

A12 Chelmsford to A120 widening scheme

TR010060

6.2 ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – PART 1

APFP Regulation 5(2)(a)

Planning Act 2008

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

Volume 6

August 2022

Infrastructure Planning

Planning Act 2008

A12 Chelmsford to A120 widening scheme

Development Consent Order 202[]

ENVIRONMENTAL STATEMENT

FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - PART 1

Regulation Reference	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010060
Application Document Reference	TR010060/APP/6.2
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 (PA 2008) for an order to grant development consent for the A12 Chelmsford to A120 Widening Scheme (the proposed scheme).
- 1.1.2 These Illustrative Sections (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 (SoS) via the Planning Inspectorate (the Inspectorate).
- 1.1.3 The application is seeking powers to widen the existing A12 to three lanes between junctions 19 (Boreham interchange) and 25 (Marks Tey interchange). These works extend for a total of 15 miles (24km) and comprise two new three-lane bypasses, between the existing junction 22 and 23; and between the existing junction 24 and 25 respectively, to be known as the A12. 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 suite of Environmental Statement documentation and is included in the Application in compliance with Regulation 5(2)(a) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulation 2009, which requires:
‘5(2)(a) where applicable, the environmental statement required pursuant to the Infrastructure Planning (Environmental Impact Assessment) Regulation 2009 and any scoping or screening opinions or directions.
- 1.1.5 These Plans have been included in the Application to illustrate cross sections of the proposed scheme with mitigation planting. Refer to Figure 2.1 Environmental Masterplan, of the Environmental Statement [TR010060/APP/6.2], to show the location of the cross sections within the wider context of the proposed scheme.
- 1.1.6 As these Plans are part of the Application documentation, they should be read alongside and is informed by the other Application documents.

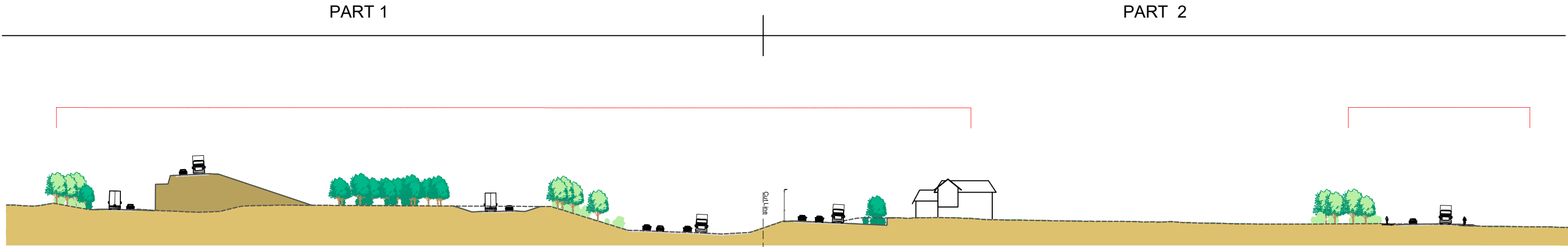
2 Schedule of plans included in this application document

Drawing Number	Drawing Title	Revision
PART 1		
HE551497-JAC-LDC-SCHW-DR-L-0300	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 1 OF 17 SECTION AA	P01
HE551497-JAC-LDC-SCHW-DR-L-0301	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 2 OF 17 SECTION BB	P01
HE551497-JAC-LDC-SCHW-DR-L-0302	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 3 OF 17 SECTION CC1-CC2	P01
HE551497-JAC-LDC-SCHW-DR-L-0303	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 4 OF 17 SECTION CC	P01
HE551497-JAC-LDC-SCHW-DR-L-0304	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 5 OF 17 SECTION DD1-DD2	P01
HE551497-JAC-LDC-SCHW-DR-L-0305	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 6 OF 17 SECTION EE-FF	P01
PART 2		
HE551497-JAC-LDC-SCHW-DR-L-0306	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 7 OF 17 SECTION GG1-GG2	P01
HE551497-JAC-LDC-SCHW-DR-L-0307	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 8 OF 17 SECTION HH1-HH2-HH3	P01

