A12 Chelmsford to A120 widening scheme

TR010060

2.14 RETAINED AND REMOVED VEGETATION PLANS

PART 2

APFP Regulation 5(2)(q)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Volume 2

August 2022

Infrastructure Planning

Planning Act 2008

A12 Chelmsford to A120 widening scheme

Development Consent Order 202[ ]

RETAINED AND REMOVED VEGETATION PLANS PART 2

Regulation Reference	Regulation 5(2)(q)
Planning Inspectorate Scheme Reference	TR010060
Application Document Reference	TR010060/APP/2.14
Author	A12 Project Team, National Highways

Version	**Date**	**Status of Version**
Rev 1	August 2022	DCO Application

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1 Introduction

1.1 General

1.1.1 National Highways (the Applicant) has submitted an application under section 37 of the Planning Act 2008 (the "2008 Act") to the Secretary of State for Transport via the Planning Inspectorate (the Inspectorate) for an order to grant development consent for the A12 Chelmsford to A120 widening scheme (the proposed scheme).

1.1.2 The Retained and Removed Vegetation Plans ('these Plans') have been prepared to accompany the application for a Development Consent Order (DCO), made by the Applicant to the Secretary of State for Transport via the Planning Inspectorate.

1.1.3 The proposed scheme comprises improvements to the A12 between junction 19 (Boreham interchange) and junction 25 (Marks Tey interchange), a distance of approximately 24km, or 15 miles. The proposed scheme involves widening the A12 to three lanes throughout (where it is not already three lanes) with a bypass between junctions 22 and 23 and a second bypass between junctions 24 and 25. It also includes safety improvements, including closing off existing private and local direct accesses onto the main carriageway, and providing alternative provision for walkers, cyclists and horse riders (WCH) to existing routes along the A12, which would be removed. A detailed description of the proposed scheme can be found in Chapter 2 of the Environmental Statement [TR010060/APP/6.1].

1.1.4 These Plans comprise part of the DCO application documentation and are included in compliance with Regulation 5(2)(q) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, which require:

'*5(2)(q) any other documents considered necessary to support the application*'.

1.1.5 These Plans have been included in the DCO application to identify the locations of trees and vegetation to be retained or removed to facilitate construction of the proposed scheme. They identify trees protected by Tree Preservation Orders, Important Hedgerows, veteran, ancient and notable trees as defined by the Woodland Trust, and further potential veteran and ancient trees identified in Appendix 8.4: Arboricultural Impact Assessment, of the Environmental Statement [TR010060/APP/6.3].

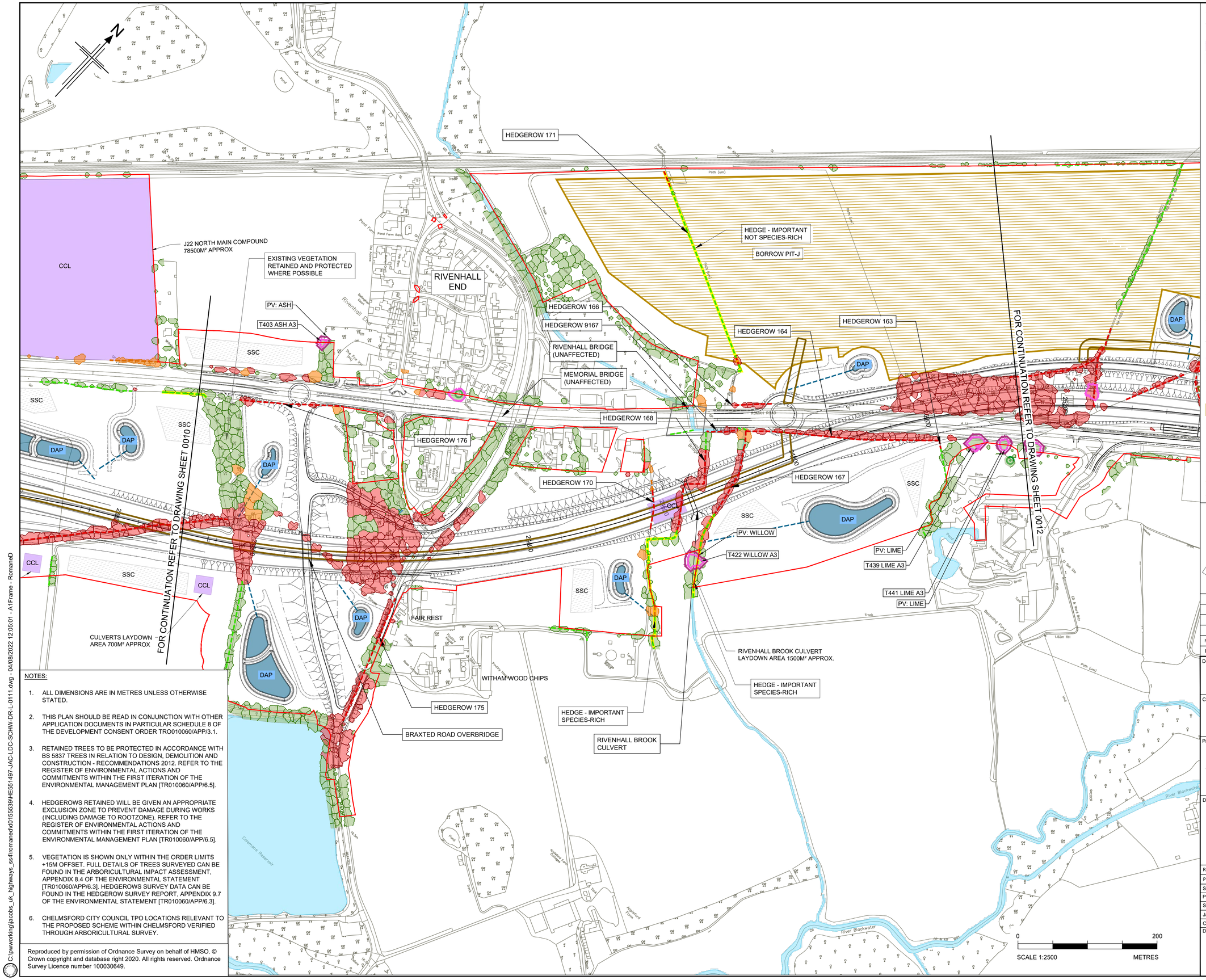
1.1.6 As these Plans are part of the DCO application documentation, they should be read alongside (and are informed by) the other Application Documents.

