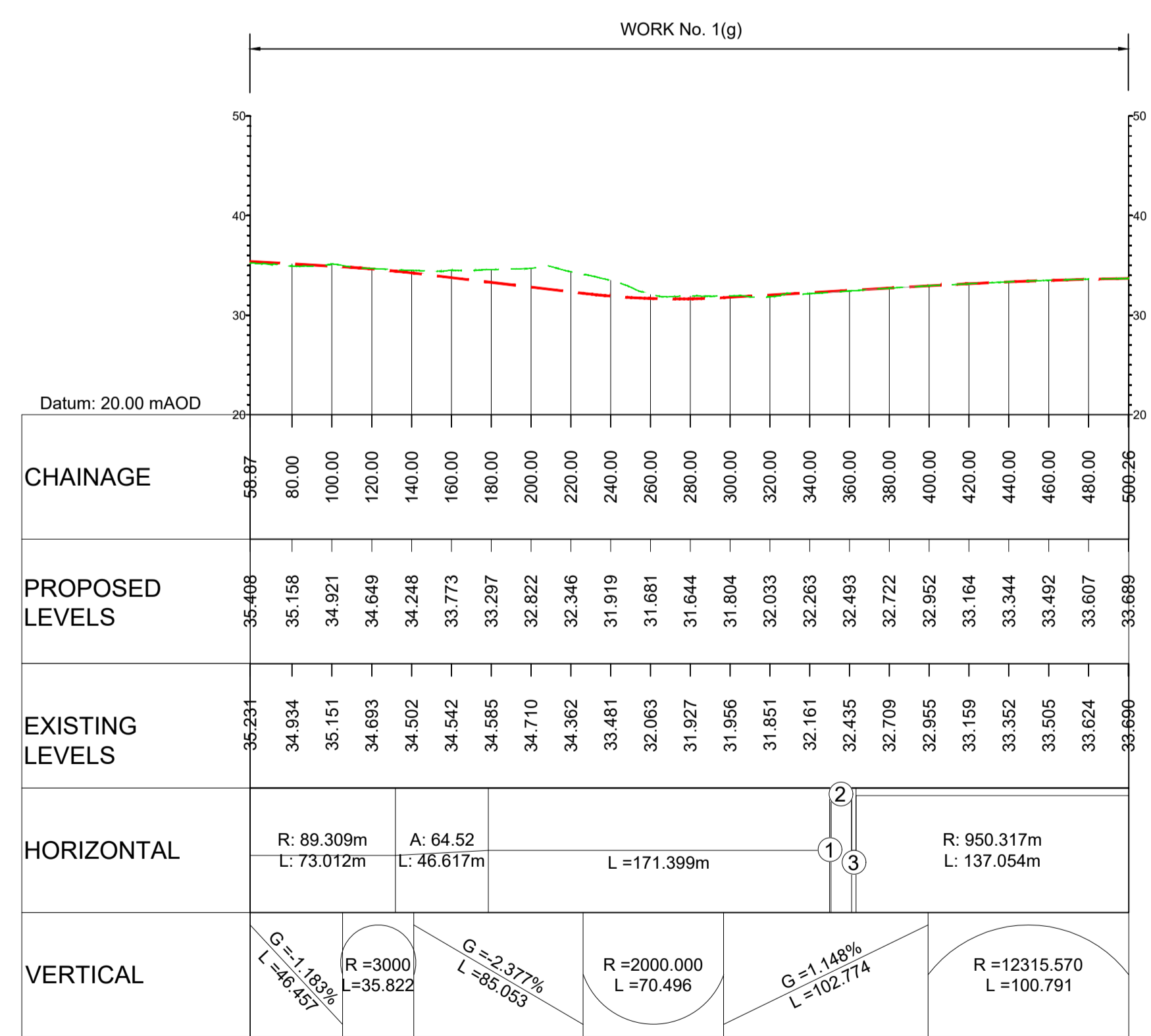
PROFILE

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

0 200
SCALE 1:2500 METRES