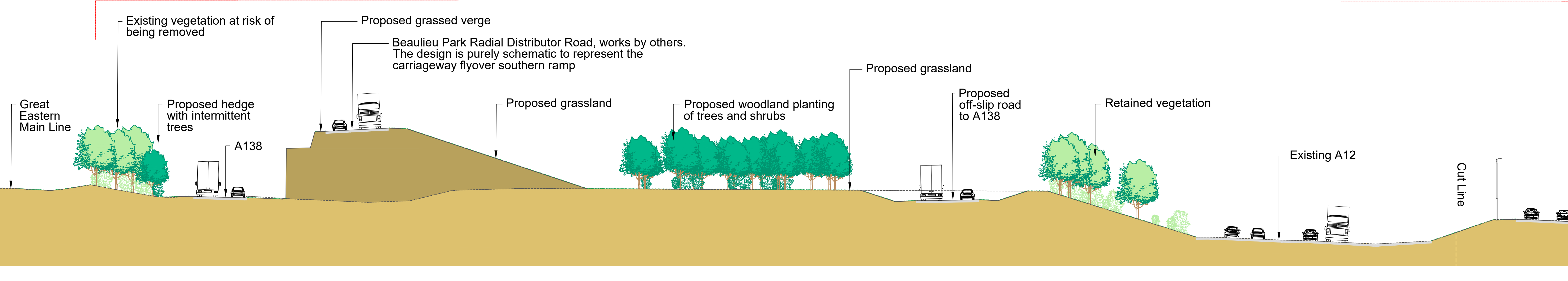
Drawing Number	Drawing Title	Revision
HE551497-JAC-LDC-SCHW-DR-L-0308	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 9 OF 17 SECTION II-II	P01
HE551497-JAC-LDC-SCHW-DR-L-0309	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 10 OF 17 SECTION JJ-JJ	P01
HE551497-JAC-LDC-SCHW-DR-L-0310	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 11 OF 17 SECTION KK1-KK2	P01
HE551497-JAC-LDC-SCHW-DR-L-0311	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 12 OF 17 SECTION KK3-KK4	P01
PART 3		
HE551497-JAC-LDC-SCHW-DR-L-0312	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 13 OF 17 SECTION LL1-LL2	P01
HE551497-JAC-LDC-SCHW-DR-L-0313	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 14 OF 17 SECTION MM1-MM2	P01
HE551497-JAC-LDC-SCHW-DR-L-0314	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 15 OF 17 SECTION NN-NN	P01
HE551497-JAC-LDC-SCHW-DR-L-0315	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 16 OF 17 SECTION OO1-OO2	P01
HE551497-JAC-LDC-SCHW-DR-L-0316	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 17 OF 17 SECTION PP1-PP2	P01

Drawing Number	Drawing Title	Revision
HE551497-JAC-LDC-SCHW-DR-L-0320	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – KEY PLAN	P01

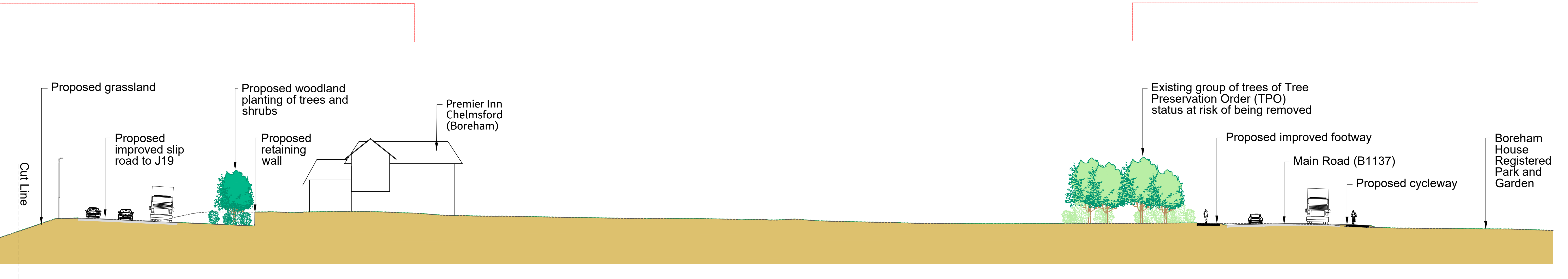
Section AA - ch11000
Through the proposed scheme north of junction 19 - Boreham interchange
Scale 1:1000@A1



Section AA - ch11000
Through the proposed scheme north of junction 19 - Boreham interchange
Part 1



Section AA - ch11000
Through the proposed scheme north of junction 19 - Boreham interchange
Part 2



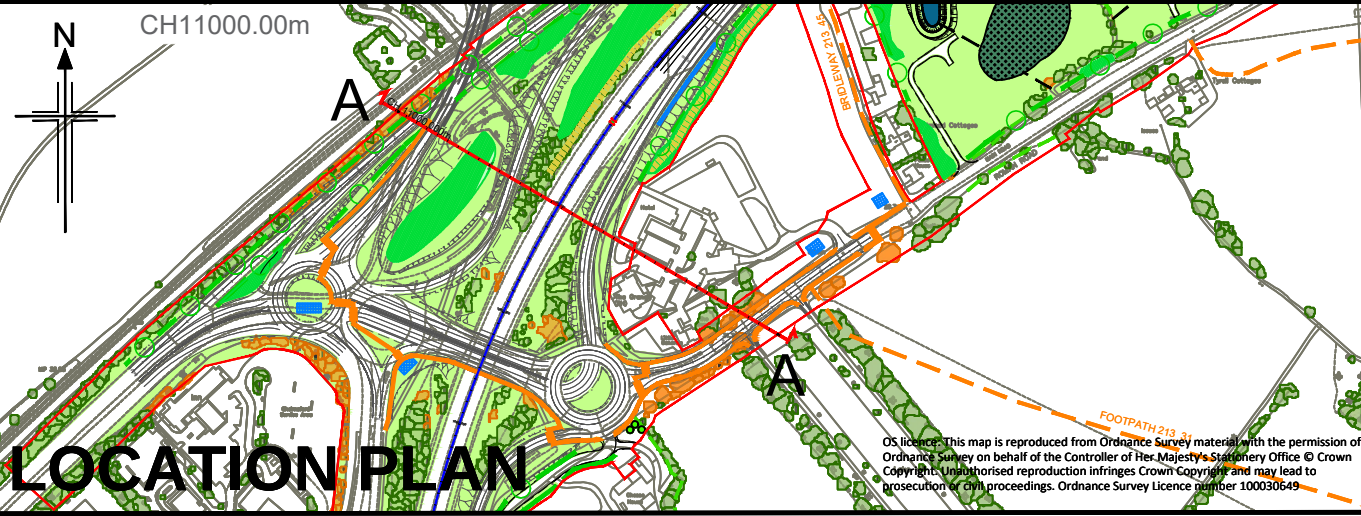
NOTES:

