

# 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 2

June 2023

Infrastructure Planning

Planning Act 2008

**A12 Chelmsford to A120 widening scheme**  
**Development Consent Order 202[ ]**

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6.2 ENVIRONMENTAL STATEMENT  
 FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS PART 1

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<b>Regulation Reference</b>	Regulation 5(2)(a)
<b>Planning Inspectorate Scheme Reference</b>	TR010060
<b>Application Document Reference</b>	TR010060/APP/6.2
<b>Author</b>	A12 Project Team, National Highways

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
Rev 1	August 2022	DCO Application
Rev 2	June 2023	DCO Change

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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 These Illustrative Cross 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 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)(a) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulation 2009, which require:  
*‘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 see 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.

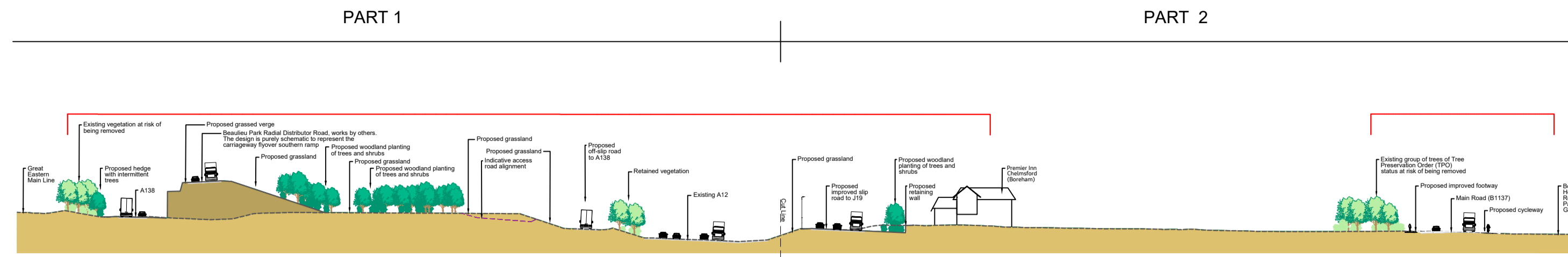
## 2 Schedule of plans included in this application document

Drawing Number	Drawing Title	Revision
<b>PART 1</b>		
HE551497-JAC-LDC-SCHW-DR-L-0300	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 1 OF 17 SECTION AA	P02
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
<b>PART 2</b>		
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

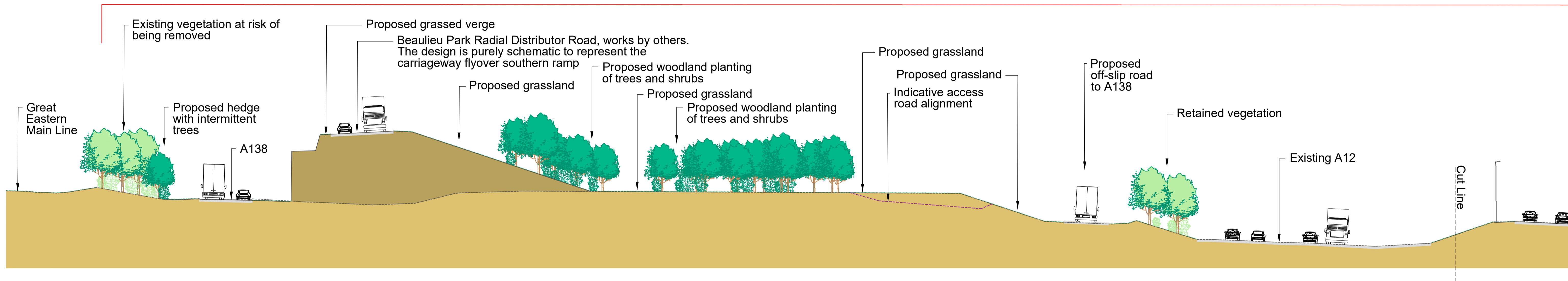
## 6.2 ES FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS PART 1

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	P02
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
<b>PART 3</b>		
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-0314	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 14 OF 17 SECTION MM1-MM2	P01
HE551497-JAC-LDC-SCHW-DR-L-0315	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 15 OF 17 SECTION NN-NN	P01
HE551497-JAC-LDC-SCHW-DR-L-0316	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 16 OF 17 SECTION OO1-OO2	P01
HE551497-JAC-LDC-SCHW-DR-L-0317	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – SHEET 17 OF 17 SECTION PP1-PP2	P01
HE551497-JAC-LDC-SCHW-DR-L-0320	FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS – KEY PLAN	P01