2 Schedule of plans included in this application document

Drawing Number	Drawing Title	Revision
PART 1		
HE551497-JAC-LDC-SCHW-DR-L-0100	RETAINED AND REMOVED VEGETATION PLANS KEY PLAN	P01
HE551497-JAC-LDC-SCHW-DR-L-0101	RETAINED AND REMOVED VEGETATION PLANS CH. 9500 TO 10600 SHEET 1 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0102	RETAINED AND REMOVED VEGETATION PLANS CH. 10600 TO 12100 SHEET 2 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0103	RETAINED AND REMOVED VEGETATION PLANS CH. 12100 TO 13600 SHEET 3 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0104	RETAINED AND REMOVED VEGETATION PLANS CH. 13600 TO 15400 SHEET 4 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0105	RETAINED AND REMOVED VEGETATION PLANS CH. 15400 TO 16800 SHEET 5 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0106	RETAINED AND REMOVED VEGETATION PLANS CH. 16800 TO 18300 SHEET 6 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0107	RETAINED AND REMOVED VEGETATION PLANS CH. 18300 TO 19600/20000 SHEET 7 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0108	RETAINED AND REMOVED VEGETATION PLANS	P01

	CH. 19600/20000 TO 21400 SHEET 8 OF 21	
HE551497-JAC-LDC-SCHW-DR-L-0109	RETAINED AND REMOVED VEGETATION PLANS CH. 21400 TO 22600 SHEET 9 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0110	RETAINED AND REMOVED VEGETATION PLANS CH. 22600 TO 23900 SHEET 10 OF 21	P01
PART 2		
HE551497-JAC-LDC-SCHW-DR-L-0111	RETAINED AND REMOVED VEGETATION PLANS CH. 23900 TO 25100 SHEET 11 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0112	RETAINED AND REMOVED VEGETATION PLANS CH. 25100 TO 26500 SHEET 12 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0113	RETAINED AND REMOVED VEGETATION PLANS CH. 26500 TO 30700 SHEET 13 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0114	RETAINED AND REMOVED VEGETATION PLANS CH. 30700 TO 32200 SHEET 14 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0115	RETAINED AND REMOVED VEGETATION PLANS CH. 32200 TO 33700 SHEET 15 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0116	RETAINED AND REMOVED VEGETATION PLANS CH. 33700 TO 35200 SHEET 16 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0117	RETAINED AND REMOVED VEGETATION PLANS CH. 35200 TO 36700	P01

	SHEET 17 OF 21	
HE551497-JAC-LDC-SCHW-DR-L-0118	RETAINED AND REMOVED VEGETATION PLANS CH. 36700 TO 38200 SHEET 18 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0119	RETAINED AND REMOVED VEGETATION PLANS CH. 38200 TO 39355 SHEET 19 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0120	RETAINED AND REMOVED VEGETATION PLANS CH. 18300 TO 19600/20000 SHEET 20 OF 21	P01
HE551497-JAC-LDC-SCHW-DR-L-0121	RETAINED AND REMOVED VEGETATION PLANS CH. 16800 TO 18300 SHEET 21 OF 21	P01



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6. CHELMSFORD CITY COUNCIL TPO LOCATIONS RELEVANT TO THE PROPOSED SCHEME WITHIN CHELMSFORD VERIFIED THROUGH ARBORICULTURAL SURVEY.

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LEGEND

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- OPEN WATER
- CONSERVATION AREAS
- ANCIENT WOODLAND
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- SSC — PROPOSED TEMPORARY SOIL STORAGE (SSC)
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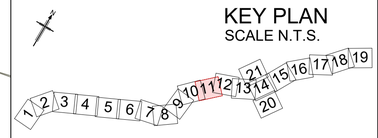
KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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. 23900 TO 25100 SHEET 11 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number: PIN HE551497 - Originator JAC - Volume LDC - Location SCHW - Type DR - Role L - Number 0111

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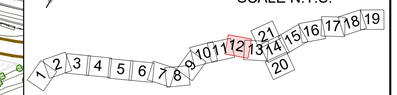

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P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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. 25100 TO 26500 SHEET 12 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number: PIN HE551497 - Originator JAC - Volume LDC - Location SCHW - Type DR - Role L - Number 0112