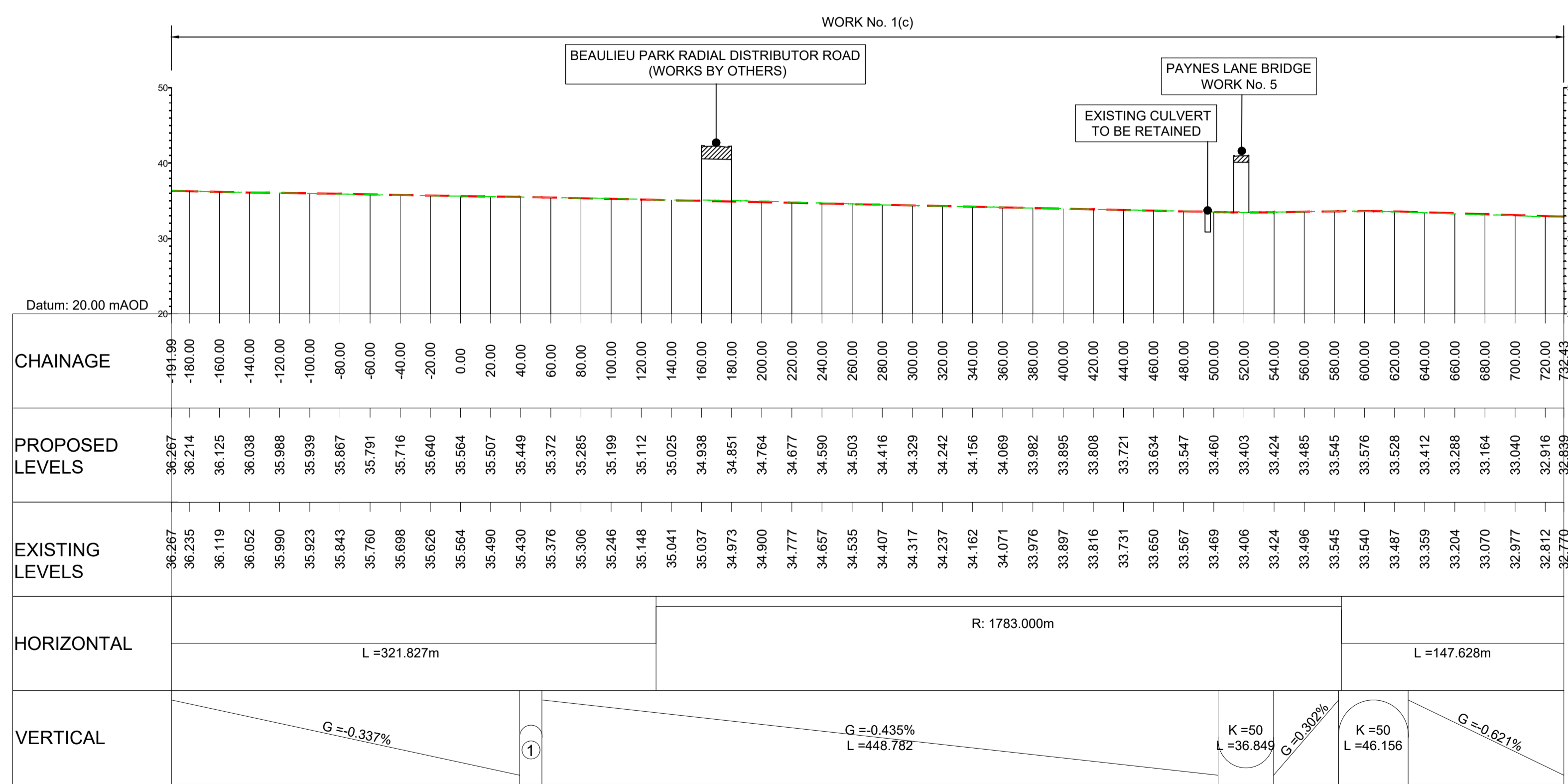
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SCALE 1:500 METRES