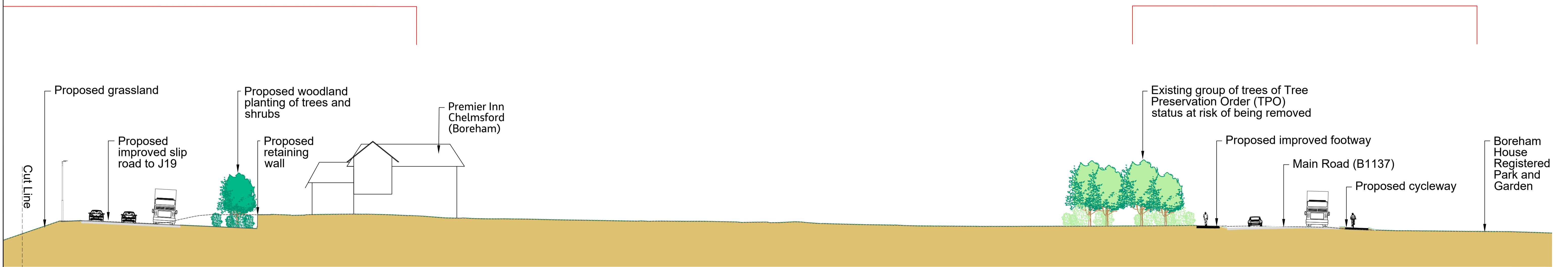
Section AA - ch11000  
Through the proposed scheme north of junction 19 - Boreham interchange  
Scale 1:1000@A1



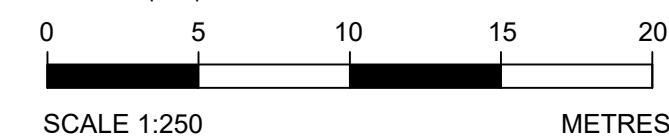
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Through the proposed scheme north of junction 19 - Boreham interchange  
Part 1



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

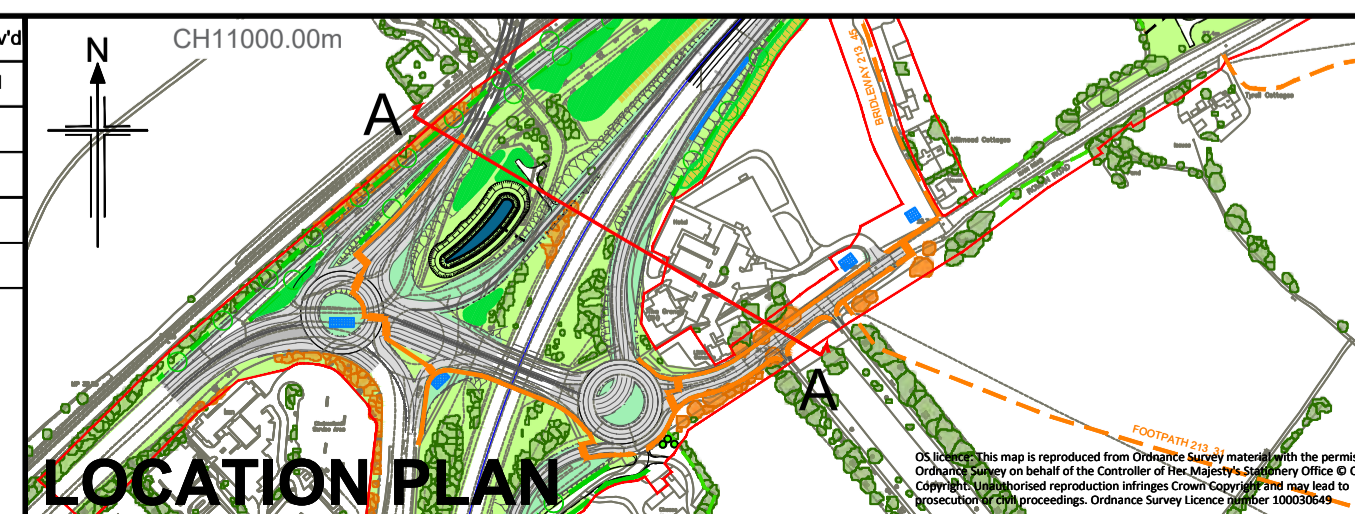


- NOTES:**
- Landscape mitigation proposals shown for restored borrow pits are indicative only. Principles to be applied to final excavation requirements once confirmed by construction.
  - Proposed mitigation planting has been illustrated to reflect the anticipated height it would have reached within 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.