SCALE 1:2500 — 0 — 200 METRES

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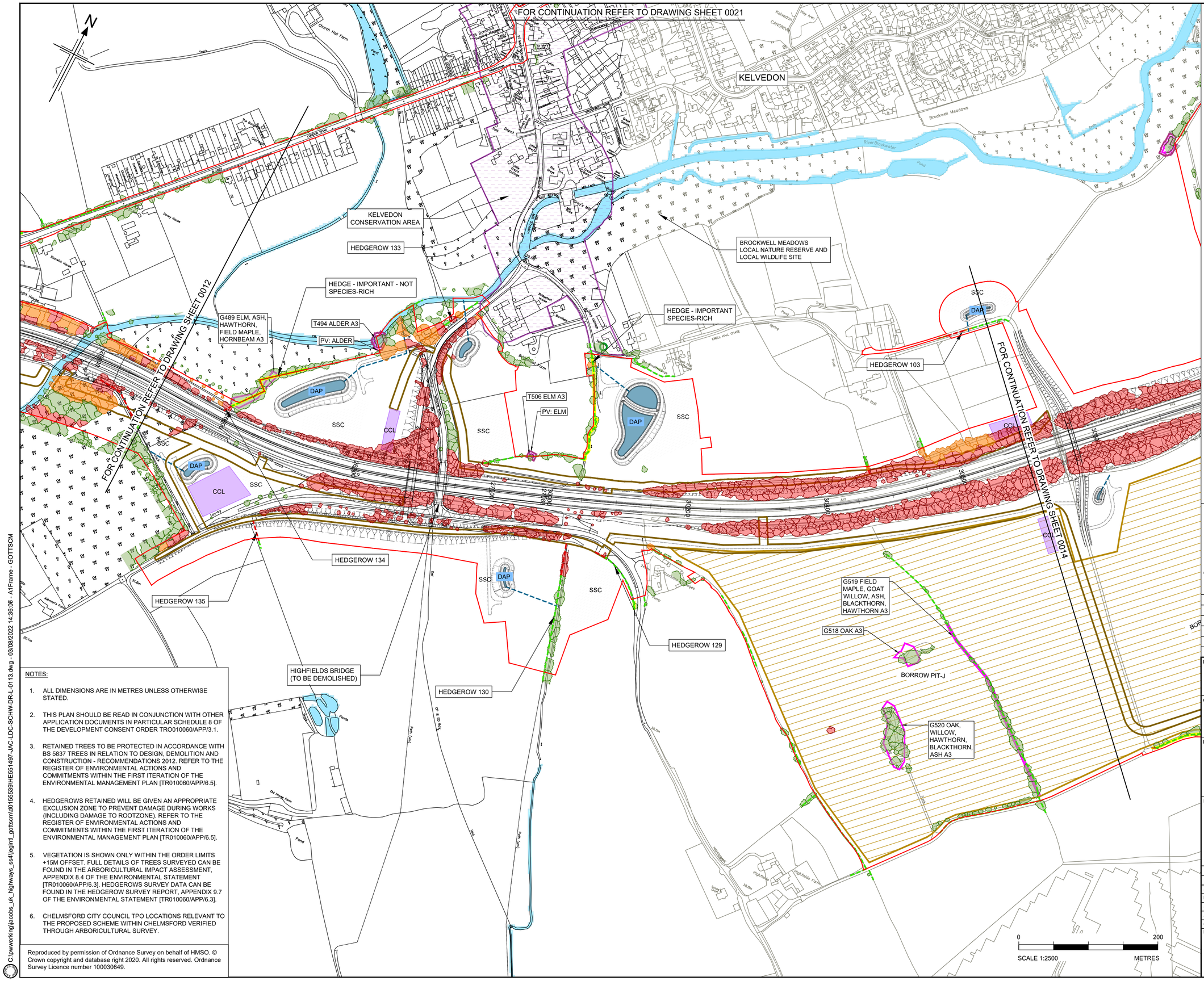

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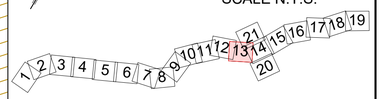

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AeccDbFace (AeccLand120)

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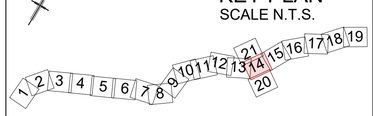
KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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. 30700 TO 32200 SHEET 14 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number: PIN HE551497 - Originator JAC - Volume LDC - Location SCHW - Type DR - Role L - Number 0114