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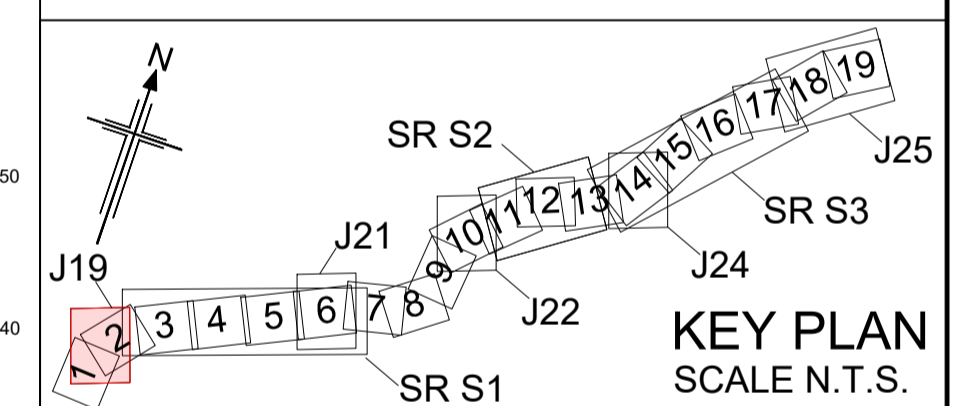
① L = 0.725m R = 10m
② L = 10.381m R = 971.737m
③ L = 2.205m

**LONGITUDINAL SECTION
JUNCTION 19
GENERALS LANE ROUNDABOUT A12 LINK
(SCALE H=1:2500, V=1:500)**



① K = 100; L = 14.772

**LONGITUDINAL SECTION
JUNCTION 19
NORTHBOUND ONSLIP
(SCALE H=1:2500, V=1:500)**



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
P02	03/04/23	DCO CHANGE	AE	LH	RM	RM