- Landscape mitigation proposals shown for restored borrow pits are indicative only. Principles to be applied to final excavation requirements once confirmed by construction.
- Proposed mitigation planting has been illustrated to reflect the anticipated height it would have reached within year 15 of operation.
- Refer to Figure 2.2 Illustrative cross sections - key plan, drawing no. HE551497-JAC-LDC-SCHW-DR-L-0320, for location of cross sections and legend relevant to cross sections.
- Refer to the Environmental Masterplan on Figure 2.1 [TR010060/APP/6.2] for section locations within the context of the wider proposed scheme.

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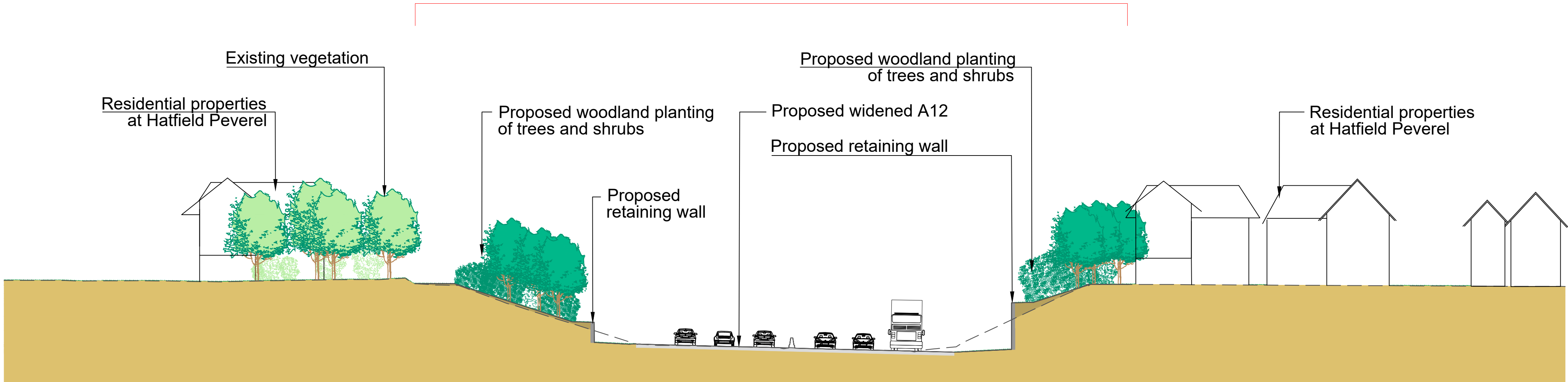
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
FR011	99/08/22	FOR DCO APPLICATION	DR	HA	HM	DT

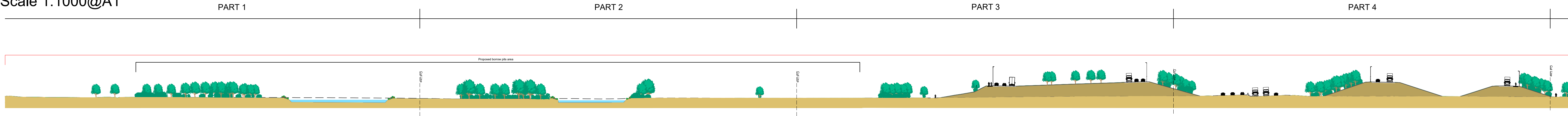


Development Consent Order Number TR010060	Development Consent Order Drawing Number TR010060/APP/6.2	Project A12 CHELMSFORD TO A120 WIDENING SCHEME
Regulation REGULATION 5(2)(a)	Purpose of Issue DCO APPLICATION	Drawing Title ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 1 OF 17 SECTION AA1-AA2
Scale at A1 (841x594mm) 1:250	Client national highways	Jacobs No B36601D1
Client national highways	Drawing Number HE551497 - SCHW	Originator JAC
Volume LDC - DR	Rev P01	Number -0300