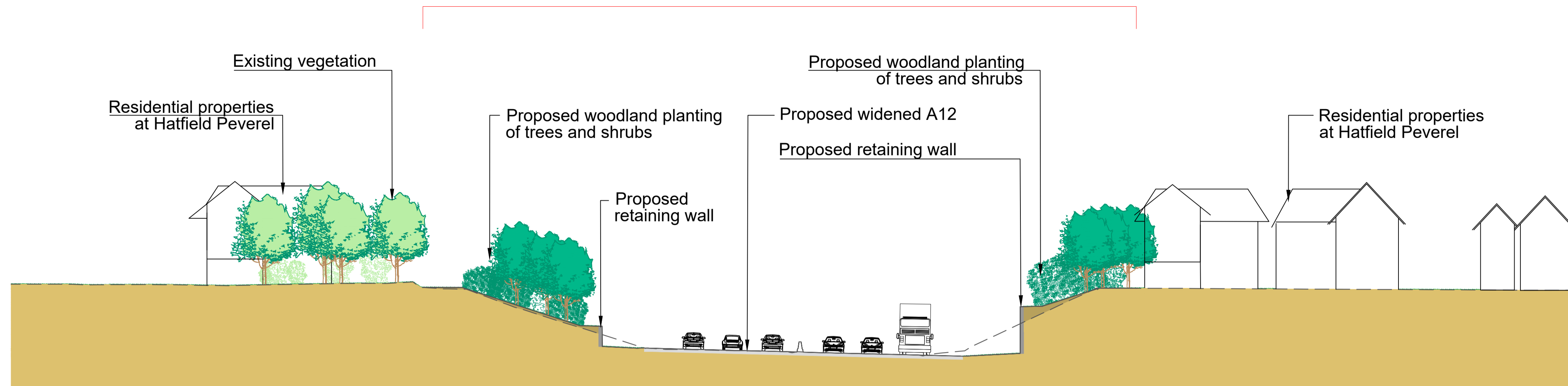
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P02	08/06/23	DCO CHANGE	DR	HB	HB	RM
P01	02/08/22	FOR DCO APPLICATION	DR	HA	HM	DT

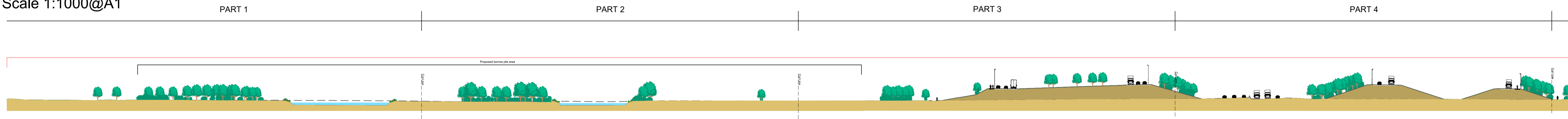


Development Consent Order Number TR010060	Development Consent Order Drawing Number TR010060/APP/6.2	Project A12 CHELMSFORD TO A120 WIDENING SCHEME
Regulation REGULATION 8(1)(k)	Drawing Status S4	Drawing Title ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 1 OF 17 SECTION AA1-AA2
Purpose of Issue DCO EXAM		Jacobs No B36601D1
Scale at A1 (841x594mm) 1:250		Client No HE551497
Client national highways	Drawing Number HE551497 - JAC	Volume LDC -
	Originator SCHW	Role -DR- L-0300
		Rev P02