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

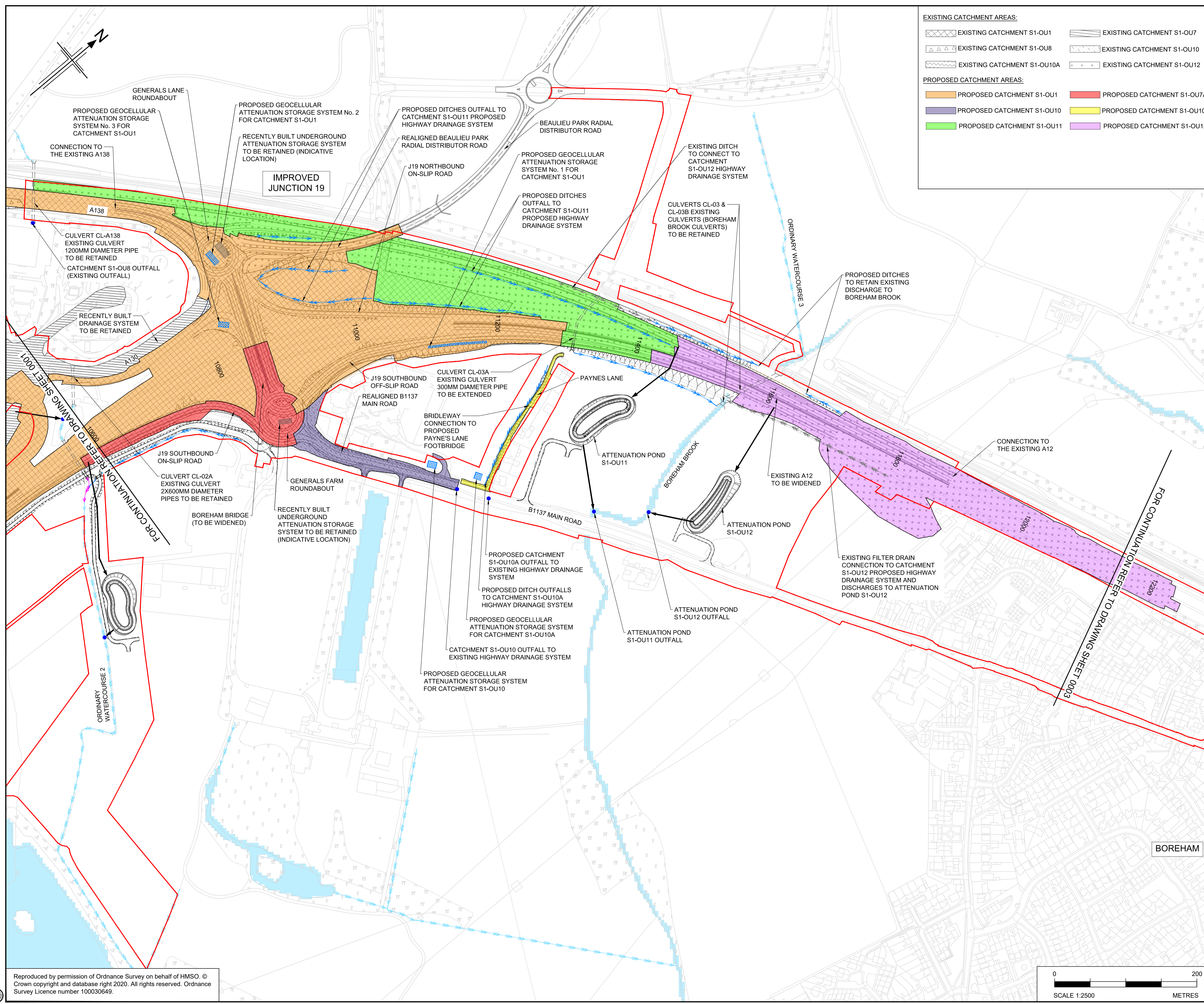


Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

**ENGINEERING SECTIONS
(PLAN AND PROFILES)
JUNCTION 19 SHEET 3 OF 5**

Regulation	REGULATION 113 & 114
Purpose of issue	DCO APPLICATION
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (84x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	HE551497 - JAC - LDC - S1_J19
Originator	JAC
Volume	-DR- C-0103

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EXISTING CATCHMENT AREAS:

- EXISTING CATCHMENT S1-OU1
- EXISTING CATCHMENT S1-OU7
- EXISTING CATCHMENT S1-OU8
- EXISTING CATCHMENT S1-OU10
- EXISTING CATCHMENT S1-OU10A
- EXISTING CATCHMENT S1-OU12

PROPOSED CATCHMENT AREAS:

- PROPOSED CATCHMENT S1-OU1
- PROPOSED CATCHMENT S1-OU7A
- PROPOSED CATCHMENT S1-OU10
- PROPOSED CATCHMENT S1-OU10A
- PROPOSED CATCHMENT S1-OU11
- PROPOSED CATCHMENT S1-OU12

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - 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)

KEY PLAN
SCALE N.T.S.

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

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

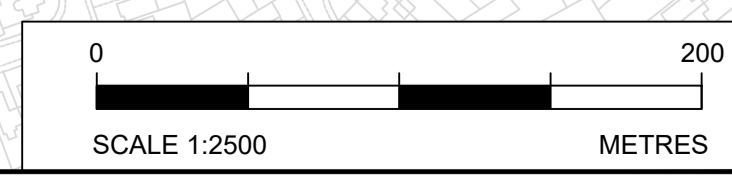
Client:

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **DRAINAGE AND SURFACE WATER PLANS SHEET 2 OF 21**