Section BB - ch16520
Through the proposed scheme at Hatfield Peverel



Section CC - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Scale 1:1000@A1



Section CC - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Part 1



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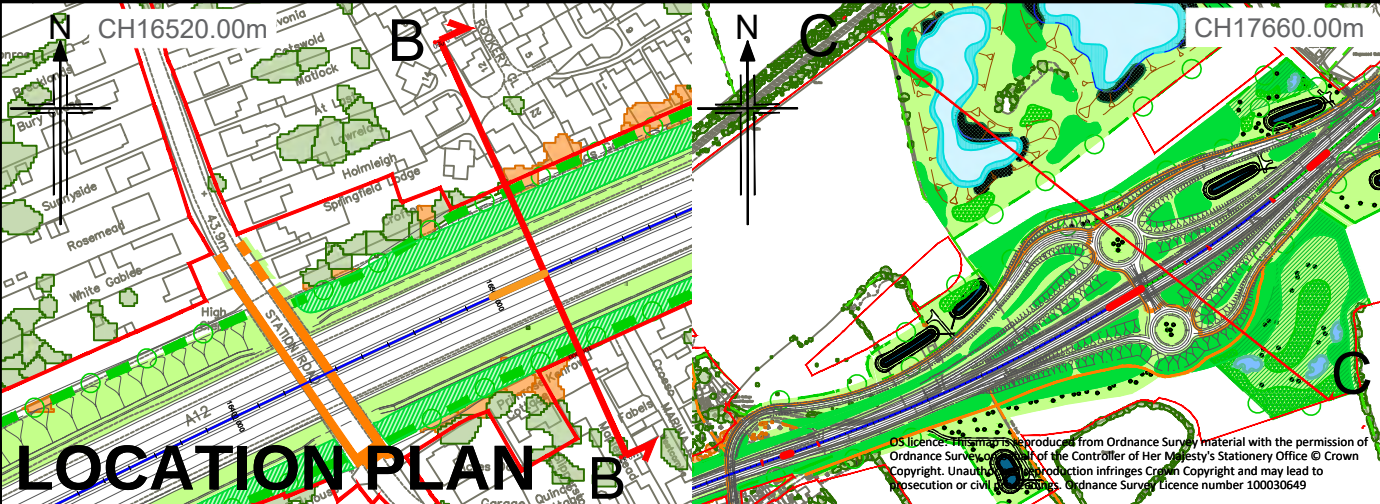
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15

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SCALE 1:250 METRES

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



Development Consent Order Number TR010060	Development Consent Order Drawing Number TR010060/APP/6.2
REGULATION 5(2)(a)	
Purpose of issue DCO APPLICATION	Drawing Status S4
Scale at A1 (841x594mm) 1:250	Client

Project A12 CHELMSFORD TO A120 WIDENING SCHEME		
Drawing Title ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 2 OF 17 SECTION BB-CC		
Jacobs No B36601D1	Client No HE551497	Rev P01
Drawing Number HE551497 - SCHW	Originator JAC	Volume LDC - -DR- L -0301

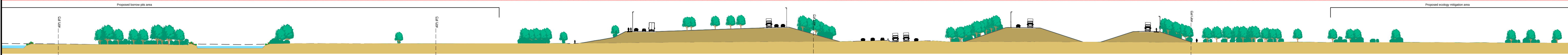
Section CC - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Scale 1:1000@A1

