

A12 Chelmsford to A120 widening scheme

TR010060

**DEVELOPMENT CONSENT ORDER
CHANGE APPLICATION**

**Map Book 5: B1023 Roundabout
Part 1 of 1**

Infrastructure Planning (Examination Procedure)
Regulations 2010

May 2023

A12 Chelmsford to A120 widening scheme guide to map book

The six map books prepared for this Change Application contain selected 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 selected plans show detail of the changes we are applying to make. If the change is accepted, all affected plans will be updated.

Please read these plans in conjunction with the documents submitted with the Change Application, which provides further information on the Change Application.

Each map book prepared for the Change Application shows selected 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.

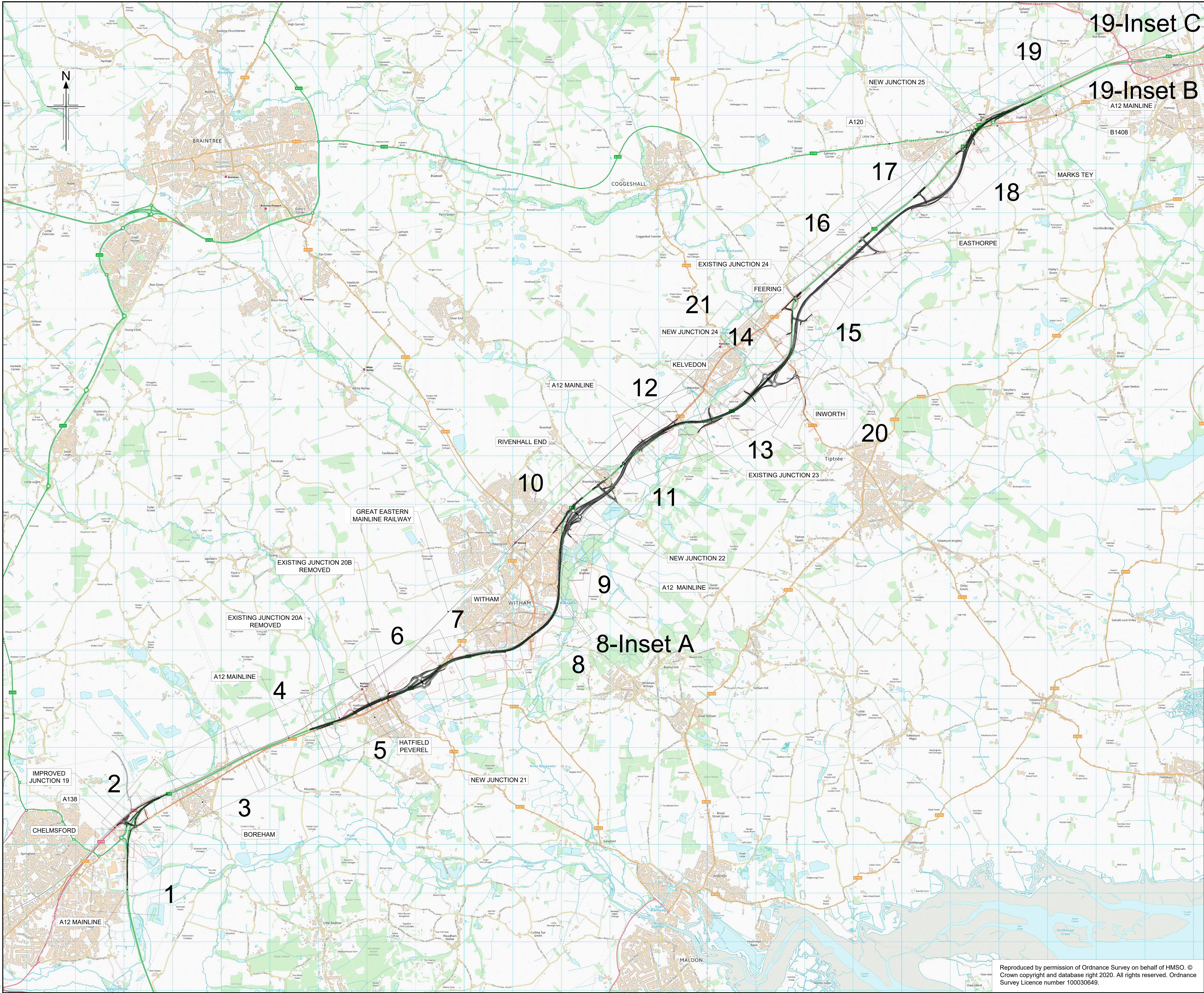
Map Book 5: B1023 Roundabout

The design submitted in the accepted Application consisted of a segregated left turn lane (SLTL) for traffic from Inworth Village at the B1023 roundabout. A SLTL is used to provide a link for traffic turning left at roundabouts which bypasses the roundabout itself. The new design will remove the SLTL from the arrangement of the B1023 Roundabout. Traffic from Inworth Village will instead join the link road to junction 24 by utilising the B1023 Roundabout. This will require traffic to give way to traffic already on the roundabout.

A list of plans that have been updated to show the detail of this change is included in the Schedule of Plans.

Drawing Number	Drawing Title	Revision
PART 1		
HE551497-JAC-LDC-SCHW-DR-C-0010	General Arrangement Plans Key Plan	P02
HE551497-JAC-LDC-SCHW-DR-C-0020	General Arrangement Plans Legend	P02
HE551497-JAC-LDC-SCHW-DR-C-0034	General Arrangement Plans Ch. 30700 to Ch. 32200 Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-0922	DCO Works Plans Legend	P03
HE551497-JAC-LDC-SCHW-DR-C-0914	DCO Works Plans – Permanent Works Sheet 14 of 21	P03
HE551497-ARD-LDC-SCHW-DR-X-0314	Land Plans Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-0114	Traffic Regulation Measures Speed Limits Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-0214	Traffic Regulation Measures Movement Restrictions Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-0314	Revocation of Existing Traffic Orders Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-0614	Classification of Roads Plans Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-C-0514	Streets, Rights of Way and Access Plans Sheet 14 of 21	P07
HE551497-JAC-LDC-S3_J24-DR-C-0101	Engineering Sections (Plan and Profiles) Junction 24 Sheet 1 of 5	P03
HE551497-JAC-LDC-S3_J24-DR-C-0102	Engineering Sections (Plan and Profiles) Junction 24 Sheet 2 of 5	P03
HE551497-JAC-LDC-SCHW-DR-D-0814	Drainage and Surface Water Plans Sheet 14 of 21	P03
HE551497-JAC-LDC-SCHW-DR-L-0114	Retained and Removed Vegetation Plans Ch. 30700 to 32200 Sheet 14 of 21	P04
HE551497-JAC-LDC-SCHW-DR-L-0214	Environmental Masterplan Ch. 30700 to 32200 Sheet 14 of 21	P04

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

LEGEND

ORDER LIMITS

P01	01/08/22	DCO APPLICATION	AE	CC	CA	DT
P02	12/05/23	DCO CHANGE	AE	LH	RM	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/2.9

Client

Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title

GENERAL ARRANGEMENT
PLANS
KEY PLAN

Regulation	REGULATION 8(1)(k)
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (841x594mm)	NTS
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	PIN
Originator	JAC
Volume	LDC
Location	SCHW
Type	-DR-
Role	C
Number	-0010

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LEGEND

BOUNDARIES

- ORDER LIMITS
- ORDER LIMITS EXCLUSION ZONE
- ADMINISTRATIVE BOUNDARY

HIGHWAYS

- NEW OR REALIGNED PUBLIC HIGHWAY/ ROAD
- NEW OR REALIGNED MAINTENANCE ACCESS / PRIVATE MEANS OF ACCESS
- EXISTING PUBLIC RIGHT OF WAY
- EXISTING CYCLE TRACK
- EXISTING PUBLIC RIGHT OF WAY - STOPPED UP
- NEW FOOTPATH / BRIDLEWAY
- PROPOSED CYCLE TRACK
- PROPOSED FOOTWAY
- NEW PERMISSIVE PATH
- PROPOSED CONTROLLED CROSSING
- PROPOSED UNCONTROLLED CROSSING
- PROPOSED TECHNOLOGY GANTRY (CANTILEVER)
- PROPOSED TECHNOLOGY GANTRY
- PROPOSED GANTRY MOUNTED DIRECTION SIGN
- PROPOSED LIGHTING COLUMN

ENGINEERING & CONSTRUCTION

- PROPOSED CONSTANT CUTTING
- PROPOSED CONSTANT EMBANKMENT
- PROPOSED MITIGATION EARTHWORKS
- PROPOSED MITIGATION EARTHWORKS (BORROW PITS)
- PROPOSED CARRIAGEWAY/ ROAD
- PROPOSED FOOTWAY / HARDSTANDING / ISLAND
- PROPOSED VERGE
- NEW OR MODIFIED BRIDGE DECK
- EXISTING BRIDGE DECK (TO BE RETAINED)
- EXISTING BRIDGE DECK (TO BE DEMOLISHED)
- PROPOSED RETAINING WALL
- EXISTING RETAINING WALL

DRAINAGE

- EXISTING CULVERT (TO BE RETAINED)
- PROPOSED CULVERT - MINOR WATERCOURSE
- EXISTING CULVERT (TO BE EXTENDED)
- EXISTING CULVERT (TO BE ABANDONED)
- PROPOSED WATERCOURSE DIVERSION (MAIN RIVER)
- WATER FLOW DIRECTION
- PROPOSED CUT-OFF DITCH (FILTER DRAIN IN SPATIAL CONSTRAINT AREA)
- EXISTING DITCH / MINOR WATERCOURSE (TO BE RETAINED)
- EXISTING DITCH / MINOR WATERCOURSE (TO BE REALIGNED)
- EXISTING DITCH / MINOR WATERCOURSE (TO BE ABANDONED)
- PROPOSED ATTENUATION POND (WITH OUTFALL CONNECTION)
- PROPOSED UNDERGROUND STORAGE UNITS
- PROPOSED FLOOD MITIGATION AREA
- PROPOSED FLOOD BUND

ENVIRONMENT

EXISTING

- EXISTING OPEN WATER
- EXISTING TREES, HEDGES AND SHRUBS
- EXISTING ANCIENT WOODLAND
- EXISTING ANCIENT, NOBLE AND VETERAN TREES
- EXISTING CONSERVATION AREAS
- EXISTING LOCAL NATURE RESERVE
- EXISTING LISTED BUILDINGS
- EXISTING REGISTERED PARKS AND GARDENS
- EXISTING SCHEDULED MONUMENT
- EXISTING TREES PROTECTED BY TREE PRESERVATION ORDER (AREA OR INDIVIDUAL TREE)

PROPOSED

- PROPOSED OPEN WATER
- PROPOSED WOODLAND PLANTING OF TREES AND SHRUBS
- PROPOSED WET WOODLAND
- PROPOSED TALL SCREEN PLANTING TO ELEVATE FLIGHT PATH OF BATS & BARN OWLS
- PROPOSED INDIVIDUAL TREES
- PROPOSED HEDGE
- PROPOSED HEDGE WITH INTERMITTENT TREES
- PROPOSED GRASSLAND
- PROPOSED INTERMITTENT TREES AND SHRUBS
- PROPOSED ECOLOGY POND (INDICATIVE)
- PROPOSED AQUATIC AND MARGINAL PLANTING (INDICATIVE)
- PROPOSED ECOLOGY MITIGATION AREA / ECOLOGY PROTECTION MEASURES
- PROPOSED NOISE BARRIER
- PROPOSED REPLACEMENT LAND

NOTES

- THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER PLAN APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 3 OF THE DEVELOPMENT CONSENT ORDER.
- THIS LEGEND SHOULD BE READ IN CONJUNCTION WITH THE LOCATION KEY PLAN AND THE GENERAL ARRANGEMENT DRAWINGS.

P01	01/08/2022	DCO APPLICATION	AE	CC	CA	DT	
P02	30/09/22	DCO APPLICATION	ES	CA	RM	RM	
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd	

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010060	TR010060/APP/2.9

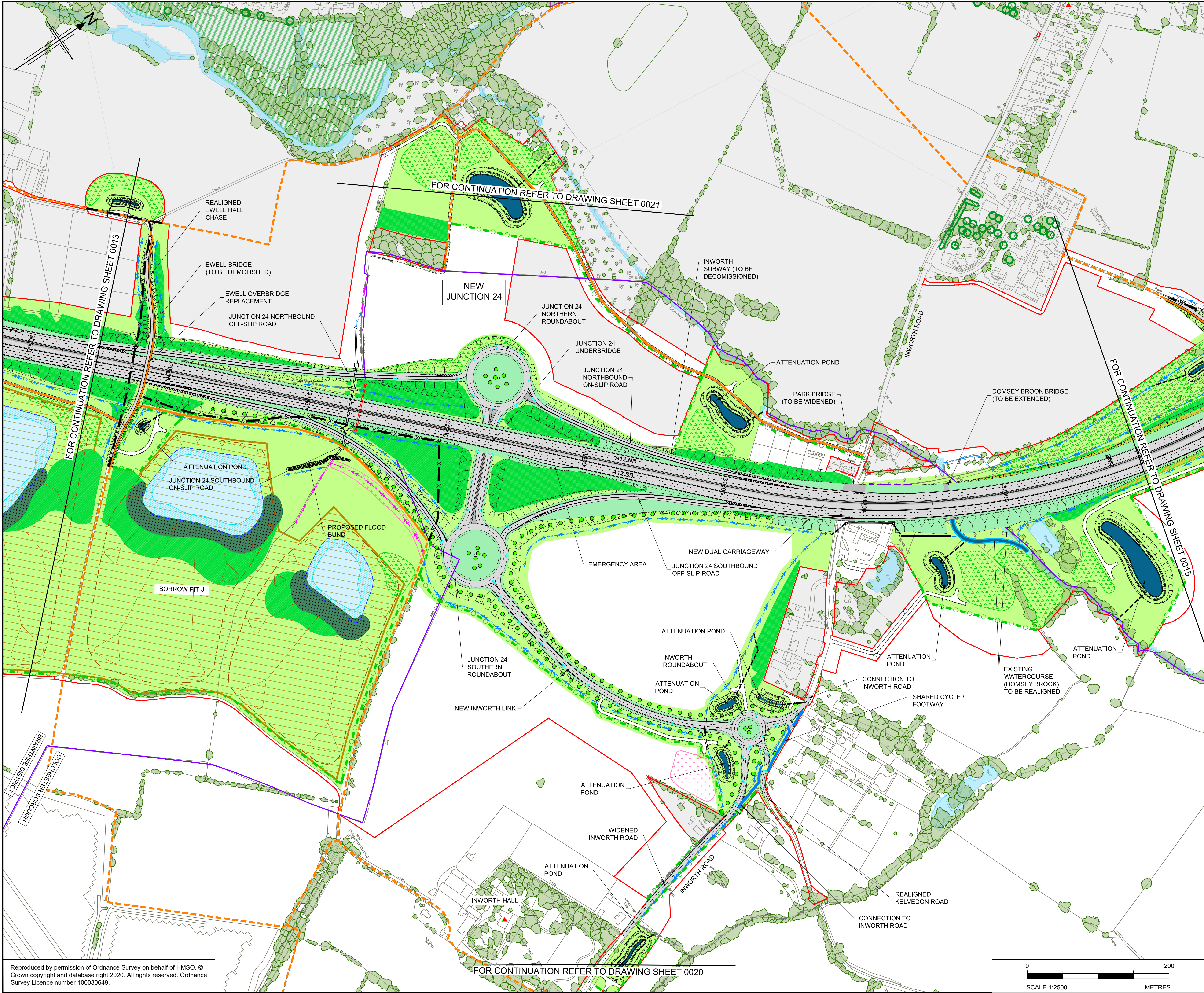
Client	
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Project	A12 CHELMSFORD TO A120 WIDENING SCHEME
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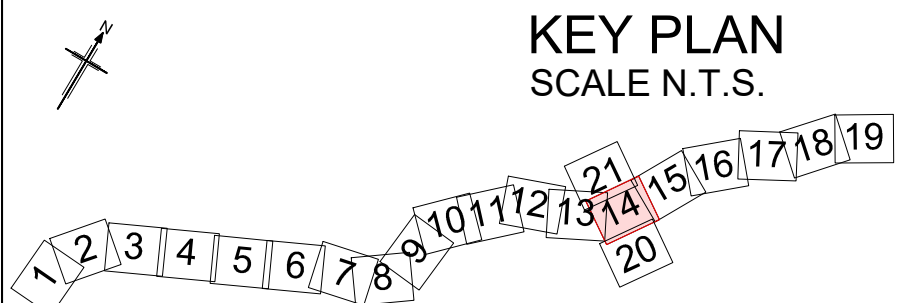
Drawing title	GENERAL ARRANGEMENT PLANS LEGEND
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Regulation	REGULATION 5(2)(c)		
Purpose of issue	DCO APPLICATION		
State Code	Statutory Procedures and Powers		
Project Stage	PCF 4	Drawing status	
Scale at A1 (841x594mm)	NTS	S4	
Jacobs No.	B36601D1	Rev	P02
Client no.	HE551497		