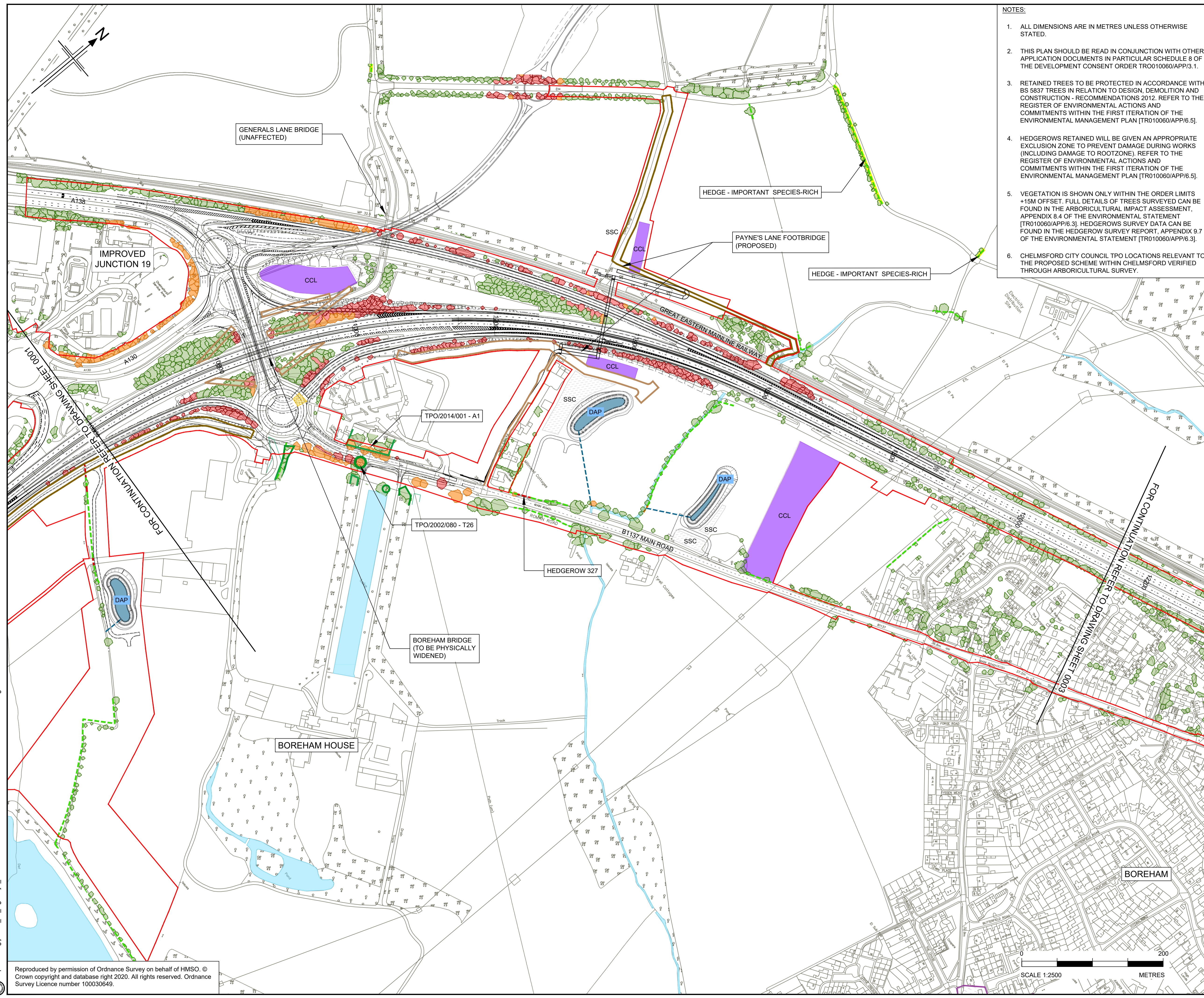
Regulation	REGULATION 113 & 114
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	P02