PART 2

PART 3

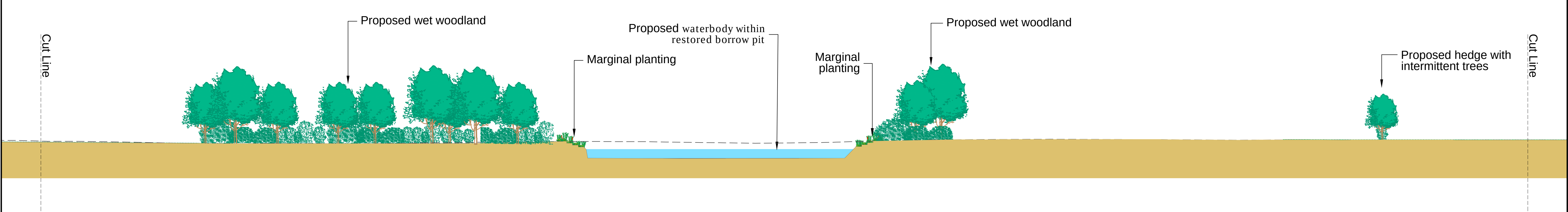
PART 4

PART 5

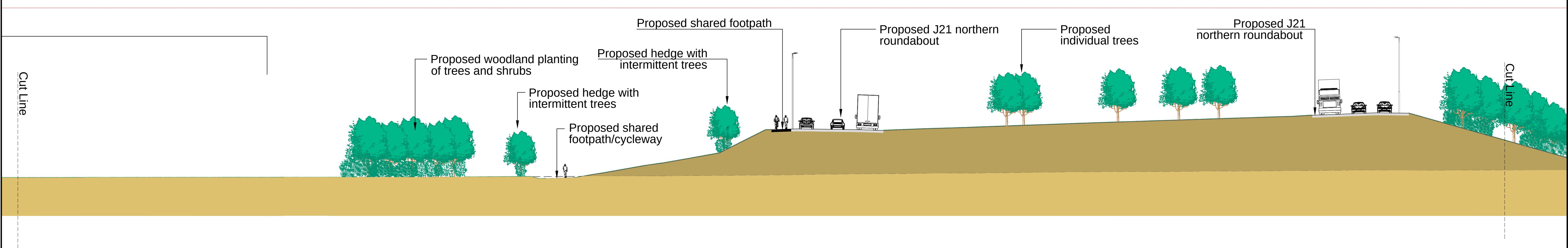


Section CC - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Part 2

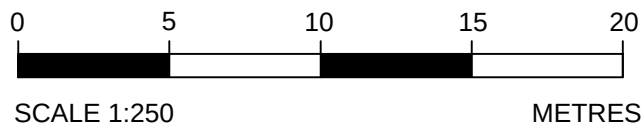
Proposed borrow pits area



Section CC - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Part 3



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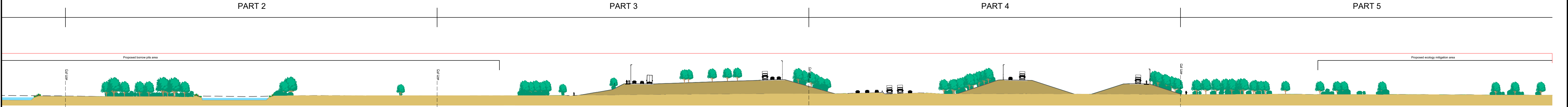
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	02/08/22	FOR DCO APPLICATION	DR	HA	HM	DT



Development Consent Order Number	TR010060	Development Consent Order Drawing Number	TR010060/APP/6.2
Regulation	REGULATION 5(2)(a)		
Purpose of issue	DCO APPLICATION	Drawing Status	S4
Scale at A1 (841x594mm)	1:250		
Client			

Project	A12 CHELMSFORD TO A120 WIDENING SCHEME		
Drawing Title	ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 3 OF 17 SECTION CC1-CC2		
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Drawing Number	HE551497 - SCHW	Originator	JAC
Volume	LDC - DR	Type	L
Number	-0302	Role	Number

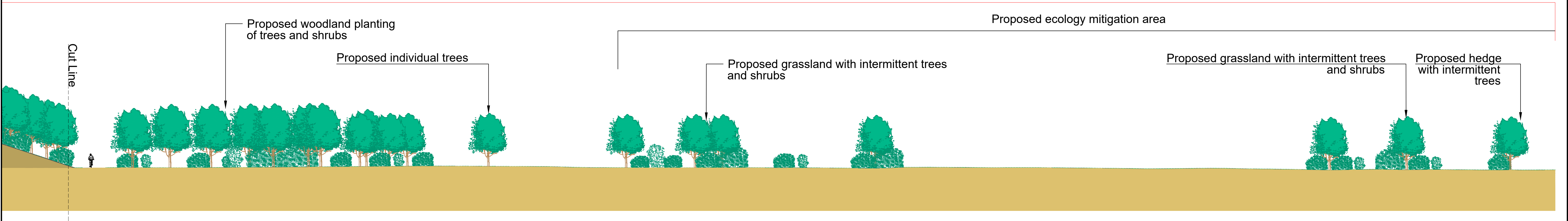
Section CC - ch17660
Though the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Scale 1:1000@A1



Section CC - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Part 4



Section CC4 - ch17660
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E
Part 5