Drawing number	PIIN	Originator	Volume
HE551497 -	JAC	- LDC-	
Location	SCHW	-DR-	C -0020



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



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	AE	CC	CA	DT
P02	04/04/23	DCO CHANGE	MB	LH	RM	RM
P03	25/05/23	DCO CHANGE	AE	LH	RM	RM

Development Consent Order Number: TR010060

Development Consent Order Drawing Number: TR010060/APP/2.9



Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title

GENERAL ARRANGEMENT
CH. 30700 TO 32200
SHEET 14 OF 21

Regulation	REGULATION 8(1)(k)	
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	P03

Drawing number
PIN | Originator | Volume
HE551497 - JAC - LDC -
Location | Type | Role | Number
SCHW -DR- C -0034

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LEGEND (PERMANENT WORKS)

- ORDER LIMITS
- ORDER LIMITS EXCLUSION ZONE
- ADMINISTRATIVE BOUNDARY
- WORK CENTERLINE
- COMMENCEMENT OF LINEAR WORKS
- TERMINATION OF LINEAR WORKS
- ROUNDABOUT WORKS - COMMENCEMENT AND TERMINATION POINT
- ATTENUATION POND
- PROPOSED ATTENUATION POND OUTFALL CONNECTION
- PROPOSED RETAINING WALL
- EXISTING RETAINING WALL
- LIMITS OF DEVIATION OF FLOOD MITIGATION AREA
- LIMITS OF DEVIATION FOR PERMANENT WORKS
- BORROW PITS - RESTORATION WORKS
- PROPOSED CUT-OFF DITCH
- EXISTING DITCH / MINOR WATERCOURSE (TO BE RETAINED)
- EXISTING DITCH / MINOR WATERCOURSE (TO BE REALIGNED)
- EXISTING DITCH / MINOR WATERCOURSE (TO BE ABANDONED)
- NEW OR MODIFIED BRIDGE DECK
- EXISTING BRIDGE DECK
- NEW FOOTPATH / BRIDLEWAY
- EXISTING PUBLIC RIGHT OF WAY
- NEW STANDALONE CYCLE TRACK
- EXISTING CULVERT (TO BE RETAINED)
- PROPOSED CULVERT - MINOR WATERCOURSE
- EXISTING CULVERT (TO BE EXTENDED)
- EXISTING CULVERT (TO BE ABANDONED)
- PRIVATE MEANS OF ACCESS
- PROPOSED TECHNOLOGY GANTRY (CANTILEVER)
- PROPOSED TECHNOLOGY GANTRY

LEGEND (TEMPORARY WORKS)

- ORDER LIMITS
- ORDER LIMITS EXCLUSION ZONE
- ADMINISTRATIVE BOUNDARY
- MAIN COMPOUNDS
- SATELLITE COMPOUNDS
- TRAFFIC MANAGEMENT RECOVERY AREA
- TEMPORARY CAR PARK
- BORROW PIT - EXCAVATION WORKS
- HAUL ROADS
- TEMPORARY ROADS
- LIMITS OF DEVIATION - TEMPORARY WORKS
- TEMPORARY BRIDGE
- TEMPORARY OFFICE FOR THIRD PARTY
- TEMPORARY PRIVATE MEANS OF ACCESS
- TEMPORARY GAS CROSSING
- LIMITS OF DEVIATION SEPARATION

LEGEND (UTILITY DIVERSIONS)

- ORDER LIMITS
- ORDER LIMITS EXCLUSION ZONE
- ADMINISTRATIVE BOUNDARY
- SINGLE UTILITY
- MULTIPLE UTILITIES
- LIMITS OF DEVIATION - UTILITIES

NOTES

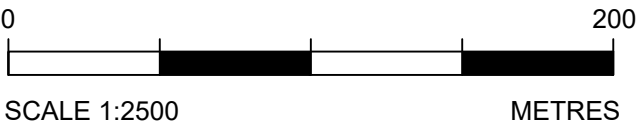
THIS WORKS PLANS LEGEND SHOULD BE READ IN CONJUNCTION WITH:

1.

THE LOCATION KEY PLAN.

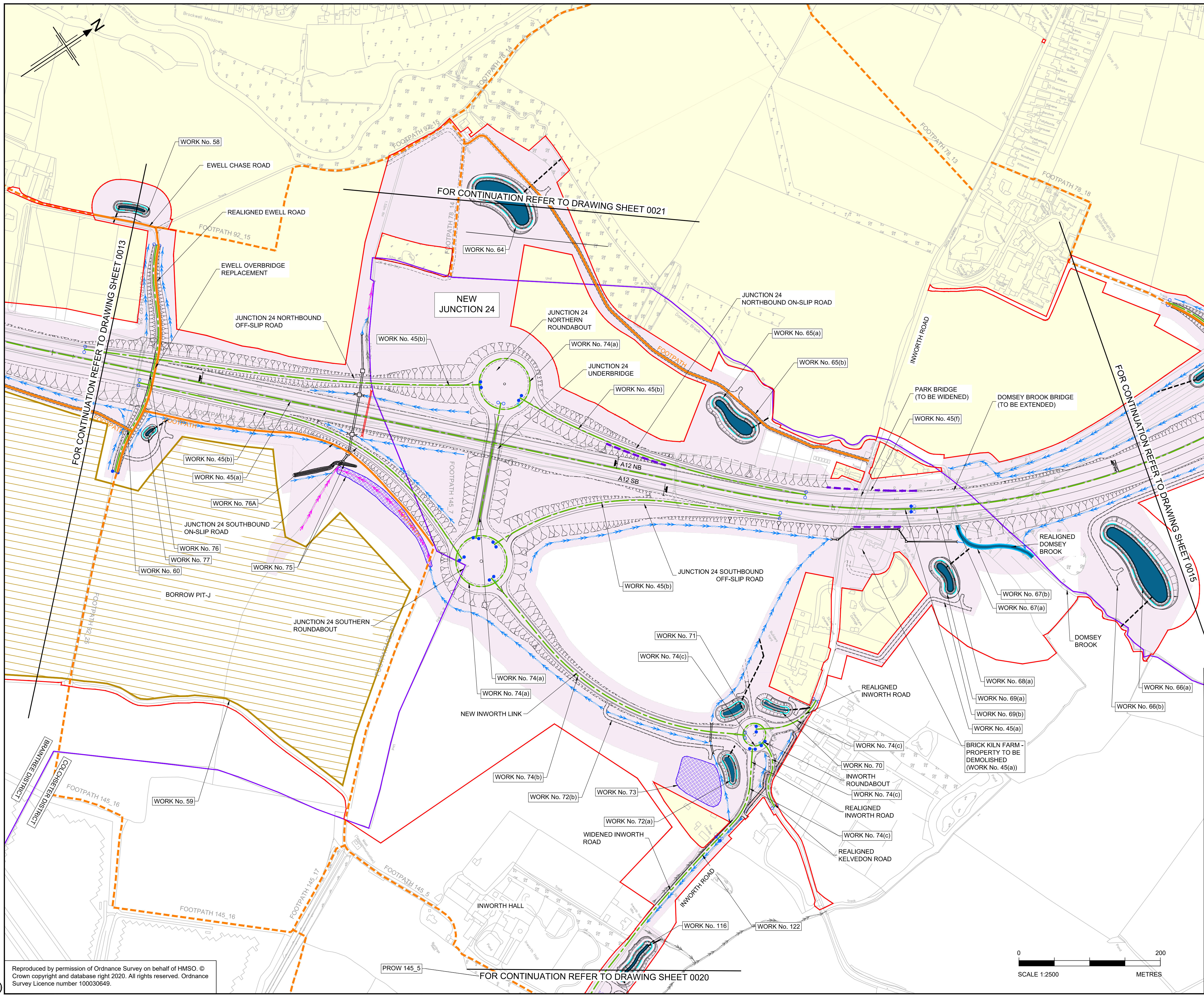
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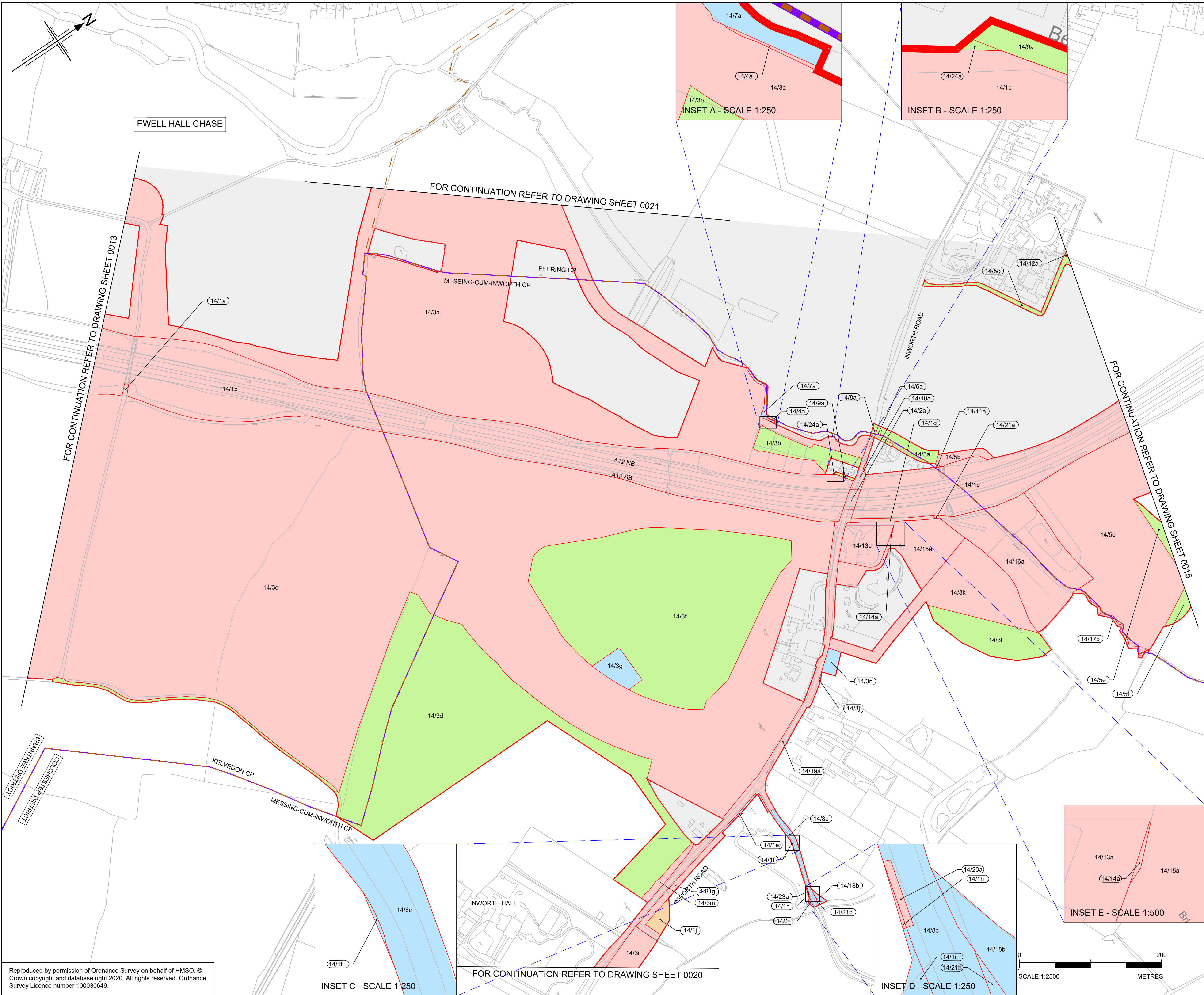
THE WORKS PLANS DRAWINGS.