HE551497 - JAC - LDC - SCHW - DR - D - 0802



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- NOTES:**
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 2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 8 OF THE DEVELOPMENT CONSENT ORDER TR010060/APP/3.1.
 3. RETAINED TREES TO BE PROTECTED IN ACCORDANCE WITH BS 5837 TREES IN RELATION TO DESIGN, DEMOLITION AND CONSTRUCTION - RECOMMENDATIONS 2012. REFER TO THE REGISTER OF ENVIRONMENTAL ACTIONS AND COMMITMENTS WITHIN THE FIRST ITERATION OF THE ENVIRONMENTAL MANAGEMENT PLAN [TR010060/APP/6.5].
 4. HEDGEROWS RETAINED WILL BE GIVEN AN APPROPRIATE EXCLUSION ZONE TO PREVENT DAMAGE DURING WORKS (INCLUDING DAMAGE TO ROOTZONE). REFER TO THE REGISTER OF ENVIRONMENTAL ACTIONS AND COMMITMENTS WITHIN THE FIRST ITERATION OF THE ENVIRONMENTAL MANAGEMENT PLAN [TR010060/APP/6.5].
 5. VEGETATION IS SHOWN ONLY WITHIN THE ORDER LIMITS +15M OFFSET. FULL DETAILS OF TREES SURVEYED CAN BE FOUND IN THE ARBORICULTURAL IMPACT ASSESSMENT, APPENDIX 8.4 OF THE ENVIRONMENTAL STATEMENT [TR010060/APP/6.3]. HEDGEROWS SURVEY DATA CAN BE FOUND IN THE HEDGEROW SURVEY REPORT, APPENDIX 9.7 OF THE ENVIRONMENTAL STATEMENT [TR010060/APP/6.3].
 6. 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
- POTENTIAL ANCIENT TREE (PA) (INDIVIDUAL)
- POTENTIAL VETERAN TREE (PV) (INDIVIDUAL)
- POTENTIAL ANCIENT TREE (PA) (GROUP)
- POTENTIAL VETERAN TREE (PV) (GROUP)
- A-GRADE TREES IDENTIFIED IN THE ARBORICULTURAL IMPACT ASSESSMENT (DCO DOC REF TR010060/APP/6.3)
- 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

KEY PLAN
SCALE N.T.S.

P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT
P02	04/04/23	DCO CHANGE	DR	HA	HM	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Development Consent Order Number:			Development Consent Order Drawing Number:			
TR010060			TR010060/APP/2.14			