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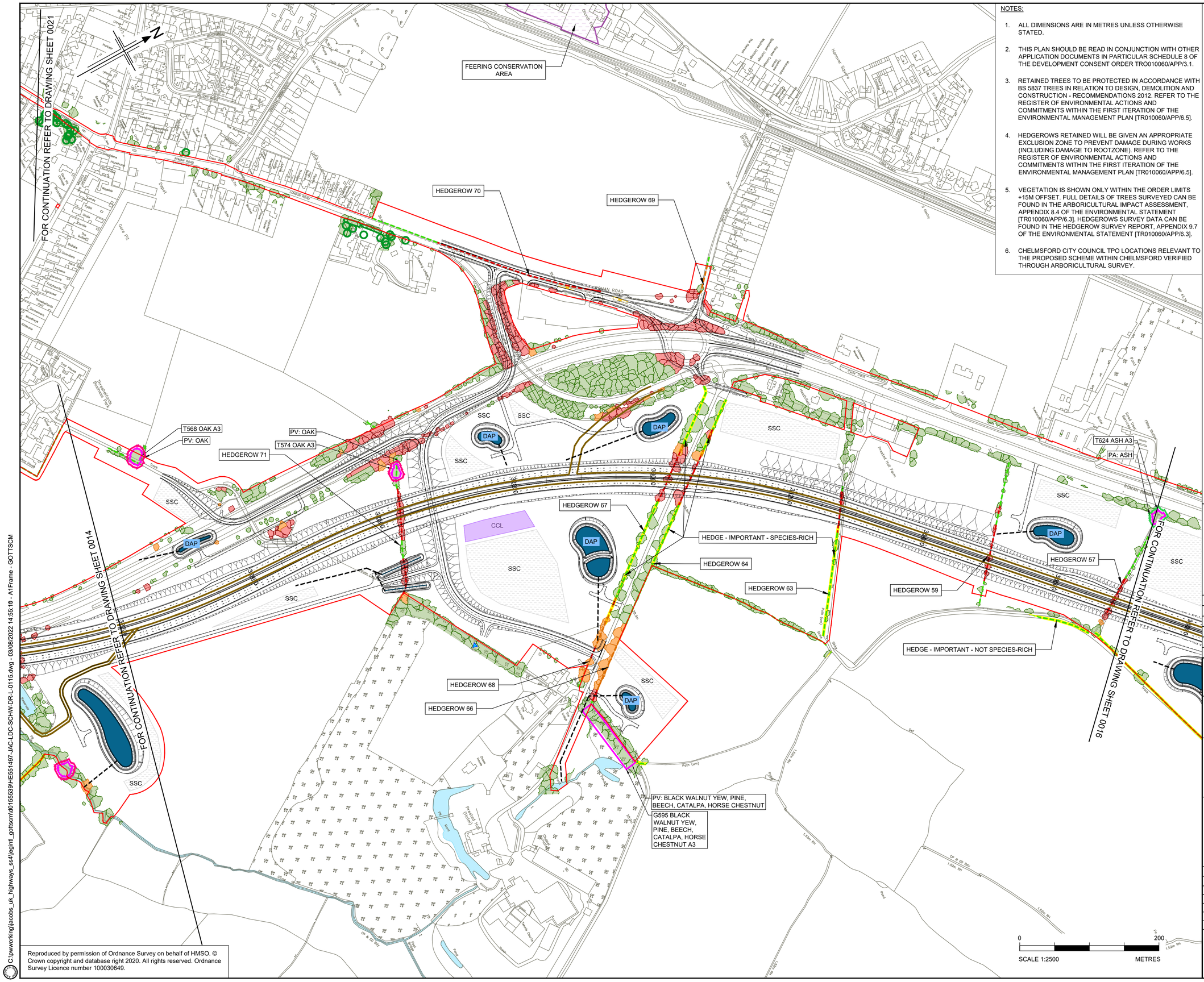
AeccDbFace (AeccLand130)



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LEGEND

EXISTING ENVIRONMENTAL FEATURES

- OPEN WATER
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- A-GRADE TREES IDENTIFIED IN THE ARBORICULTURAL IMPACT ASSESSMENT (DCO DOC REF TR010060/APP/6.3)
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- IMPORTANT HEDGEROWS (HEDGEROW REGULATIONS, 1997) IDENTIFIED IN CHAPTER 9: BIODIVERSITY (DCO DOC REF TR010060/APP/6.1)
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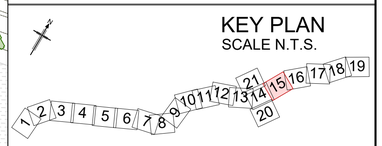
PROPOSED SCHEME FEATURES

- ORDER LIMITS
- CCL — PROPOSED TEMPORARY CONSTRUCTION COMPOUND AND/OR LAY DOWN AREAS (CCL)
- SSC — PROPOSED TEMPORARY SOIL STORAGE (SSC)
- PROPOSED TEMPORARY HAUL ROAD
- BORROW PIT
- DAP — 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.



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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. 32200 TO 33700 SHEET 15 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number

PIN HE551497 - Originator JAC - Volume LDC - Location SCHW - Type DR - Role L - Number 0115

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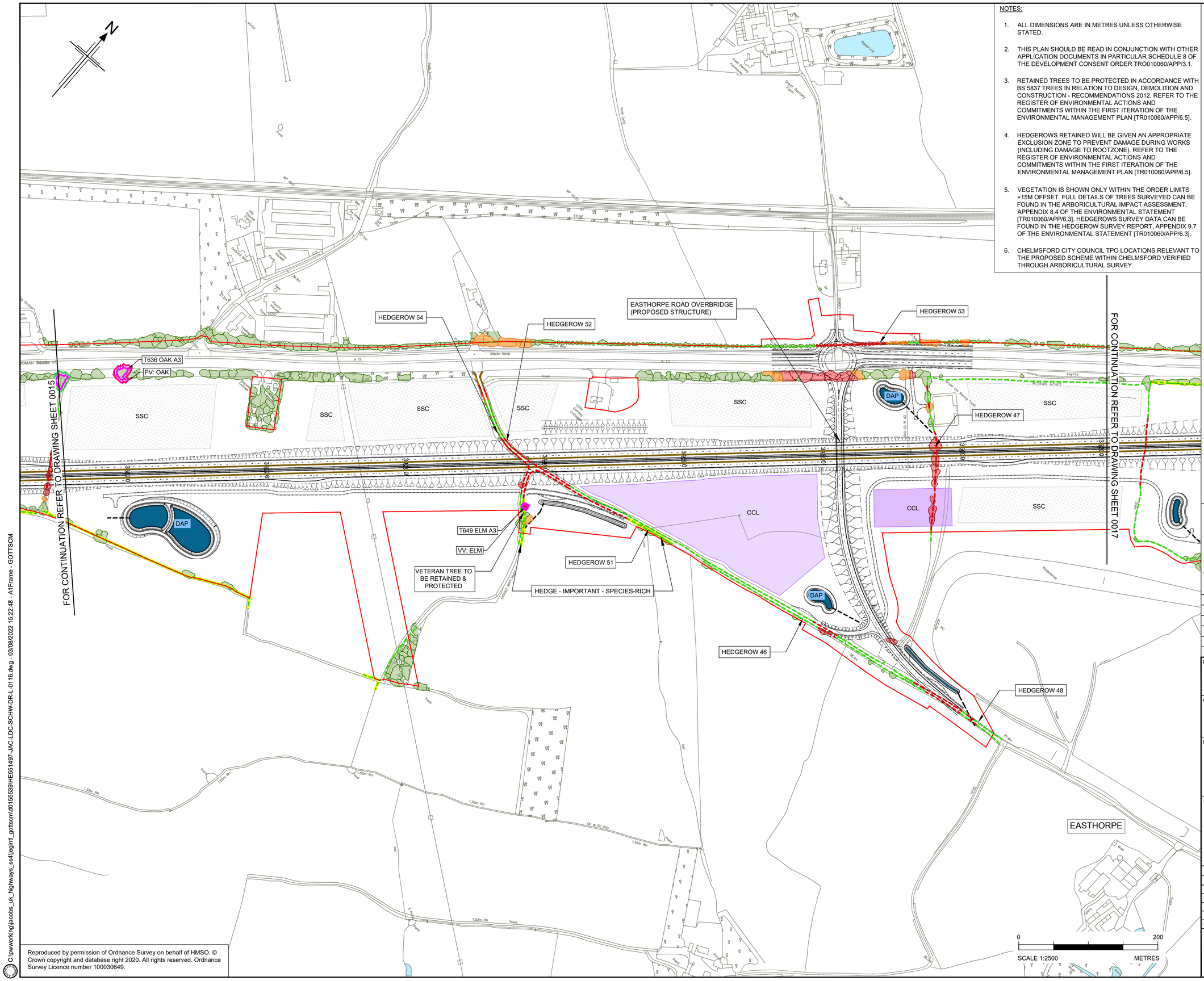
AeccDbFace (AeccLand120)