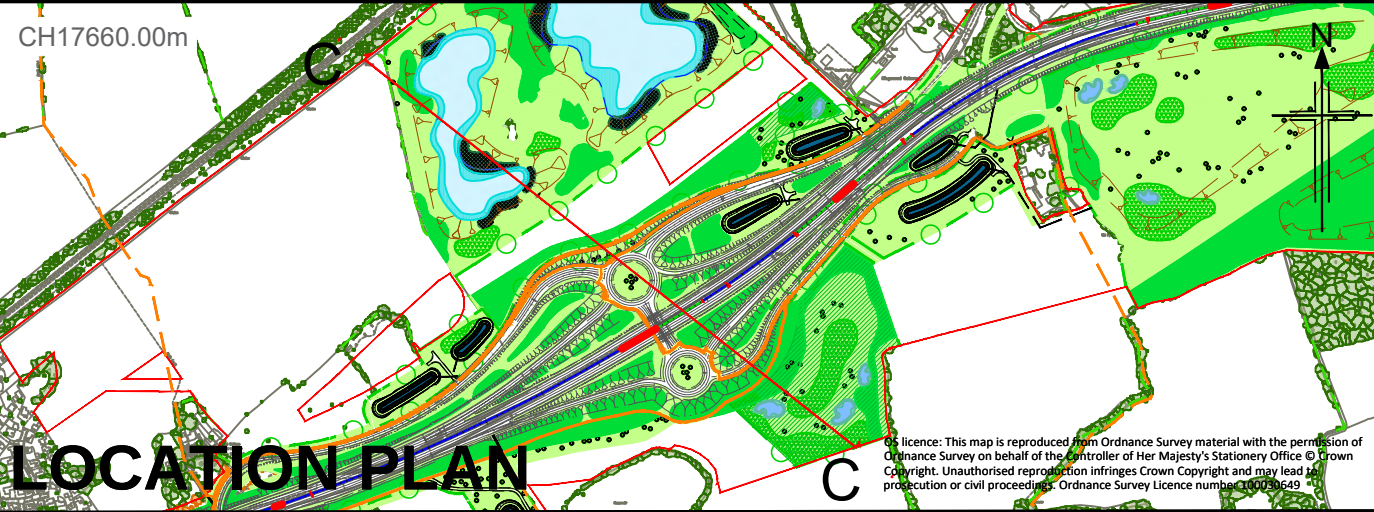


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SCALE 1:250 METRES

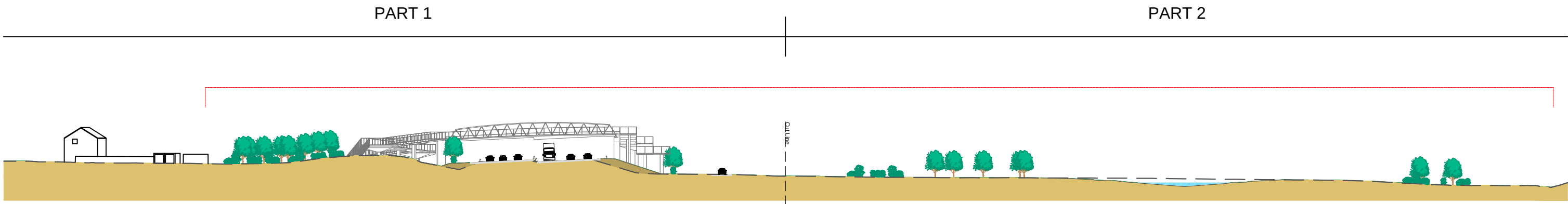
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P01	02/08/22	FOR DCO APPLICATION	DR	HA	HM	DT



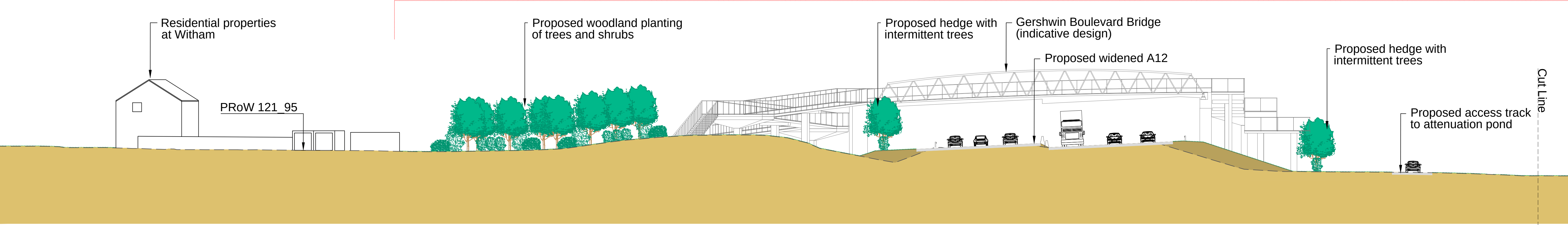
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Regulation	REGULATION 5(2)(a)		
Purpose of issue	DCO APPLICATION	Drawing Status	S4
Scale at A1 (841x594mm)	1:250		
Client			

Project	A12 CHELMSFORD TO A120 WIDENING SCHEME		
Drawing Title	ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 4 OF 17 SECTION CC		
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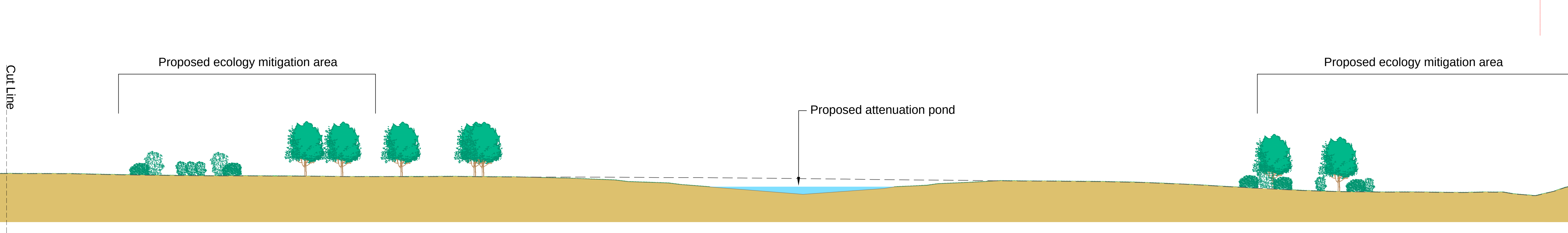
Section DD - ch20120
Through the proposed scheme at Gershwin Boulevard Bridge
Scale 1:1000@A1