Client

Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

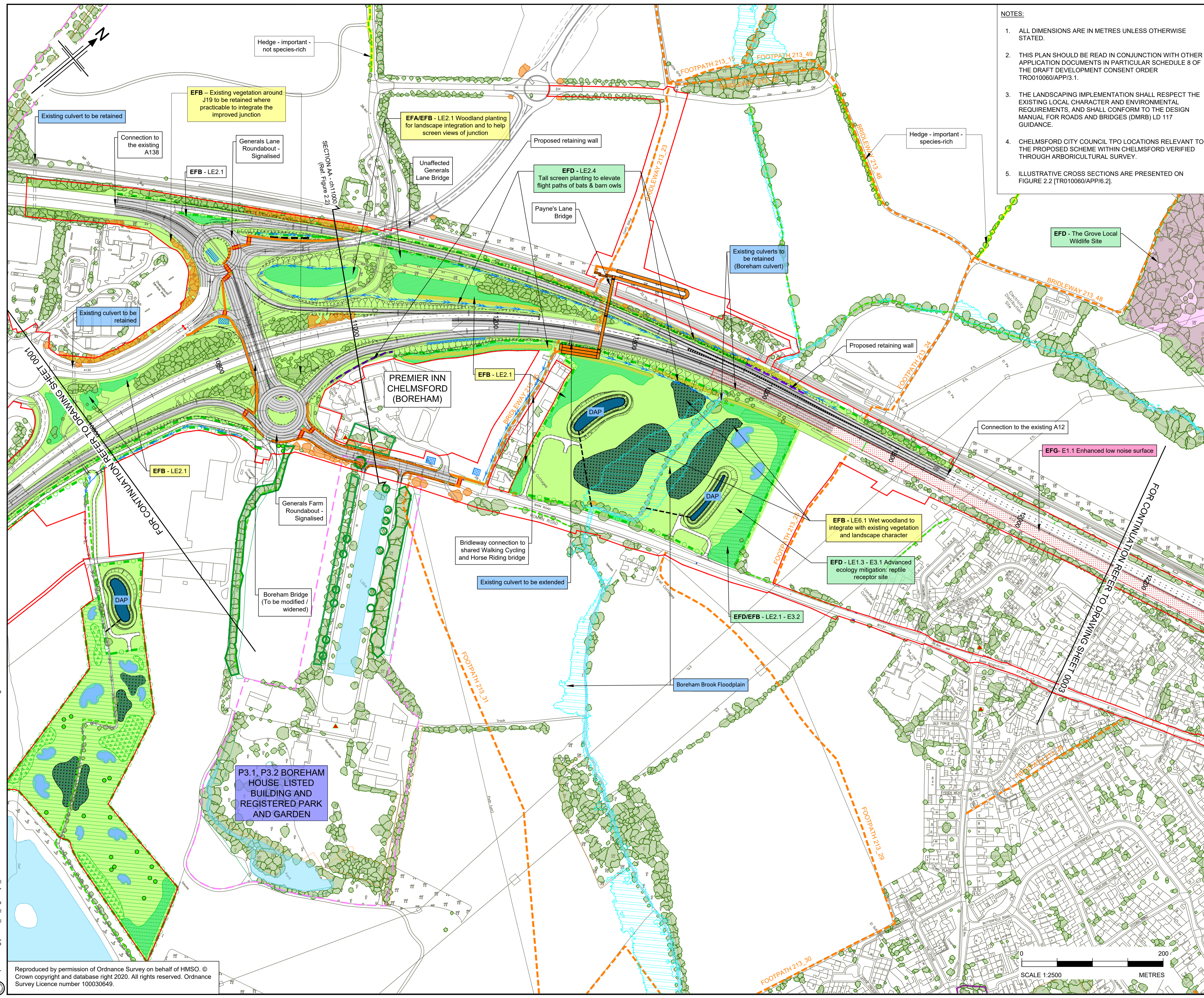
Drawing title

RETAINED AND REMOVED VEGETATION PLANS
CH. 10600 TO 12100
SHEET 2 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
HE551497	JAC	LDC
Location	SCHW	Type Role Number
		-DR- L -0102

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- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 8 OF THE DRAFT DEVELOPMENT CONSENT ORDER TR010060/APP/3.1.
 - 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.
 - CHELMSFORD CITY COUNCIL TPO LOCATIONS RELEVANT TO THE PROPOSED SCHEME WITHIN CHELMSFORD VERIFIED THROUGH ARBORICULTURAL SURVEY.
 - ILLUSTRATIVE CROSS SECTIONS ARE PRESENTED ON FIGURE 2.2 (TR010060/APP/6.2).

BOUNDARIES

EXISTING CONTEXT

- Order Limits
- 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

KEY PLAN
SCALE N.T.S.

FOR MAIN LEGEND REFER TO SHEET 22 (HE551497-JAC-LDC-SCHW-DR-L-0222)

P02	04/04/23	DCO CHANGE	DR	HA	HB	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appn'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. 10600 TO 12100 SHEET 2 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 - 0202**

Originator: **JAC** | Volume: **-DR- L-0202**

Location: **SCHW** | Type | Role | Number

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