P01	01/08/22	FINAL FOR DCO SUBMISSION	ES	WD	CA	DT	
P02	26/09/22	POST-DCO ACCEPTANCE	RK	CA	RM	RM	
P03	30/09/22	POST-DCO ACCEPTANCE	ES	CA	RM	RM	
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd	
Development Consent Order Number:			Development Consent Order Drawing Number:				
TR010060			TR010060/APP/2.2				
Client national highways							
Project A12 CHELMSFORD TO A120 WIDENING SCHEME							
Drawing title WORKS PLANS LEGEND							
Regulation		REGULATION 5(2)(i)					
Purpose of issue		DCO APPLICATION					
State Code		Statutory Procedures and Powers					
Project Stage		PCF4				Drawing status	
Scale at A1 (841x594mm)						S4	
Jacobs No.		B36601D1				Rev	
Client no.		HE551497				P03	
Drawing number							
PIIN		Originator		Volume			
HE551497 -		JAC		LDC -			
Location		SCHW		-DR-		Role Number	
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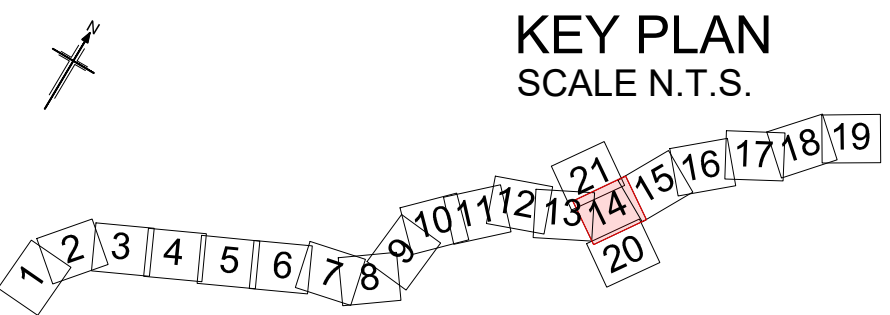
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- NOTES**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.
 2. THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA.
 3. ALL EASEMENTS, SERVITUDES AND PRIVATE RIGHTS ARE PROPOSED TO BE EXTINGUISHED ON LAND THAT IS TO BE ACQUIRED UNLESS STATED OTHERWISE IN THE BOOK OF REFERENCE.
 4. THIS DRAWING IS TO READ IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTATION, IN PARTICULAR THE WORKS PLANS [TR010060/APP/2.2] AND BOOK OF REFERENCE [TR010060/APP/4.3]

- LEGEND**
- ORDER LIMITS
 - PERMANENT ACQUISITION OF ALL INTERESTS IN LAND
 - LAND TO BE USED TEMPORARILY
 - LAND TO BE USED TEMPORARILY AND NEW RIGHTS TO BE ACQUIRED PERMANENTLY
 - PERMANENT ACQUISITION OF ALL INTERESTS IN THE AIRSPACE OVER LAND
 - PERMANENT ACQUISITION OF ALL INTERESTS IN THE SUBSOIL
 - LAND NOT SUBJECT TO POWERS OF COMPULSORY ACQUISITION OR TEMPORARY POSSESSION
 - LAND NOT SUBJECT TO POWERS IN THE ORDER
 - PLOT NUMBERS (XX/XX)
 - ADMINISTRATIVE BOUNDARY
 - PARISH BOUNDARIES



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P03	31/03/2023	DCO CHANGE	GJ	CC	KC	ND
P02	28/03/2023	DEADLINE 4	GJ	CC	KC	ND
P01	20/07/2022	FINAL FOR DCO SUBMISSION	GJ	CC	KC	ND

Development Consent Order Number:	Development Consent Order Drawing Number:
TR010060	TR010060/APP/2.7



Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

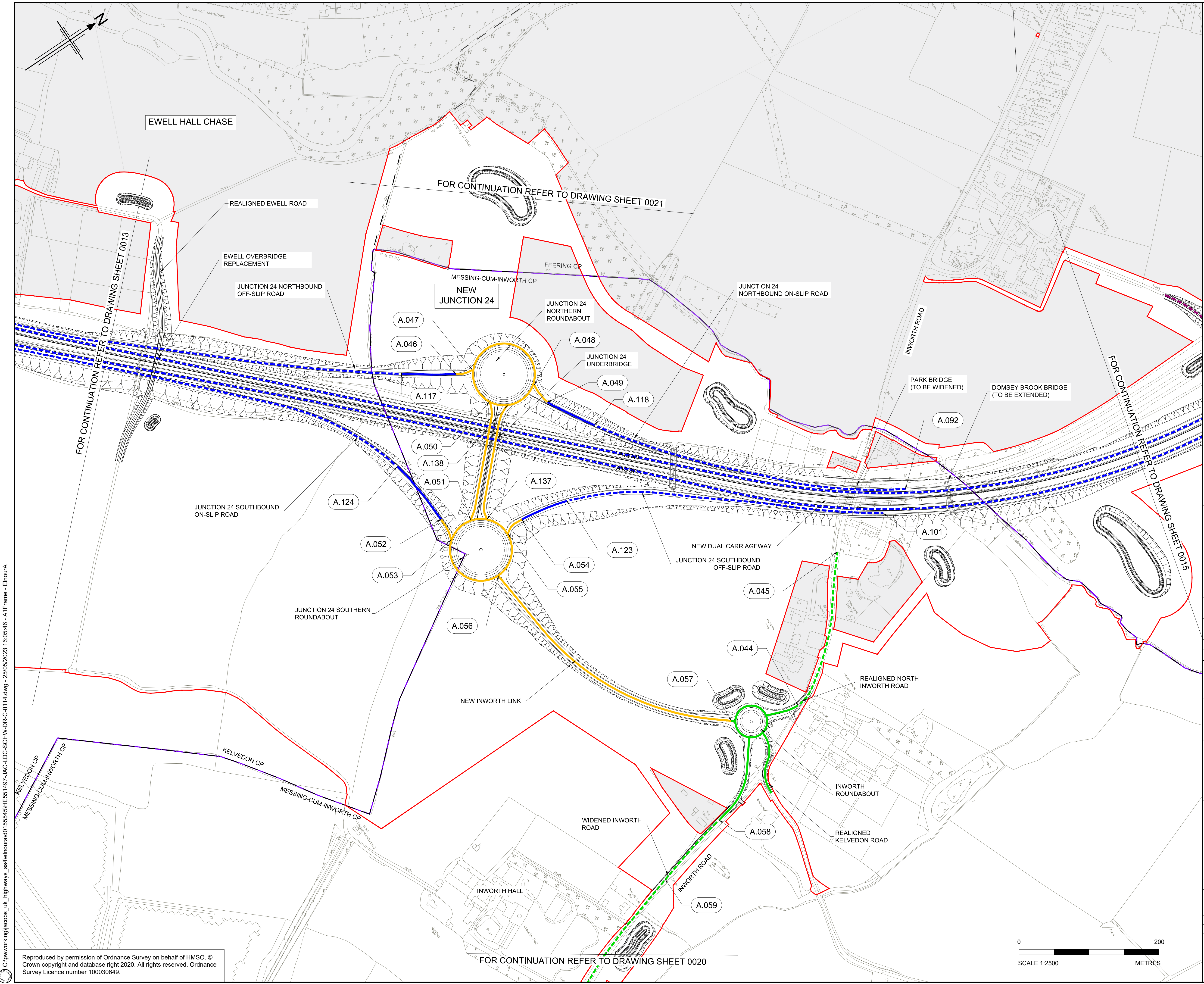
Drawing title

LAND PLANS
SHEET 14 OF 21

Regulation	REGULATION 113 & 114
Purpose of issue	DCO EXAM
State Code	Statutory Powers and Procedures
Project Stage	PCF4
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497

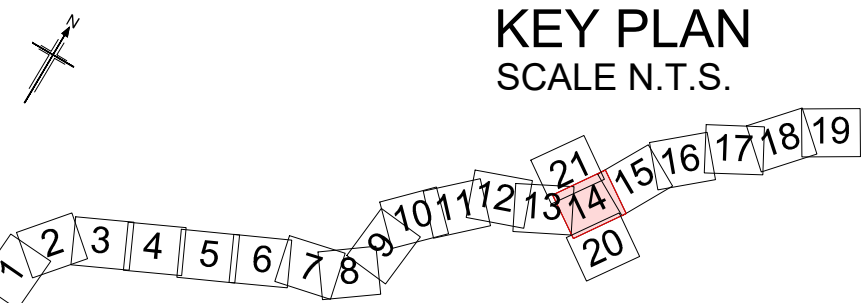
Drawing number	PIN	Originator	Volume
HE551497	-	ARD	-
Location	SCHW	Type	Role
-DR-	X	-0314	Number

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- NOTES:
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- LEGEND:
- 30 MPH SPEED LIMIT (RESTRICTED ROAD)
 - 30 MPH SPEED LIMIT
 - 40 MPH SPEED LIMIT (DE-RESTRICTED ROAD)
 - 40 MPH SPEED LIMIT
 - 50 MPH SPEED LIMIT (DE-RESTRICTED ROAD)
 - 50 MPH SPEED LIMIT
 - NATIONAL SPEED LIMIT (DE-RESTRICTED ROAD)
 - NATIONAL SPEED LIMIT
 - VARIABLE SPEED LIMIT (DE-RESTRICTED ROAD)
 - VARIABLE SPEED LIMIT
 - TRAFFIC REGULATION MEASURE REFERENCE LABEL
 - PARISH BOUNDARY
 - ADMINISTRATIVE BOUNDARY
 - ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT



P01	08/08/22	FINAL FOR DCO APPLICATION	JK	DB	CA	SG
P02	30/03/23	DCO CHANGE	JK	HC	HC	RM
P03	26/05/23	DCO CHANGE	JK	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/2.3.1

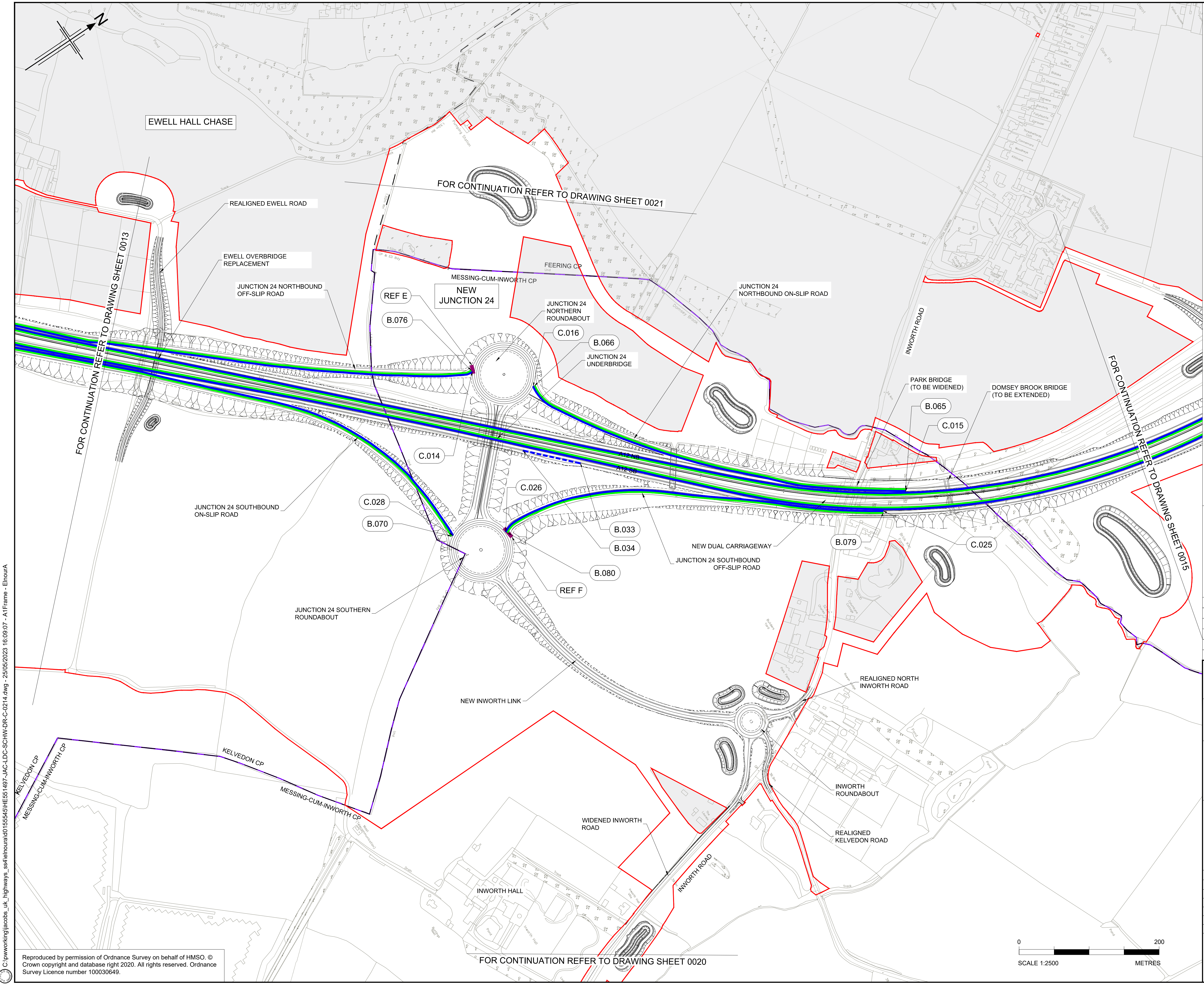


A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title
**TRAFFIC REGULATION MEASURES
SPEED LIMITS
SHEET 14 OF 21**

Regulation	REGULATION 8(1)(k)				
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		P03		

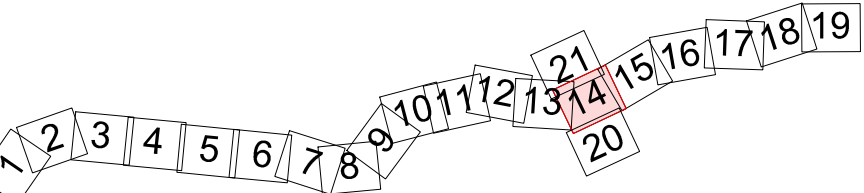
Drawing number
HE551497 - JAC - LDC - SCHW - DR - C -0114



- NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED
 - THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 3 OF THE DEVELOPMENT CONSENT ORDER [TR010060/APP/2.3]

- LEGEND:
- NO WAITING AT ANY TIME RESTRICTION
 - NO WAITING AT SPECIFIED TIMES RESTRICTION
 - NO ENTRY
 - 6m (2.0 METRE) WIDTH RESTRICTION
 - PROHIBITION OF VEHICLE TYPES (PEDAL CYCLES, PEDESTRIANS, EQUESTRIANS, HORSE DRAWN CARRIAGES, MOTORCYCLES UNDER 50CC, AND AGRICULTURAL VEHICLES.)
 - PROHIBITION OF MOTOR VEHICLES (EXCEPT FOR ACCESS)
 - CLEARWAY
 - NO STOPPING EXCEPT IN AN EMERGENCY RESTRICTION
 - TRAFFIC REGULATION MEASURE REFERENCE LABEL
 - PARISH BOUNDARY
 - ADMINISTRATIVE BOUNDARY
 - ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT

KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	08/08/22	FINAL FOR DCO APPLICATION	JK	DB	CA	SG
P02	30/03/23	DCO CHANGE	JK	HC	HC	RM
P03	26/05/23	DCO CHANGE	JK	LH	RM	RM

Development Consent Order Number: TR010060
Development Consent Order Drawing Number: TR010060/APP/2.3.2