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LEGEND

EXISTING ENVIRONMENTAL FEATURES

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PROPOSED SCHEME FEATURES

- ORDER LIMITS
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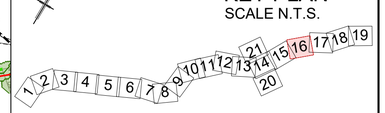
KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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. 33700 TO 35200 SHEET 16 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number

PIN	Originator	Volume	Location	Type	Role	Number
HE551497	JAC	LDC	SCHW	DR	L	0116

AeccDbFace (AeccLand120)

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LEGEND

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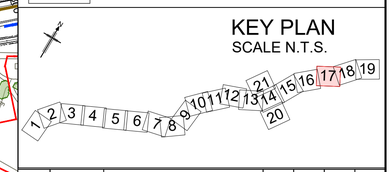
KEY PLAN
SCALE N.T.S.



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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. 35200 TO 36700 SHEET 17 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497

Drawing status: S4

Rev: P01

Drawing number: HE551497 - JAC - LDC - SCHW -DR- L -0117

PIN | Originator | Volume | Location | Type | Role | Number

SCALE 1:2500 — 0 — 200 METRES

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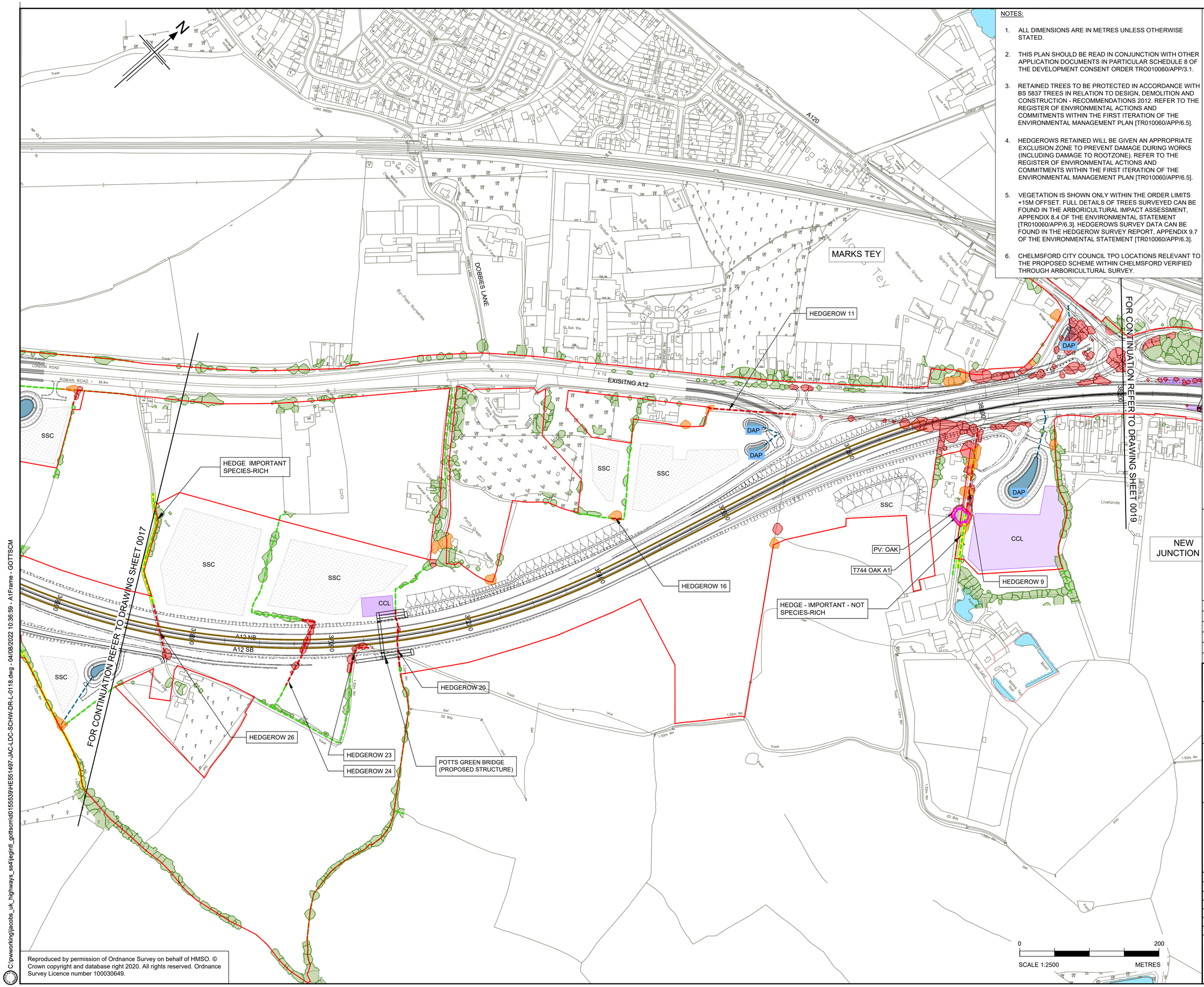
AeccDbFace (AeccLand130)