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

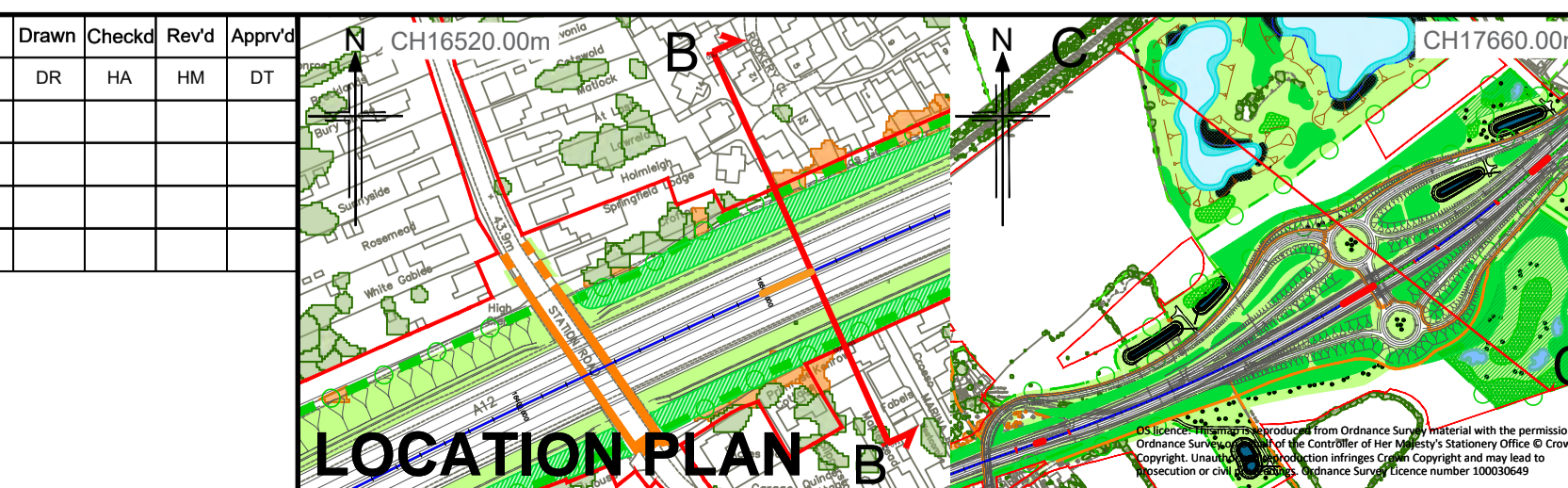


Section CC - ch17660  
Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E  
Part 1



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



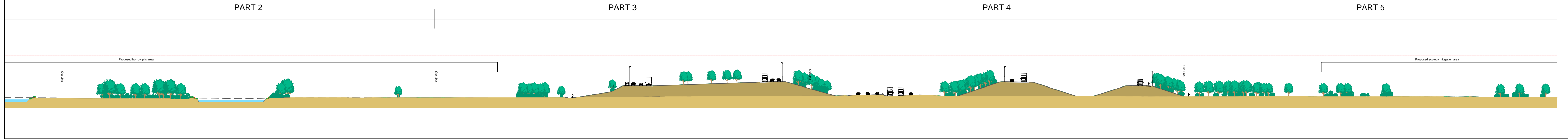
Development Consent Order Number TR010060	Development Consent Order Drawing Number TR010060/APP/6.2	Project A12 CHELMSFORD TO A120 WIDENING SCHEME
Regulation REGULATION 5(2)(a)	Drawing Status S4	Drawing Title ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 2 OF 17 SECTION BB-CC
Purpose of Issue DCO APPLICATION	Scale at A1 (841x594mm) 1:250	Jacobs No B36601D1
Client national highways	Client No HE551497	Rev P01

Drawing Number HE551497 -	Originator JAC	Volume - LDC -
Location SCHW	Type -DR-	Role L
Number -0301		