A12 CHELMSFORD TO A120 WIDENING SCHEME

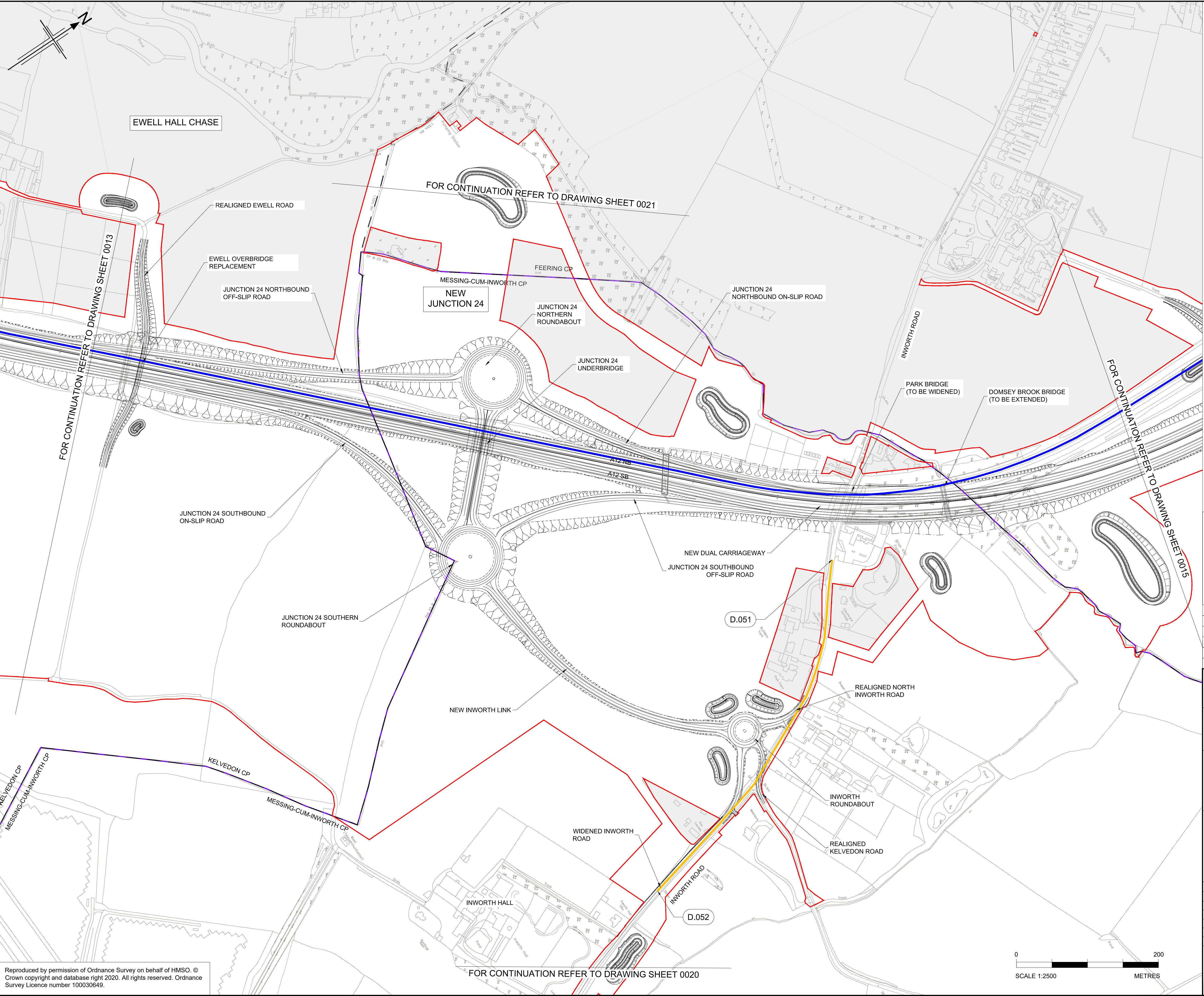
Drawing title
**TRAFFIC REGULATION MEASURES
MOVEMENT RESTRICTIONS
SHEET 14 OF 21**

Regulation	REGULATION 8(1)(k)
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	PIN
Originator	JAC
Volume	LDC
Location	SCHW
Type	DR
Role	C
Number	-0214

Rev P03

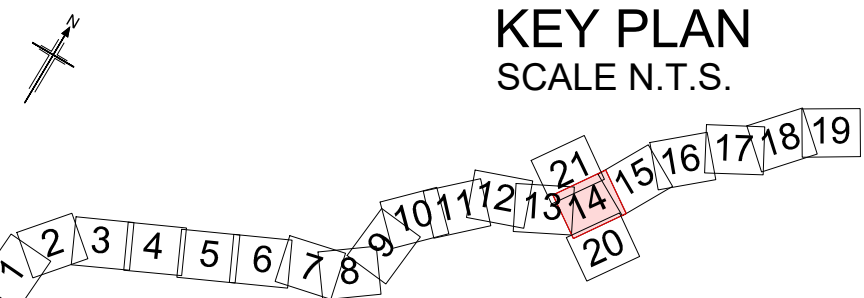
HE551497 - JAC - LDC - SCHW - DR - C -0214

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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 3 OF THE DEVELOPMENT CONSENT ORDER [TR010060/APP/2.3]

- LEGEND:
- EXISTING SPEED LIMIT ORDER TO BE AMENDED OR REVOKED
 - EXISTING CLEARWAY ORDER TO BE AMENDED OR REVOKED
 - EXISTING WAITING ORDER TO BE AMENDED OR REVOKED
 - EXISTING PARKING ORDER TO BE AMENDED OR REVOKED
 - EXISTING NO ENTRY ORDER TO BE AMENDED OR REVOKED
 - EXISTING WIDTH RESTRICTION ORDER TO BE AMENDED OR REVOKED
 - EXISTING PROHIBITED MOVEMENT RESTRICTION TO BE AMENDED OR REVOKED
 - REVOCATION OF EXISTING TRAFFIC ORDER REFERENCE LABEL
 - PARISH BOUNDARY
 - ADMINISTRATIVE BOUNDARY
 - ORDER LIMITS
 - LAND NOT INCLUDED WITHIN THE ORDER LIMIT



P01	09/08/22	FINAL FOR DCO APPLICATION	JK	DB	CA	SG
P02	30/03/23	DCO CHANGE	JK	HC	HC	RM
P03	26/05/23	DCO CHANGE	JK	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/2.3.3



A12 CHELMSFORD TO A120 WIDENING SCHEME

REVOCATION OF EXISTING TRAFFIC ORDERS
SHEET 14 OF 21

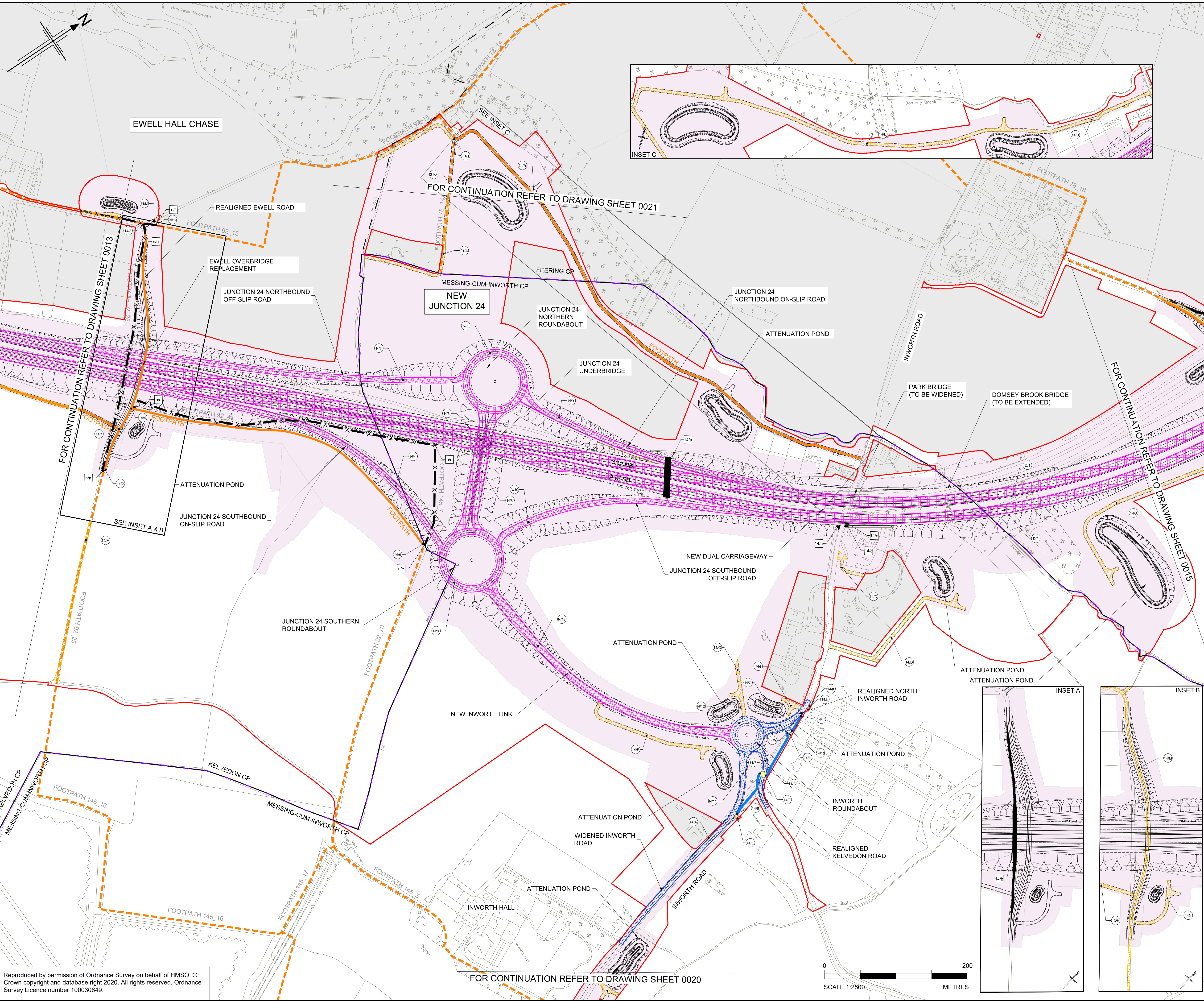
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Purpose of issue	DCO EXAM				
State Code	Statutory Procedures and Powers				
Project Stage	PCF 4	Drawing status			S4
Scale at A1 (841x594mm)	1:2500	Rev			P03
Jacobs No.	B36601D1				
Client no.	HE551497				

Drawing number PIN
HE551497 - JAC - LDC - SCHW
Originator
Volume
Type | Role | Number
-DR- C -0314

FOR CONTINUATION REFER TO DRAWING SHEET 0020

0 200
SCALE 1:2500 METRES

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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.

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
- NB NORTHBOUND
- SB SOUTHBOUND
- LIMITS OF DEVIATION FOR NEW & IMPROVED FOOTWAY, FOOTPATH, CYCLE TRACK OR BRIDLEWAY

KEY PLAN
SCALE N.T.S.

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
P05	09/05/23	DCO CHANGE	AE	LH	RM	RM
P06	12/05/23	DCO CHANGE	AE	LH	RM	RM
P07	25/05/23	DCO CHANGE	AE	LH	RM	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Development Consent Order Number: TR010060