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LEGEND

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KEY PLAN
SCALE N.T.S.

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

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

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AeccDbFace (AeccLand120)

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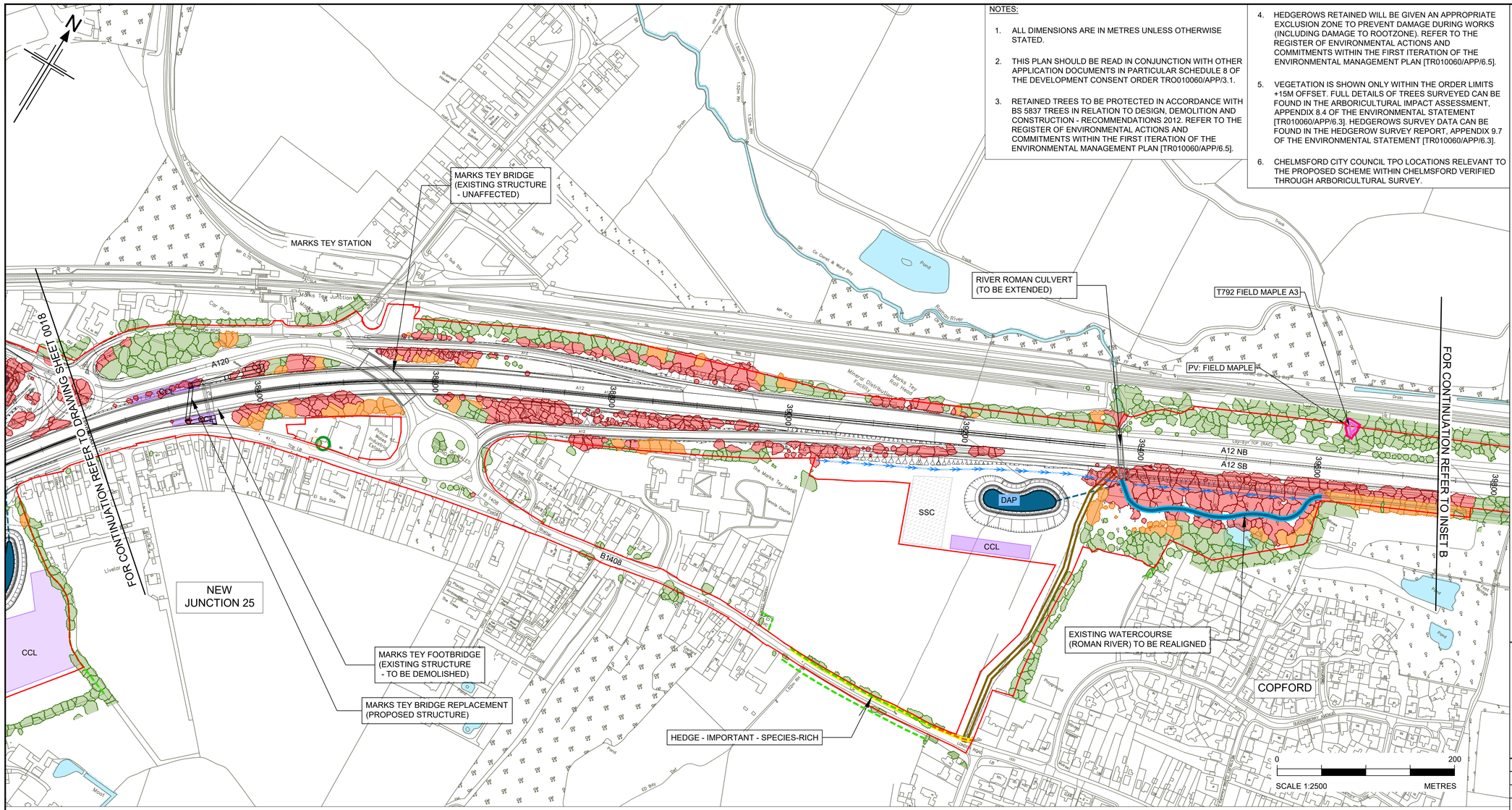