Section DD - ch20120
Through the proposed scheme at Gershwin Boulevard Bridge
Part 1

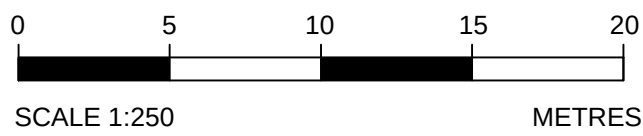


Section DD - ch20120
Through the proposed scheme at Gershwin Boulevard Bridge
Part 2

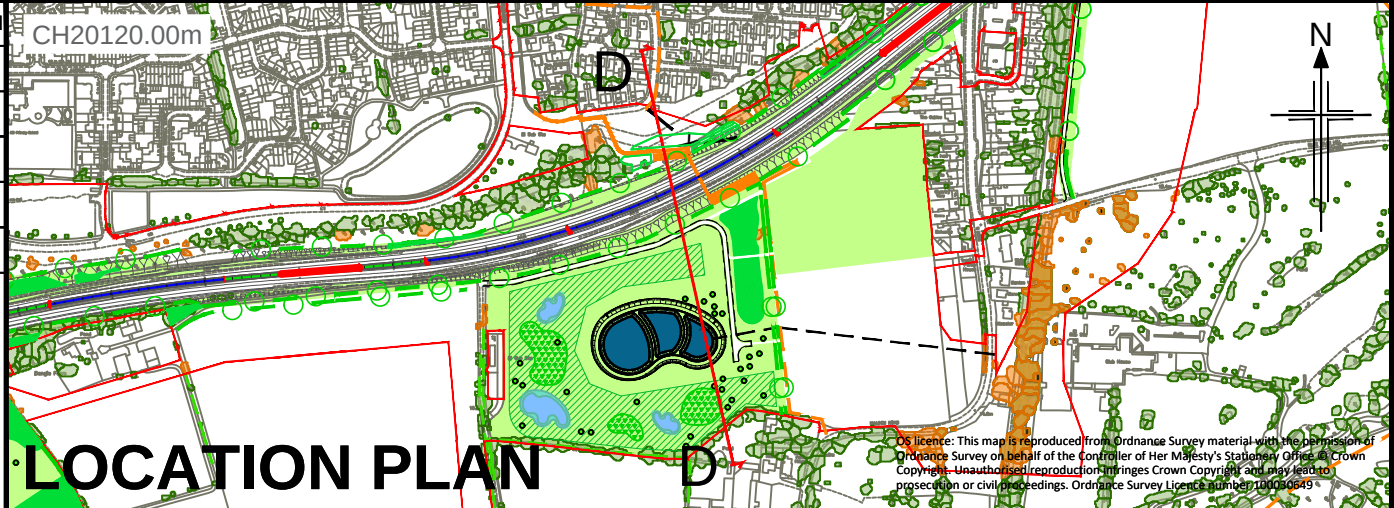


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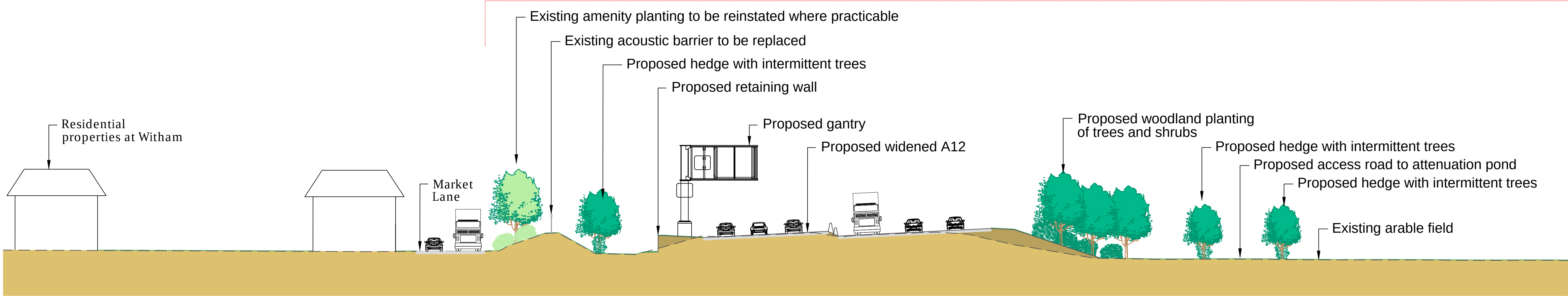
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Approved
P01	02/08/22	FOR DCO APPLICATION	DR	HA	HM	DT