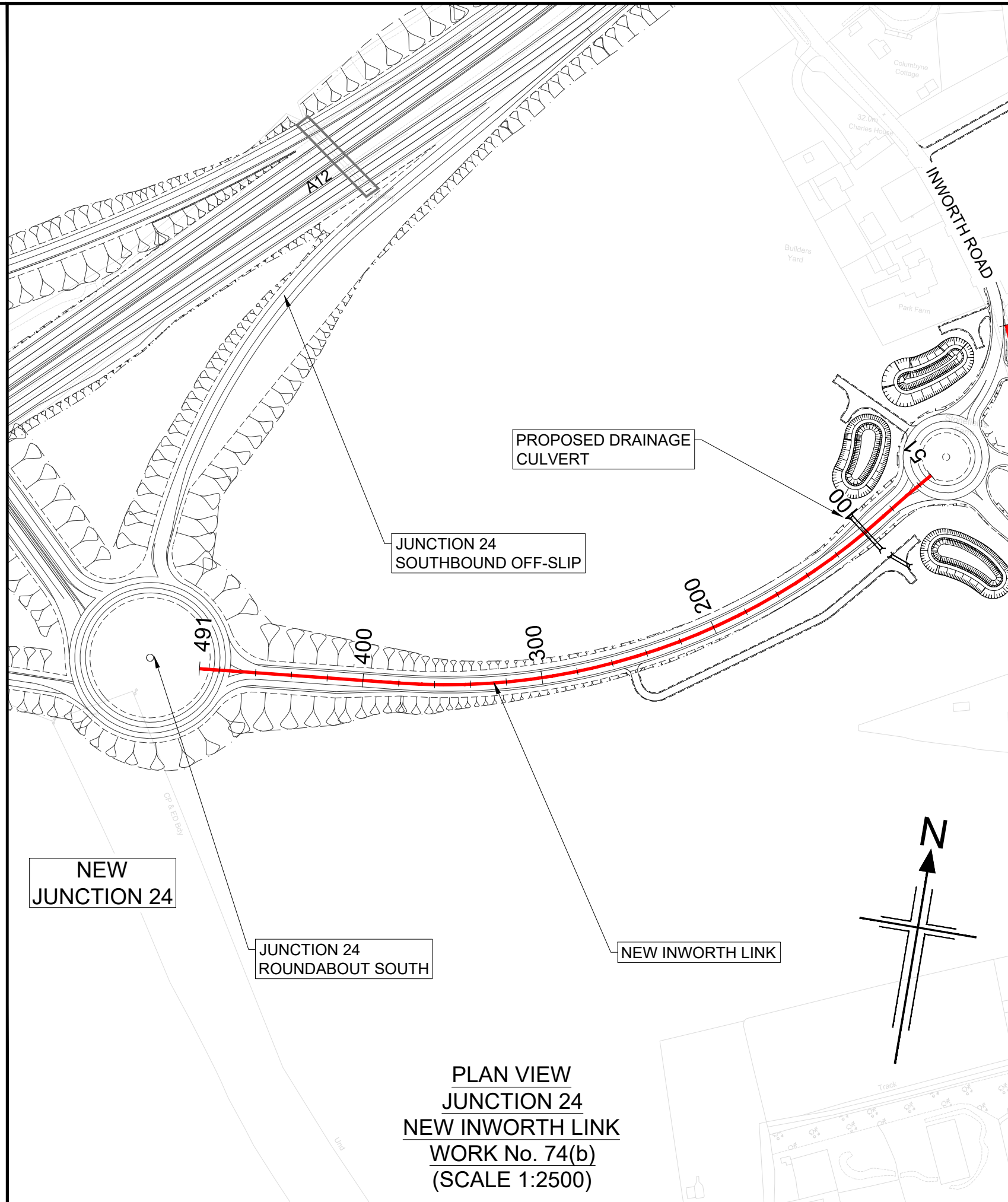
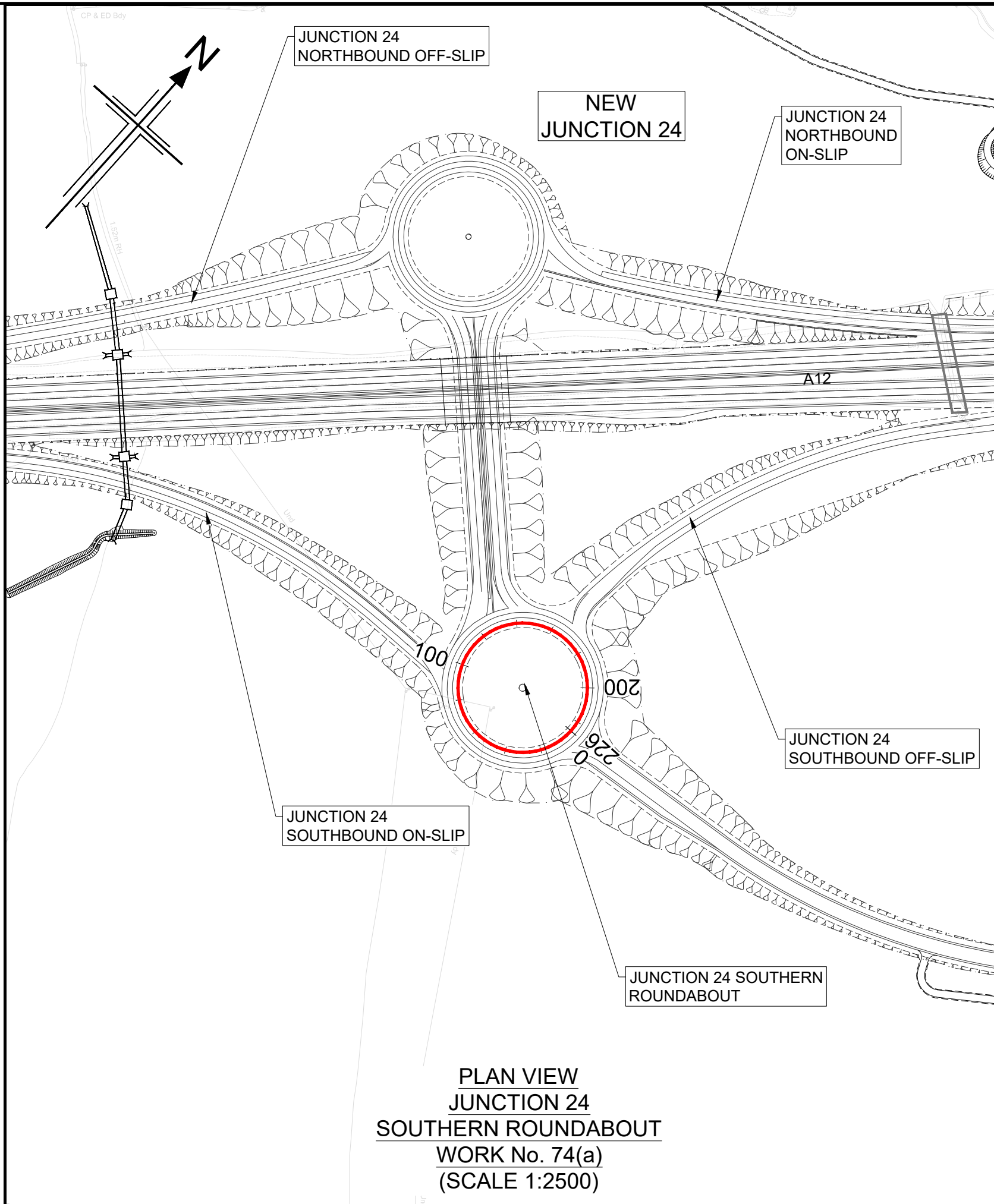
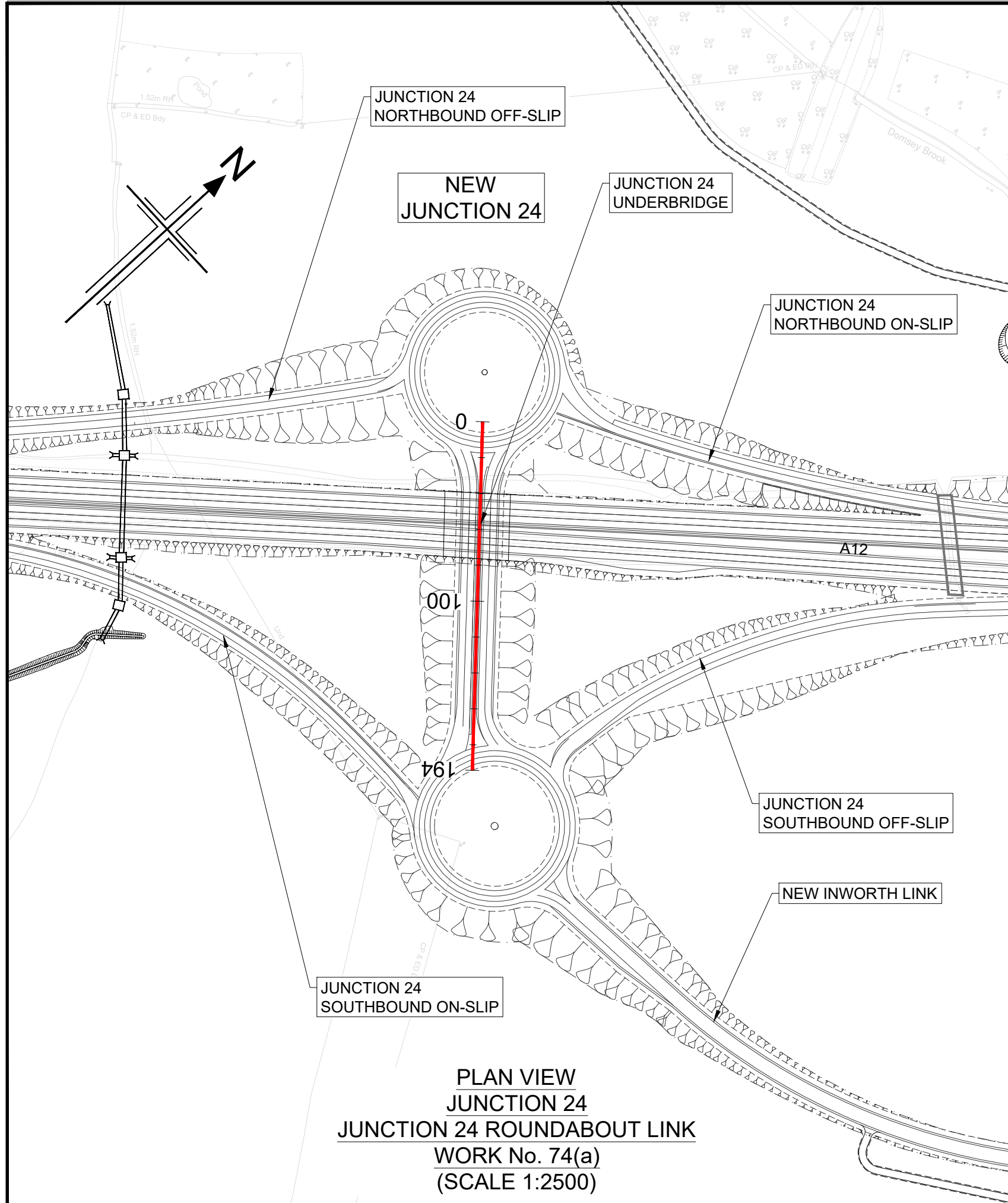
Development Consent Order Drawing Number: TR010060/APP/2.6

Client: **national highways**

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

Drawing title: **STREETS, RIGHTS OF WAY AND ACCESS PLANS SHEET 14 OF 21**

Regulation	REGULATION 8(1)(k)
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	PIN
Originator	JAC
Volume	LDC
Location	SCHW
Type Role Number	-DR- C -0514



NOTES

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- THE BASE MAPPING IS BASED ON ORDNANCE SURVEY (O/S) DATA. ALL LEVELS ARE GIVEN BY REFERENCE TO THE OS DATUM.
- FOR SHEET LAYOUT PLAN REFER TO: HE551497-JAC-LDC-SCHW-DR- C-2000 FOR MAINLINE PROFILES, HE551497-JAC-LDC-SCHW-DR- C-2020 FOR JUNCTION PROFILES, HE551497-JAC-LDC-SCHW-DR- C-2021 FOR SIDE ROAD PROFILES.

Key

PLAN

CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

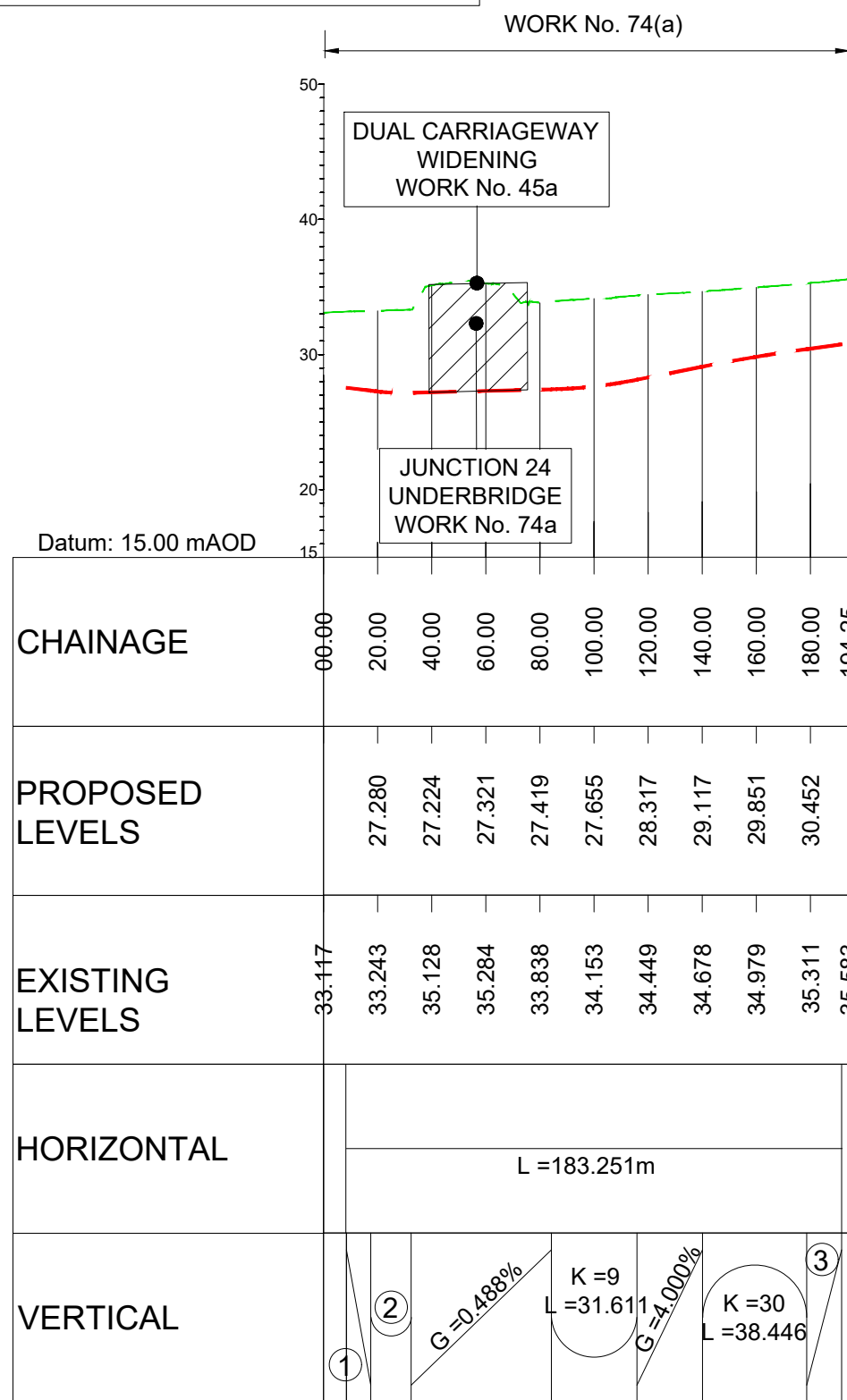
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FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