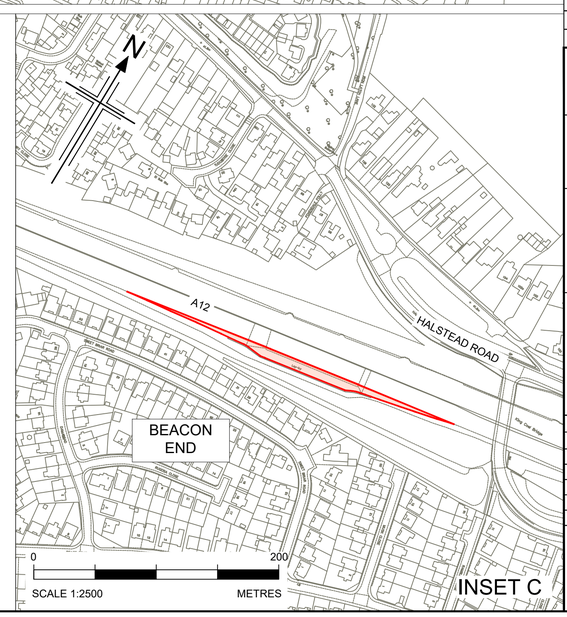

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LEGEND

EXISTING ENVIRONMENTAL FEATURES

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- 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
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- 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)
- HEDGEROWS IDENTIFIED IN CHAPTER 9: BIODIVERSITY (DCO DOC REF TR010060/APP/6.1)

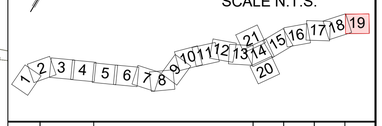
PROPOSED SCHEME FEATURES

- ORDER LIMITS
- CCL — PROPOSED TEMPORARY CONSTRUCTION COMPOUND AND/OR LAY DOWN AREAS (CCL)
- SSC — PROPOSED TEMPORARY SOIL STORAGE (SSC)
- PROPOSED TEMPORARY HAUL ROAD
- BORROW PIT
- DAP — 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.



Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

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

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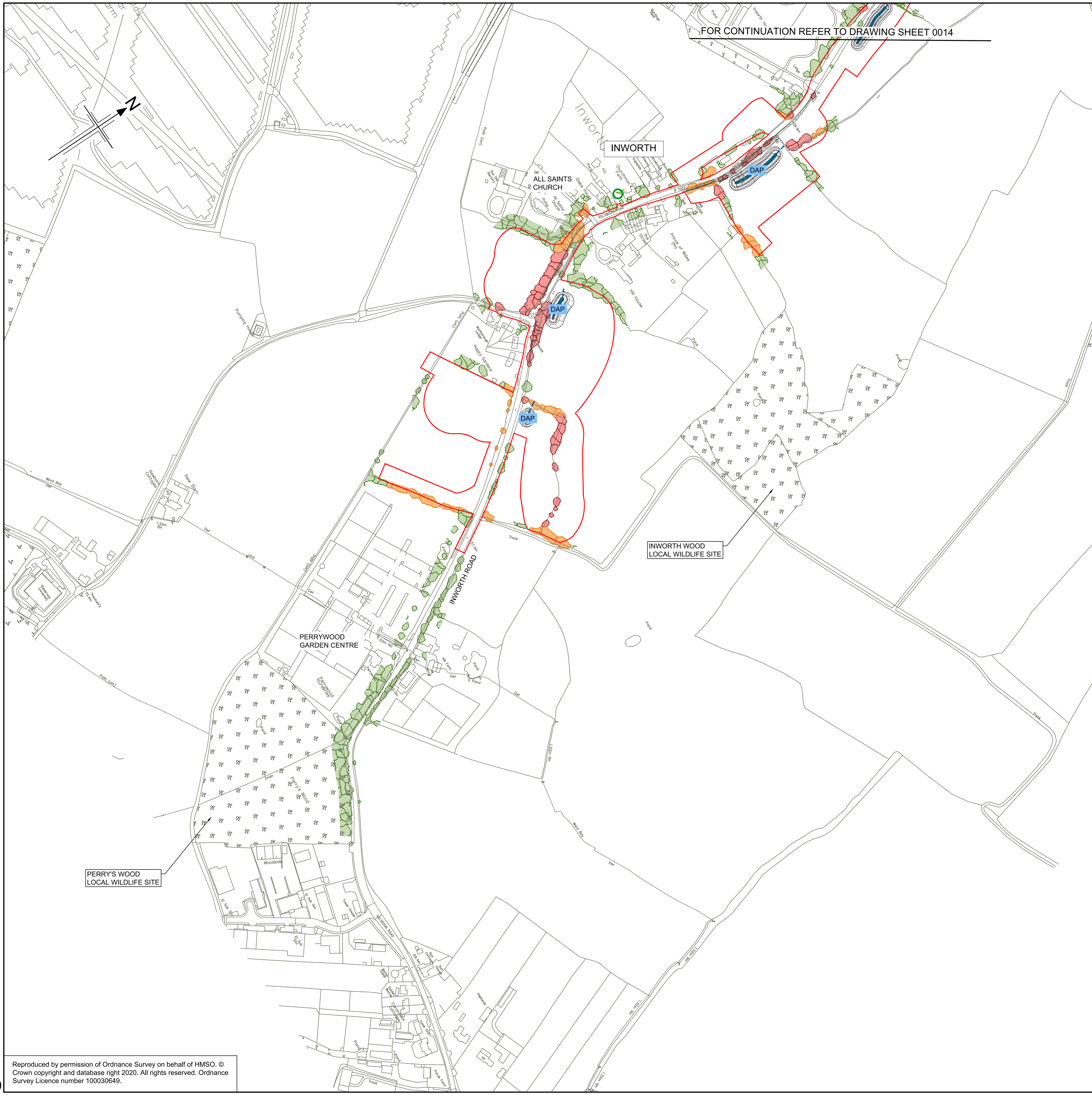