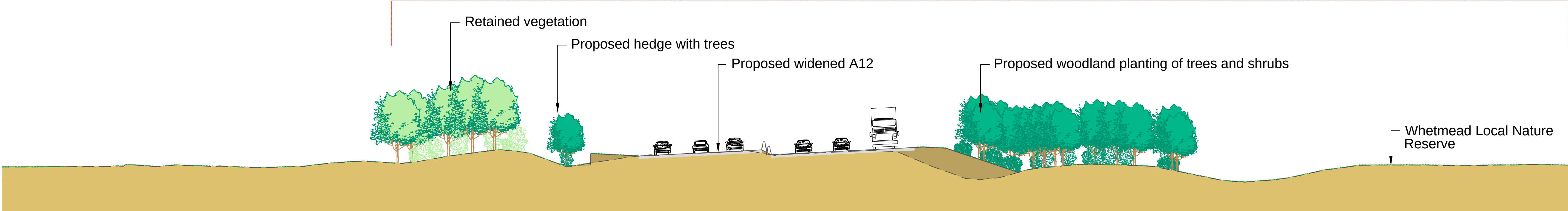
Development Consent Order Number	TR010060	Development Consent Order Drawing Number	TR010060/APP/6.2	Project	A12 CHELMSFORD TO A120 WIDENING SCHEME
Regulation	REGULATION 5(2)(a)	Purpose of issue	DCO APPLICATION	Drawing Status	S4
Scale at A1 (841x594mm)	1:250	Jacobs No	B36601D1	Client No	HE551497
Client	national highways	Drawing Number	HE551497 - SCHW	Originator	JAC
Volume	LDC -	Type	DR	Role	L
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Rev	P01
Originator	JAC
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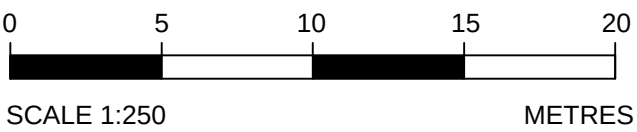
Section EE - ch20890
Through the proposed scheme south of Witham, east of Maldon Road



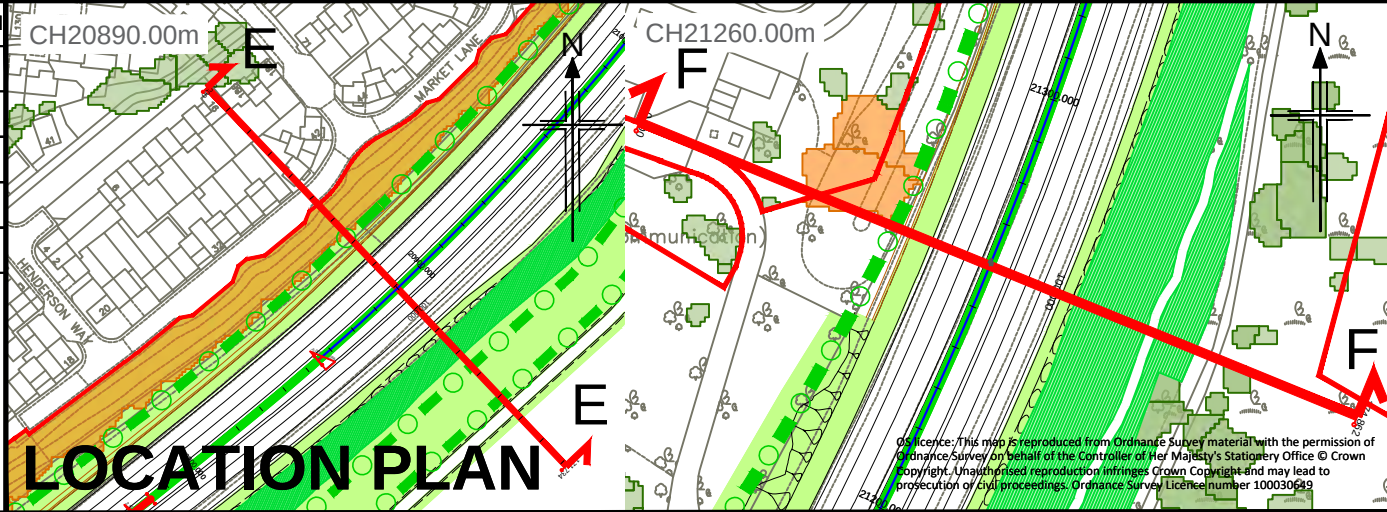
Section FF - ch21260
Through the proposed scheme at Whetmead Nature Reserve



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Development Consent Order Number	TR010060	Development Consent Order Drawing Number	TR010060/APP/6.2	Project	A12 CHELMSFORD TO A120 WIDENING SCHEME
Regulation	REGULATION 5(2)(a)	Purpose of issue	DCO APPLICATION	Drawing Status	S4
Scale at A1 (841x594mm)	1:250	Jacobs No	B36601D1	Client No	HE551497
Client	national highways	Drawing Number	HE551497 - SCHW	Originator	JAC

Drawing Title	ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 6 OF 17 SECTIONS EE-FF	Rev	P01
Volume	LDC-	Type	-DR-
Role	L	Number	-0305