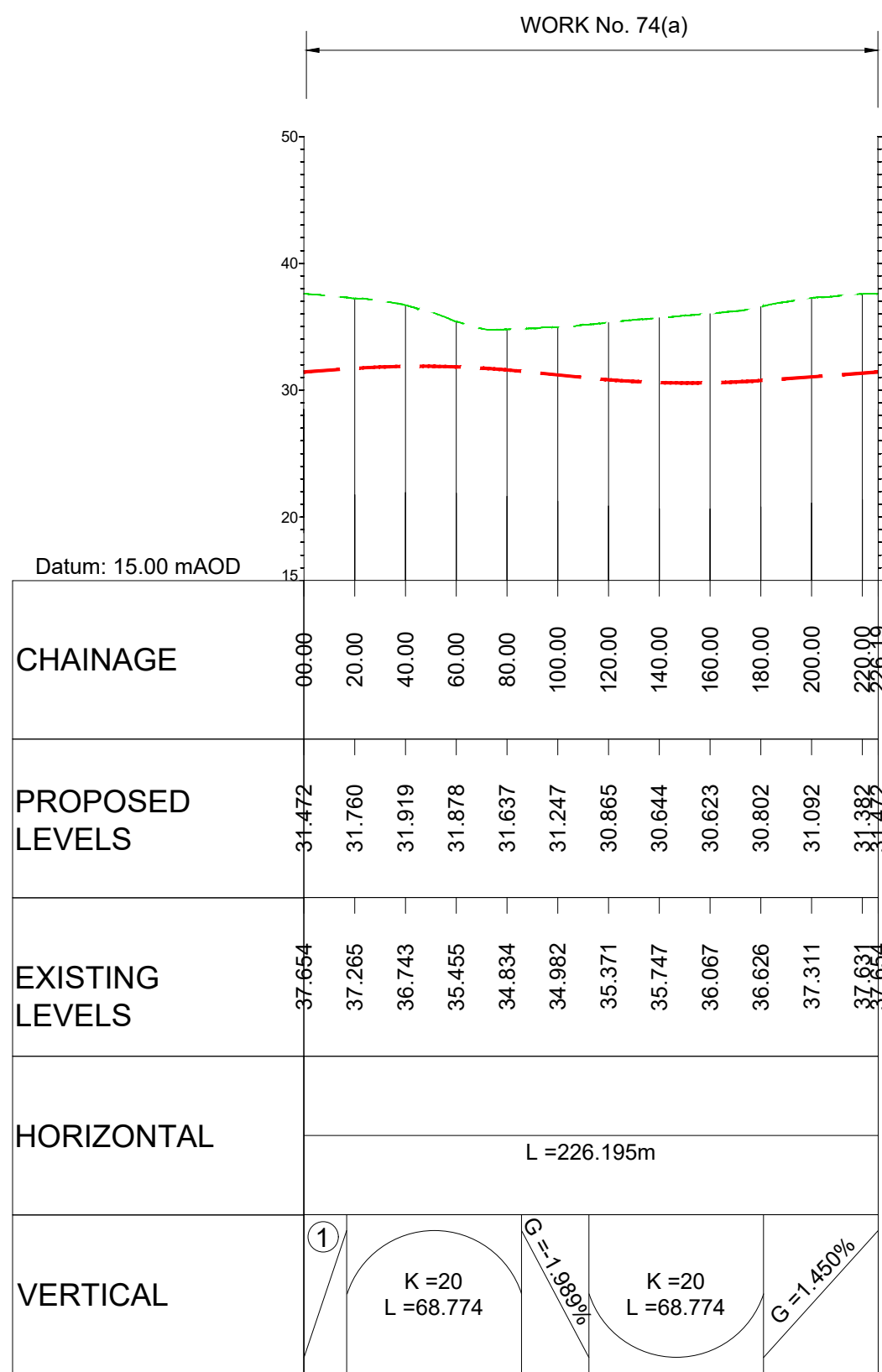
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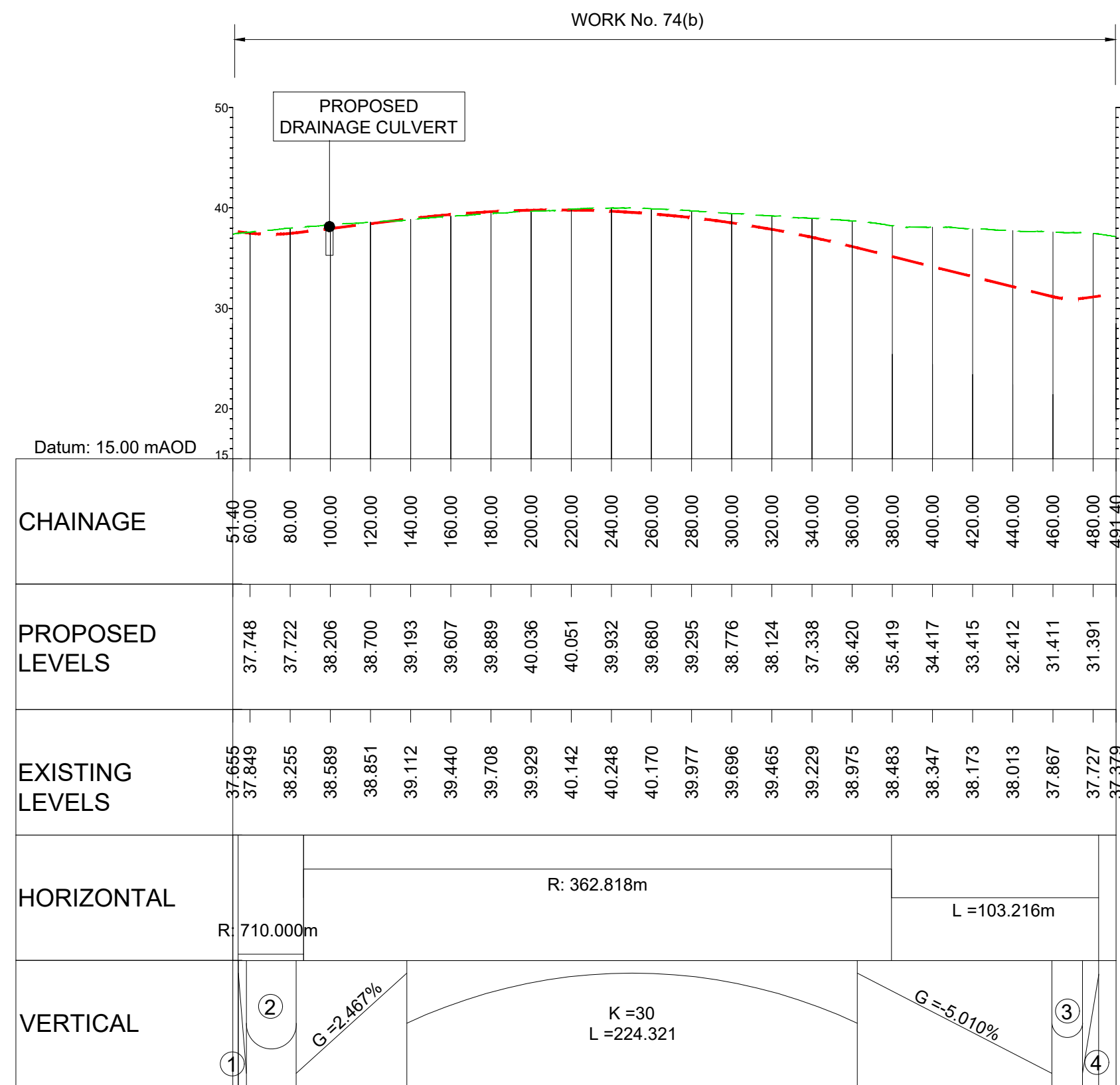
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LONGITUDINAL SECTION
JUNCTION 24
JUNCTION 24 ROUNDABOUT LINK
(SCALE H=1:2500, V=1:500)



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



LONGITUDINAL SECTION
JUNCTION 24
SOUTHERN LINK
(SCALE H=1:2500, V=1:500)

KEY PLAN
SCALE N.T.S.

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

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
P02	03/04/23	DCO CHANGE	AE	LH	RM	RM
P03	25/05/23	DCO CHANGE	AE	LH	RM	RM

Development Consent Order Number: TR010060

Development Consent Order Drawing Number: TR010060/APP/2.11

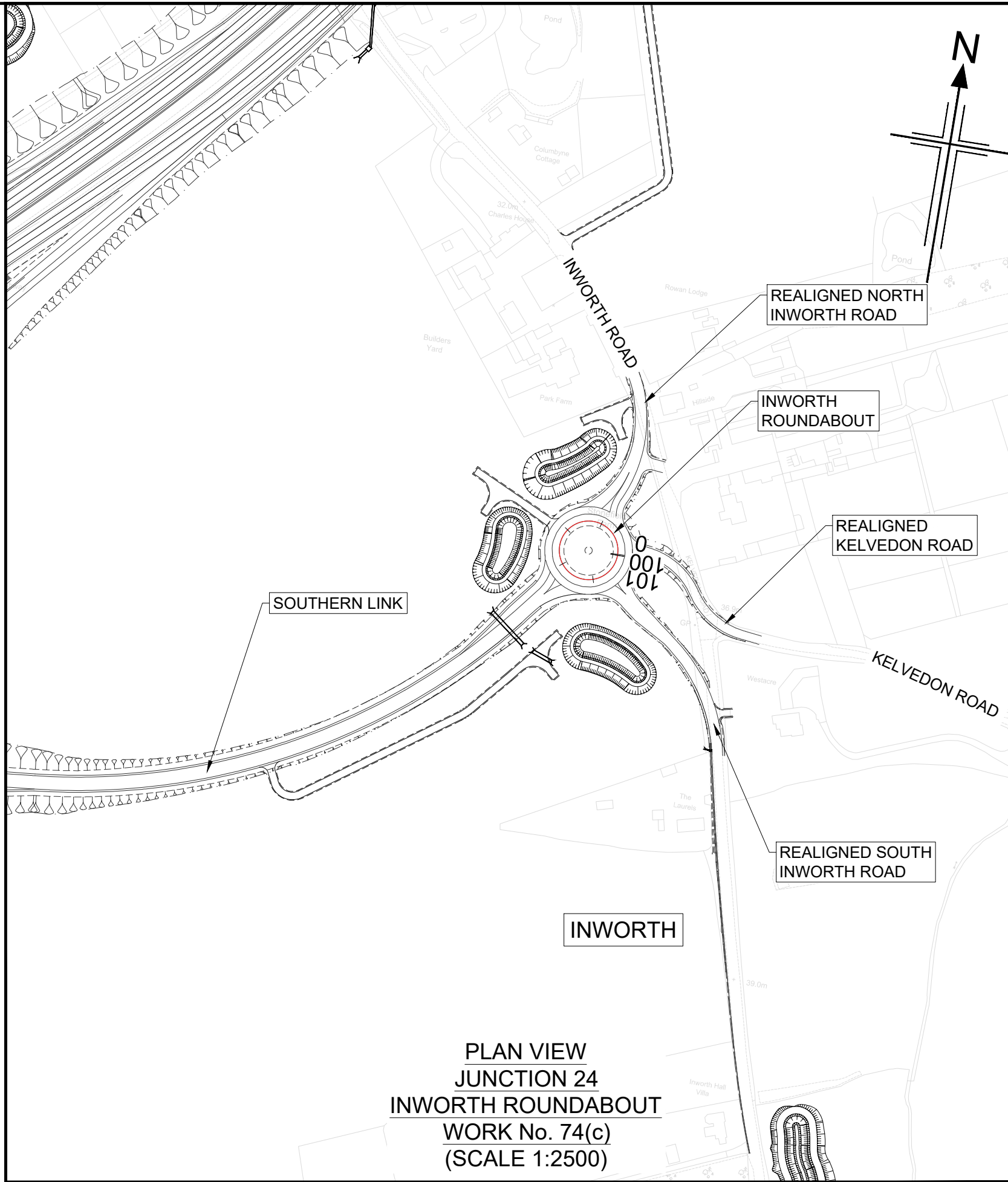
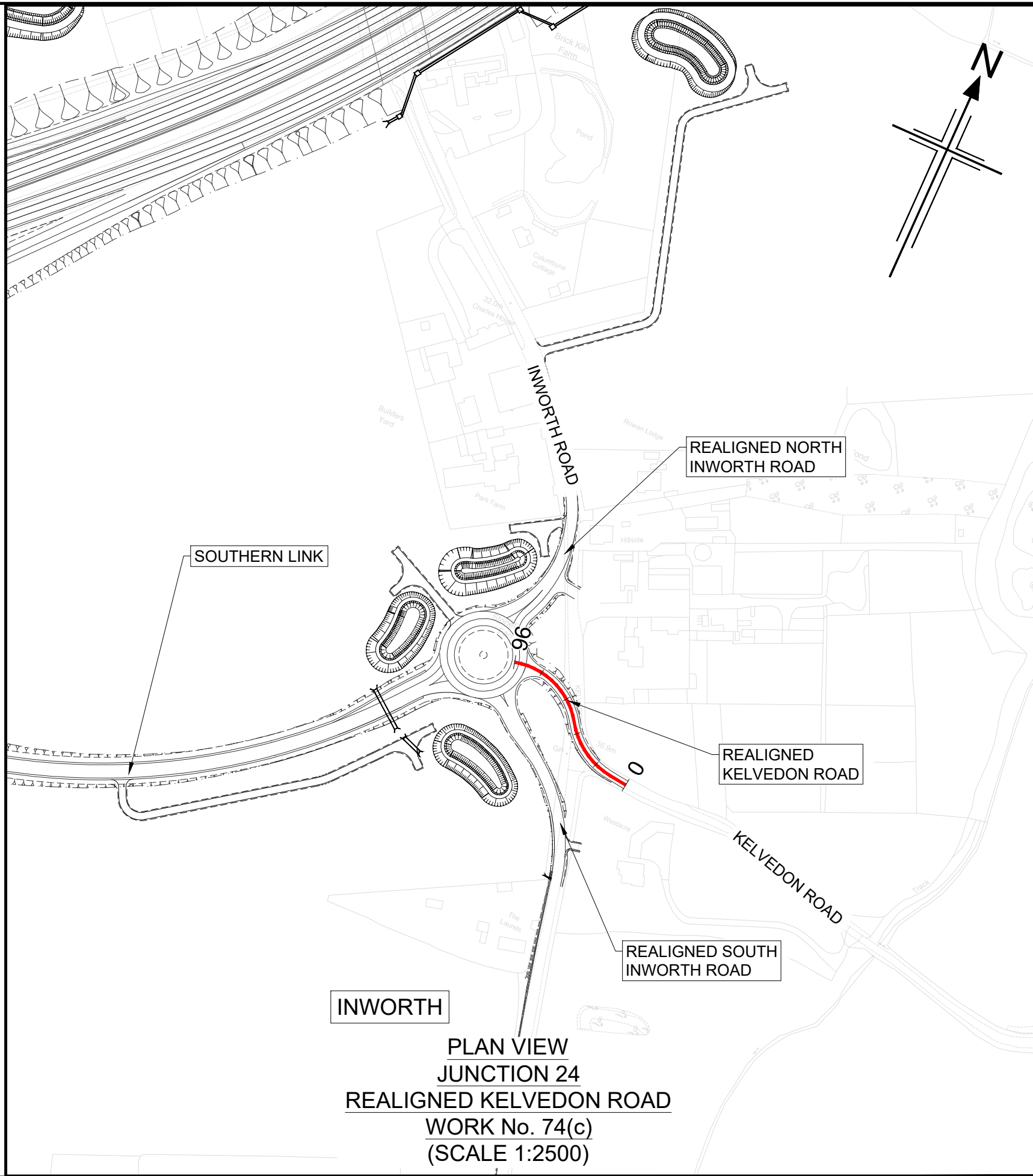
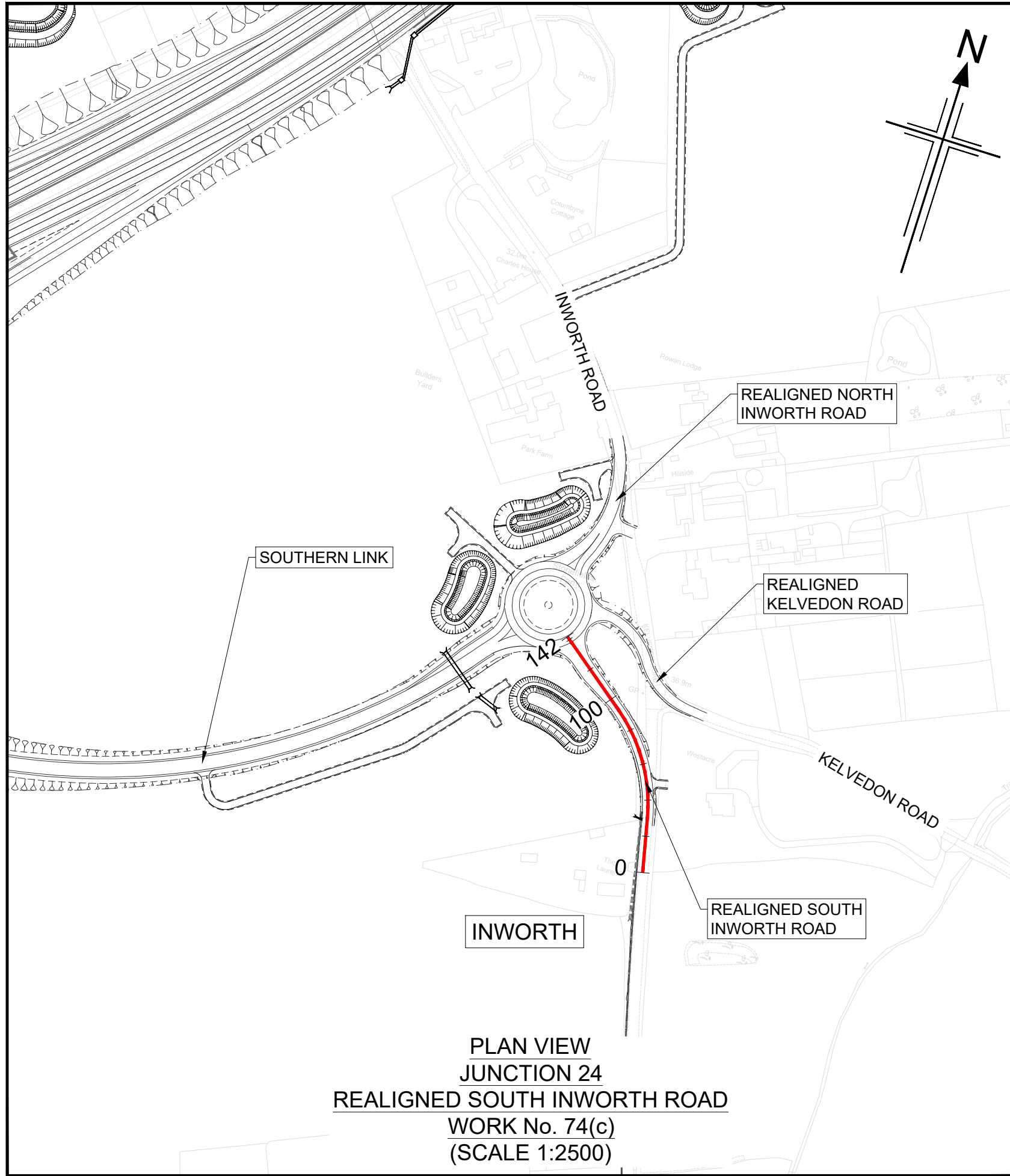
Client: national highways