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NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH OTHER APPLICATION DOCUMENTS IN PARTICULAR SCHEDULE 8 OF THE DEVELOPMENT CONSENT ORDER TRO010060/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
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- 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.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

Development Consent Order Number: TR010060

Development Consent Order Drawing Number: TR010060/APP/2.14

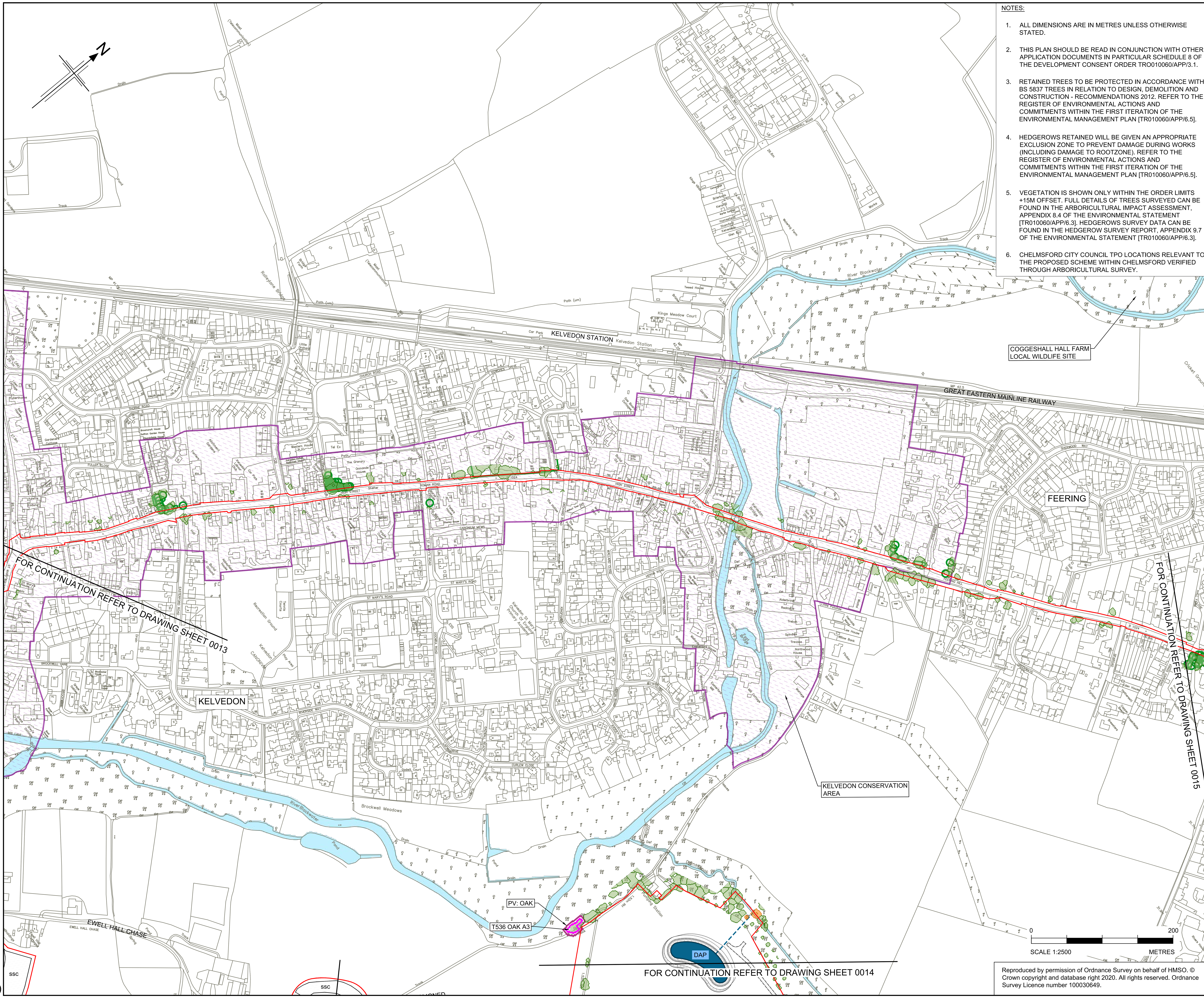
Client: national highways

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title:
RETAINED AND REMOVED
VEGETATION PLANS
CH. 18300 TO 19600/20000
SHEET 20 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number: PIN | Originator | Volume | Location | Type | Role | Number
HE551497 - JAC - LDC - SCHW - DR - L - 0120



FOR CONTINUATION REFER TO DRAWING SHEET 0013

FOR CONTINUATION REFER TO DRAWING SHEET 0015

FOR CONTINUATION REFER TO DRAWING SHEET 0014

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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 21

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P01	02/08/22	FINAL FOR DCO SUBMISSION	DR	HA	HM	DT

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

Client: national highways

Project: A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title:

RETAINED AND REMOVED VEGETATION PLANS CH. 16800 TO 18300 SHEET 21 OF 21

Regulation	REGULATION 5(2)(q)
Purpose of issue	DCO APPLICATION
State Code	Preliminary
Project Stage	PCF3
Scale at A1 (841x594mm)	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Drawing status	S4
Rev	P01

Drawing number: PIN HE551497 - Originator JAC - Volume LDC - Location SCHW - Type DR - Role L - Number 0121

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