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: ENGINEERING SECTIONS (PLAN AND PROFILES) JUNCTION 24 SHEET 1 OF 5

Regulation	REGULATION 8(1)(k)
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	PIN
Originator	JAC
Volume	LDC
Type	-DR-
Role	C
Number	0101

HE551497 - JAC - LDC - S3_J24 -DR- C -0101



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)
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- 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

9600

CHAINAGE

CENTRELINE OF NEW ROAD

PROFILE

TOPOGRAPHICAL SURVEY (EXISTING GROUND)

FINISHED ROAD LEVEL AT CENTRELINE OF NEW ROAD

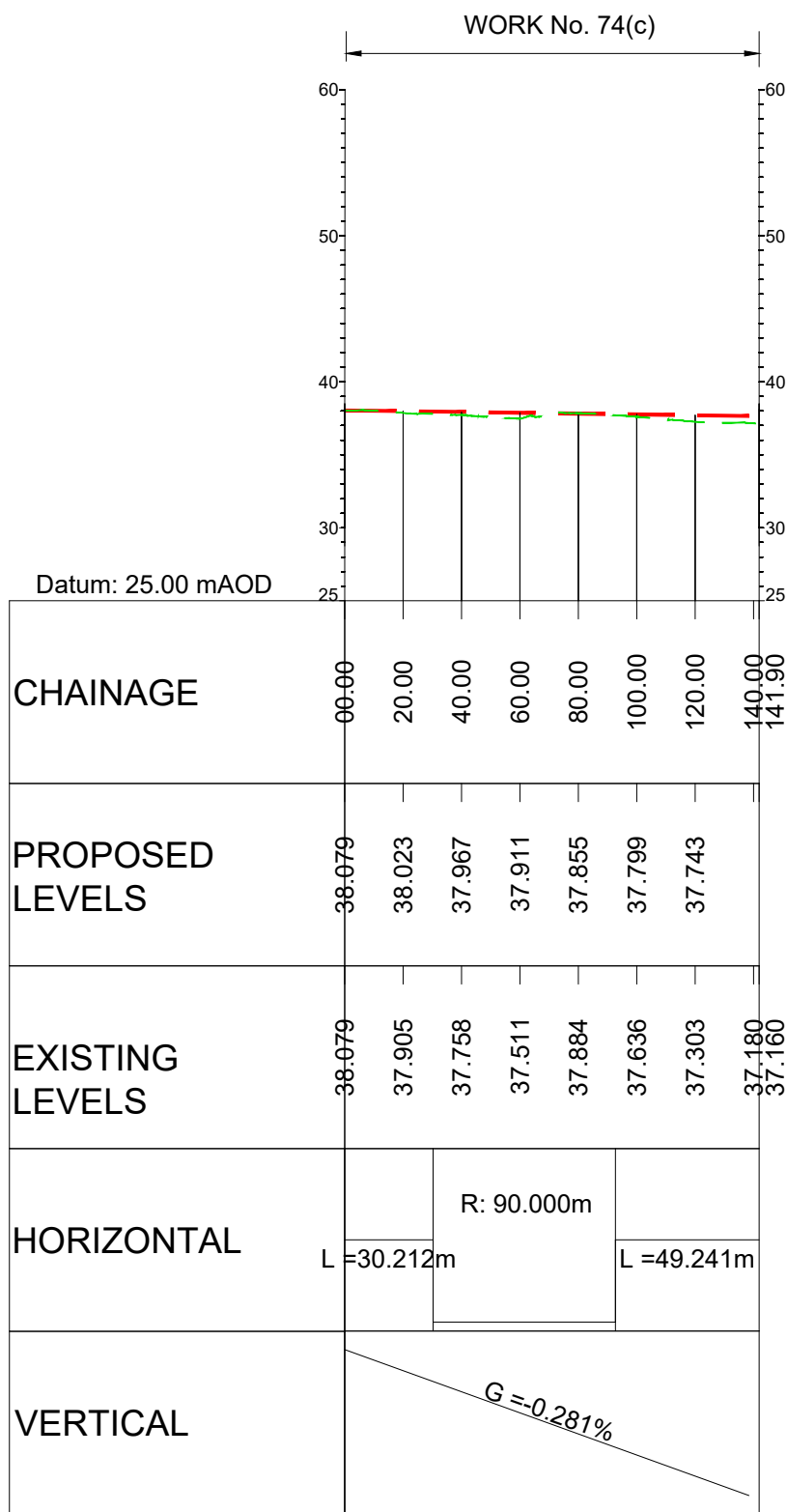
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SCALE 1:2500 METRES

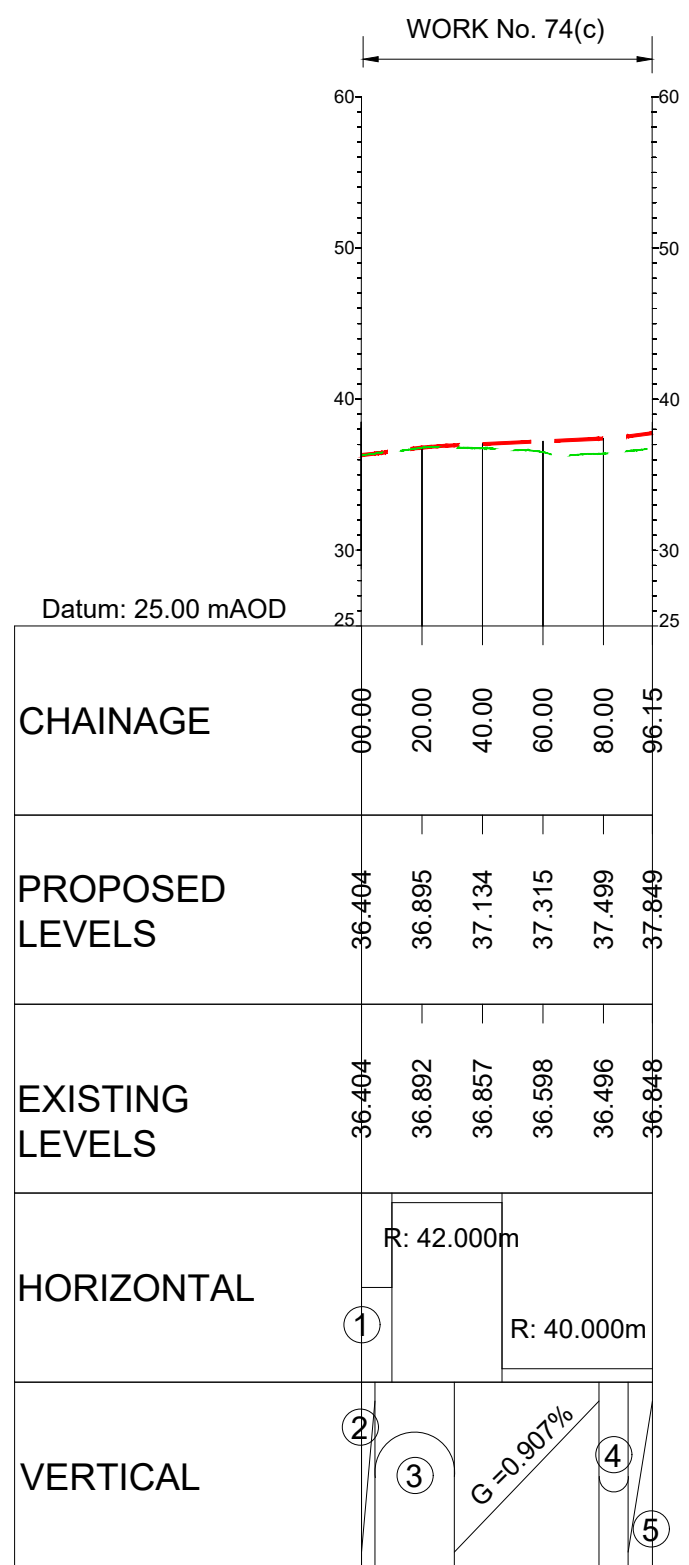
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SCALE 1:500 METRES

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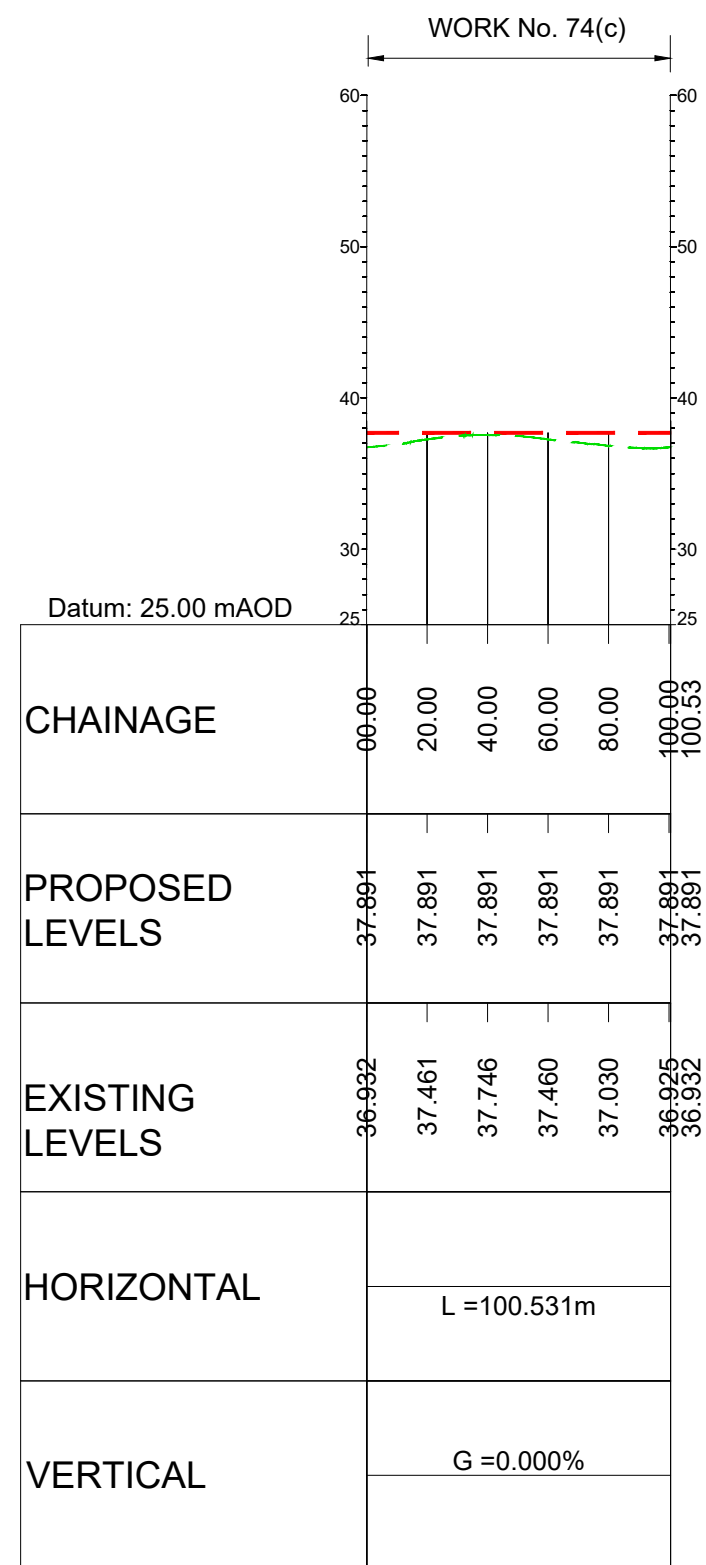


LONGITUDINAL SECTION
JUNCTION 24
REALIGNED SOUTH INWORTH ROAD
(SCALE H=1:2500, V=1:500)

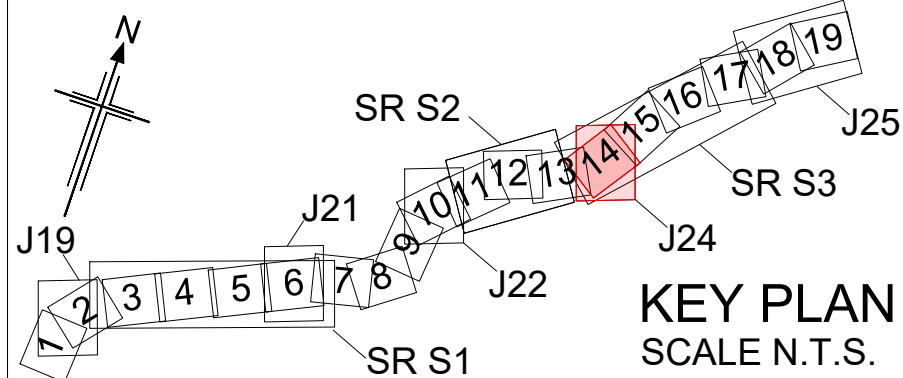


LONGITUDINAL SECTION
JUNCTION 24
REALIGNED KELVEDON ROAD
(SCALE H=1:2500, V=1:500)

- L=10.092m
- G=2.140%
- K=5; L=26.681
- K=6; L=9.610
- G=2.510%



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



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	01/08/22	FINAL FOR DCO SUBMISSION	AE	CA	CA	DT
P02	03/04/23	DCO CHANGE	AE	LH	RM	RM
P03	25/05/23	DCO CHANGE	AE	LH	RM	RM

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



Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

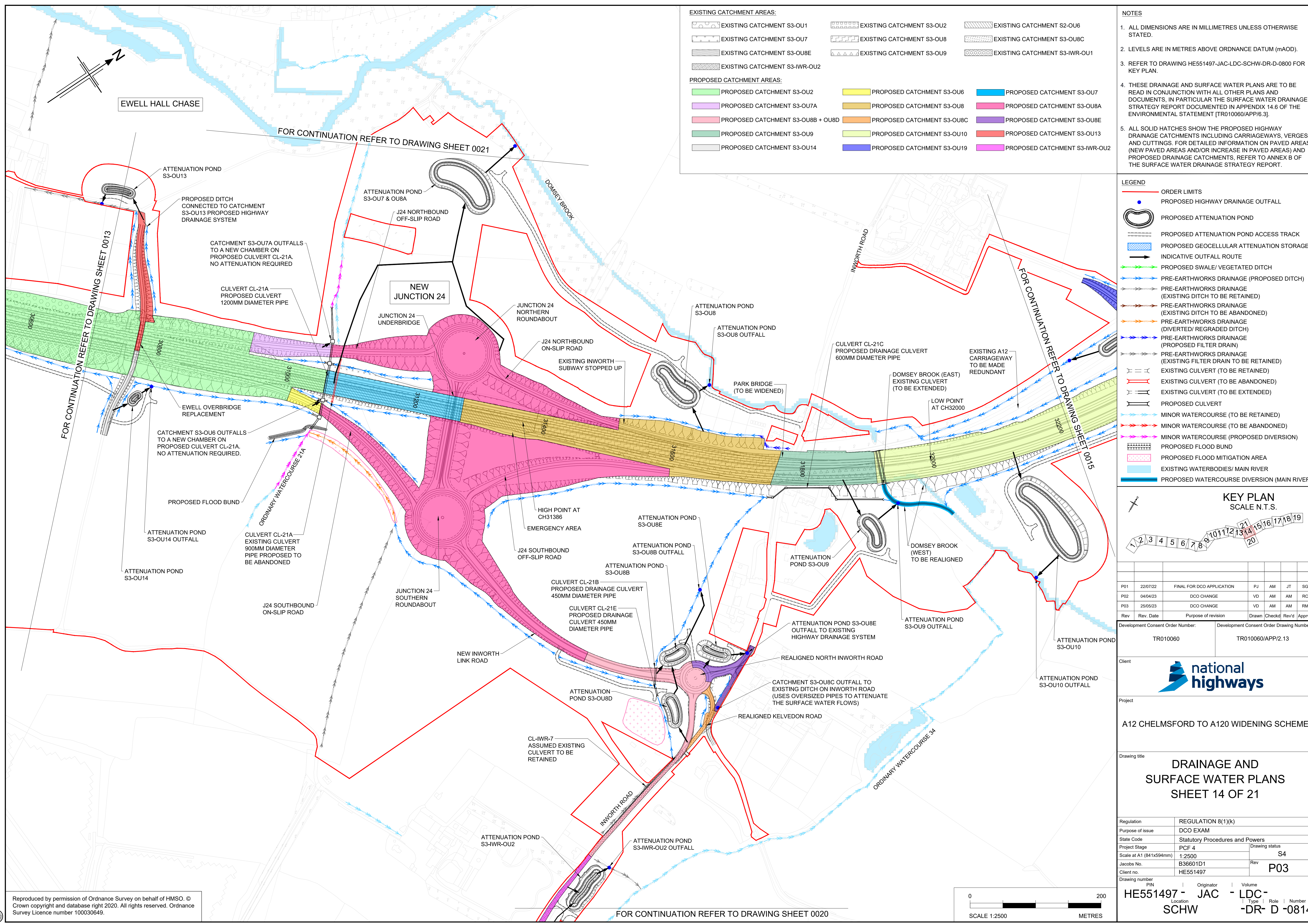
Drawing title

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

Regulation	REGULATION 8(1)(k)
Purpose of issue	DCO EXAM
State Code	Statutory Procedures and Powers
Project Stage	PCF 4
Scale at A1 (841x594mm)	AS SHOWN
Jacobs No.	B36601D1
Client no.	HE551497
Drawing number	PIN
Originator	JAC
Volume	LDC
Location	S3_J24
Type	-DR-
Role	C
Number	0102

HE551497 - JAC - LDC -
S3_J24 -DR- C -0102

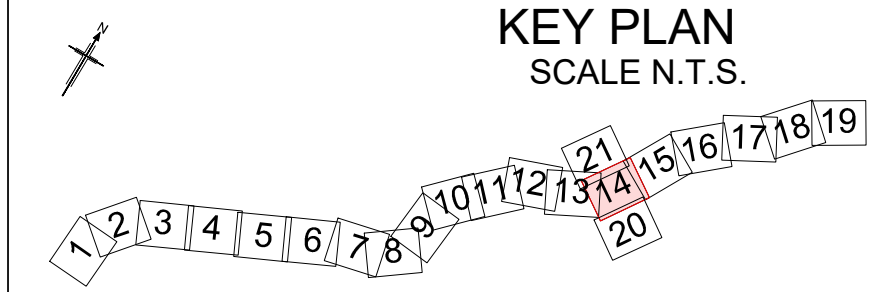
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- EXISTING CATCHMENT AREAS:**
- EXISTING CATCHMENT S3-OU1
 - EXISTING CATCHMENT S3-OU7
 - EXISTING CATCHMENT S3-OU8E
 - EXISTING CATCHMENT S3-IWR-OU2
 - EXISTING CATCHMENT S3-OU2
 - EXISTING CATCHMENT S3-OU8
 - EXISTING CATCHMENT S3-OU9
 - EXISTING CATCHMENT S2-OU6
 - EXISTING CATCHMENT S3-OU8C
 - EXISTING CATCHMENT S3-IWR-OU1
- PROPOSED CATCHMENT AREAS:**
- PROPOSED CATCHMENT S3-OU2
 - PROPOSED CATCHMENT S3-OU7A
 - PROPOSED CATCHMENT S3-OU8B + OU8D
 - PROPOSED CATCHMENT S3-OU9
 - PROPOSED CATCHMENT S3-OU14
 - PROPOSED CATCHMENT S3-OU6
 - PROPOSED CATCHMENT S3-OU8
 - PROPOSED CATCHMENT S3-OU8C
 - PROPOSED CATCHMENT S3-OU10
 - PROPOSED CATCHMENT S3-OU19
 - PROPOSED CATCHMENT S3-OU7
 - PROPOSED CATCHMENT S3-OU8A
 - PROPOSED CATCHMENT S3-OU8E
 - PROPOSED CATCHMENT S3-OU13
 - PROPOSED CATCHMENT S3-IWR-OU2

- 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)



P01	22/07/22	FINAL FOR DCO APPLICATION	PJ	AM	JT	SG
P02	04/04/23	DCO CHANGE	VD	AM	AM	RC
P03	25/05/23	DCO CHANGE	VD	AM	AM	RM
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



Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

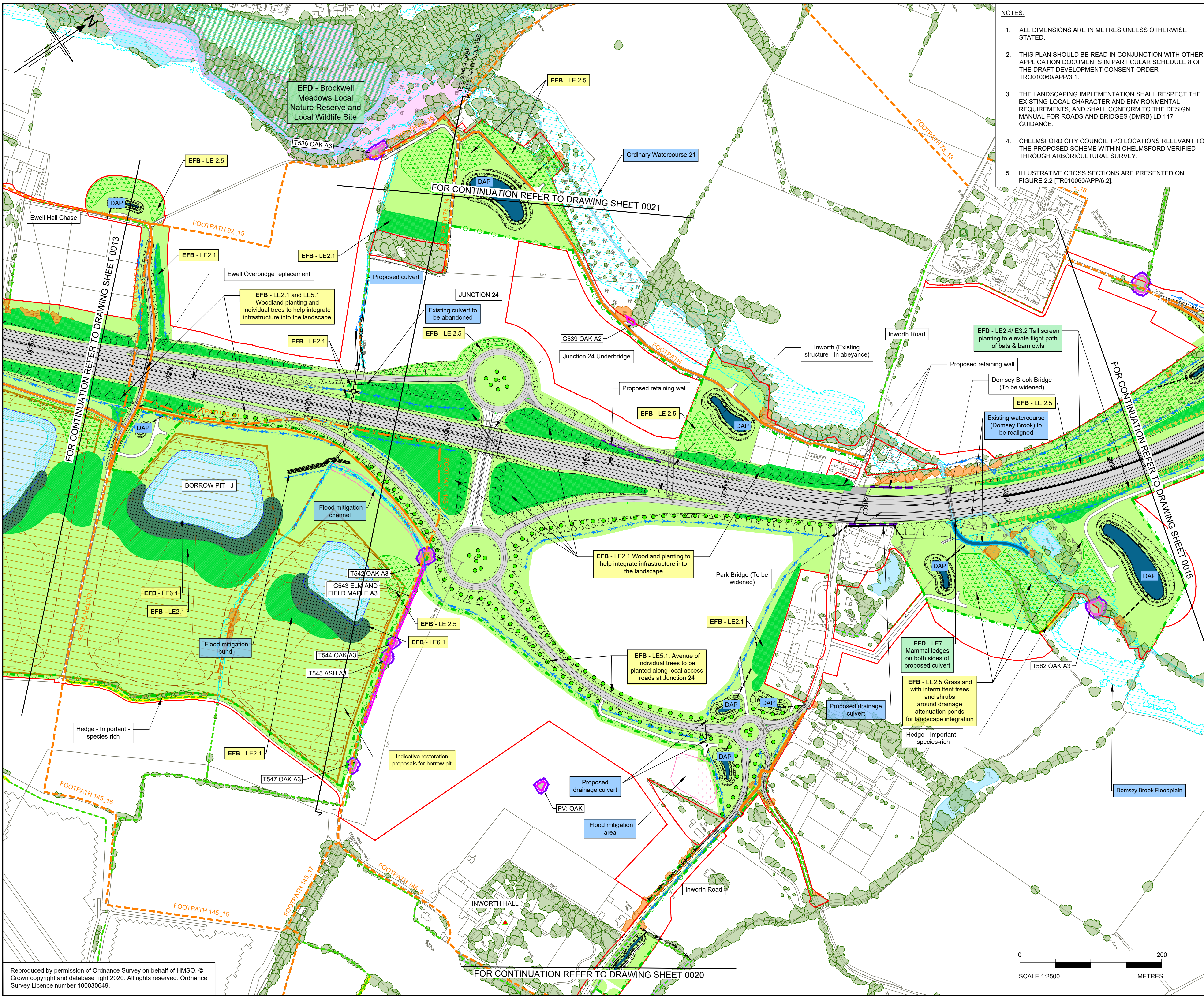
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DRAINAGE AND SURFACE WATER PLANS
SHEET 14 OF 21

Regulation	REGULATION 8(1)(k)
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	HE551497 - JAC - LDC - SCHW -DR- D -0814
PIIN	Originator
Location	Volume
Type	Role
Number	Number

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- NOTES:
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 - THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 8 OF THE DRAFT DEVELOPMENT CONSENT ORDER TR0010060/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].

FIGURE 2.1

BOUNDARIES

- 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
- 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

P04	25/05/23	DCO CHANGE	DR	HB	HM	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Development Consent Order Number: TR010060

Client: **national highways**

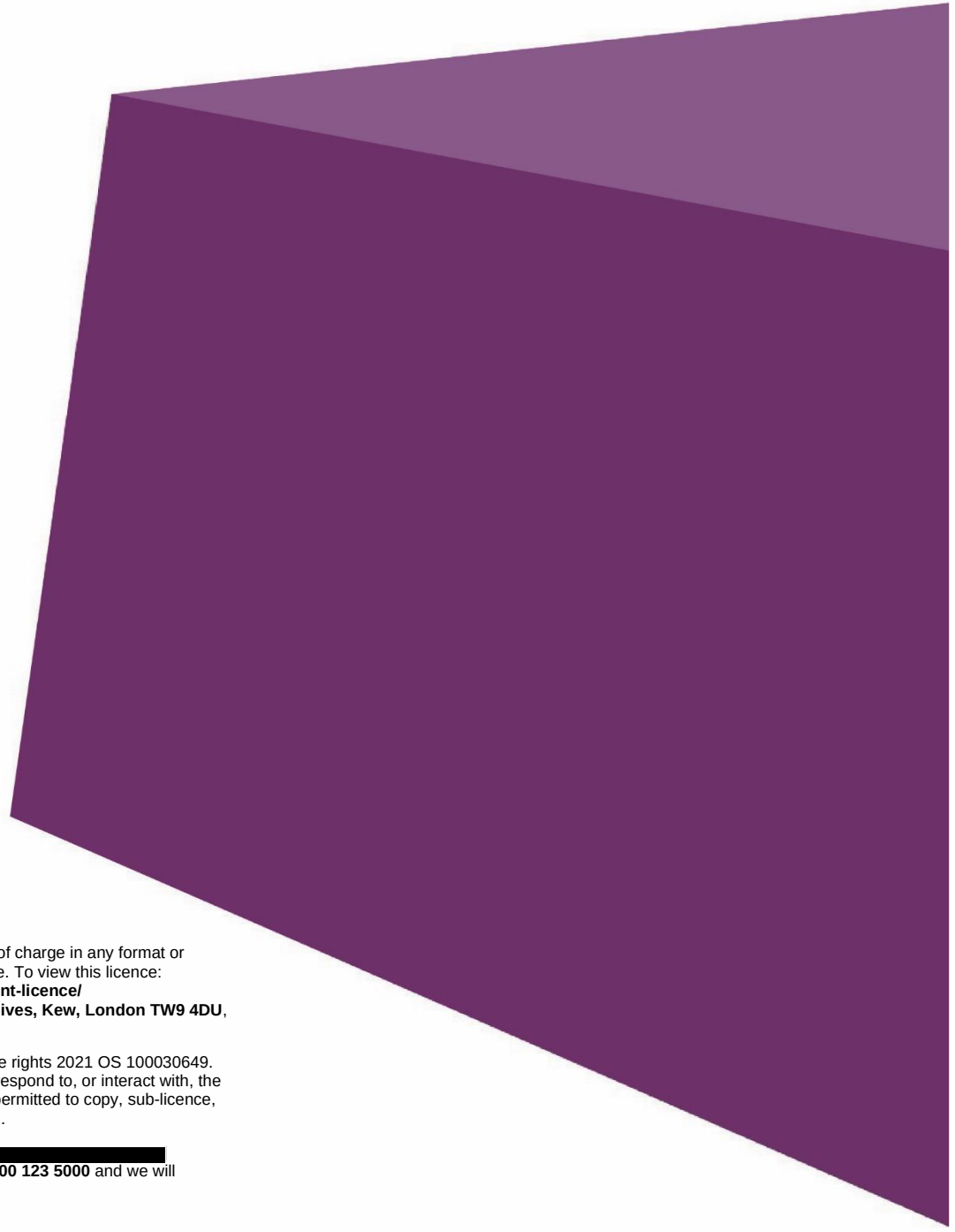
Project: **A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing title: **ENVIRONMENTAL STATEMENT
ENVIRONMENTAL MASTERPLAN
CH. 30700 TO 32200
SHEET 14 OF 21**

Regulation	REGULATION 8(1)(K)
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: **HE551497 - JAC - LDC - SCHW -DR- L -0214**

PIIN | Originator | Volume | Type | Role | Number



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Highways England Company Limited registered in England and Wales number 09346363