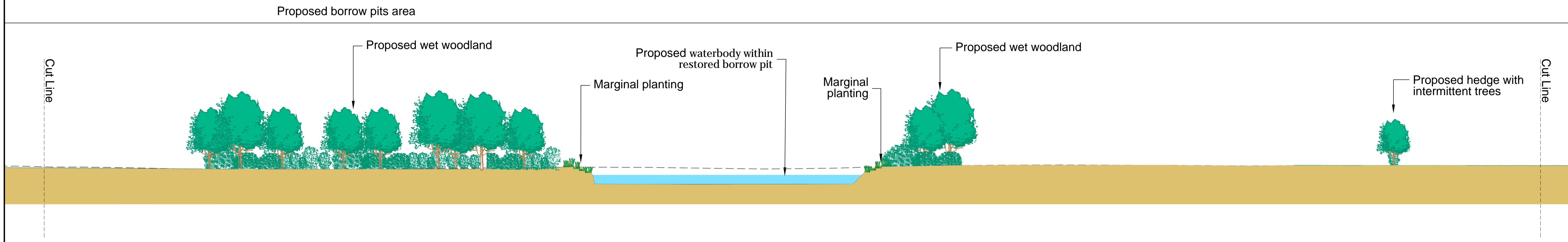
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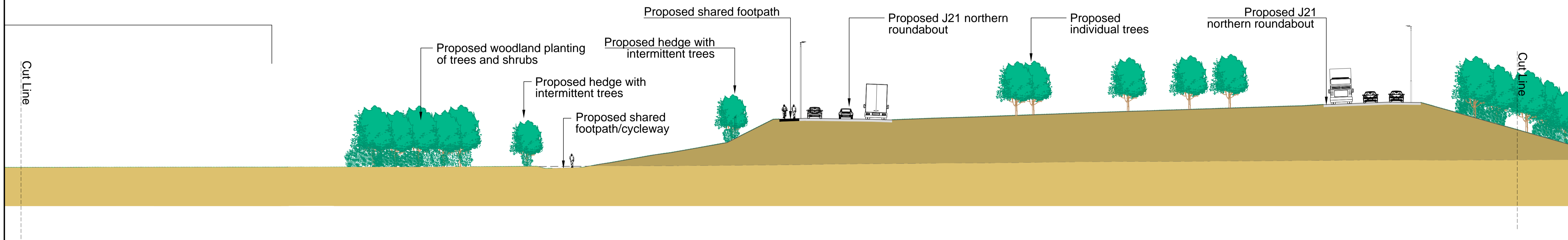
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 Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E  
 Scale 1:1000@A1



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



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

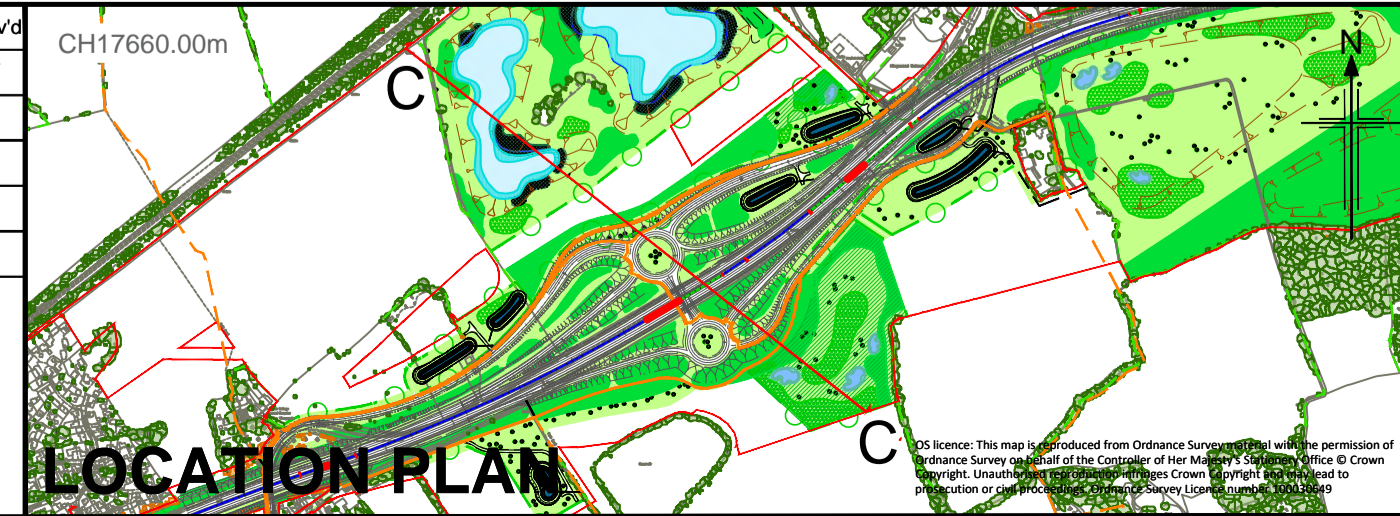


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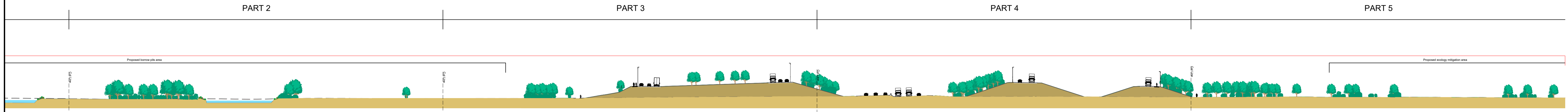
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
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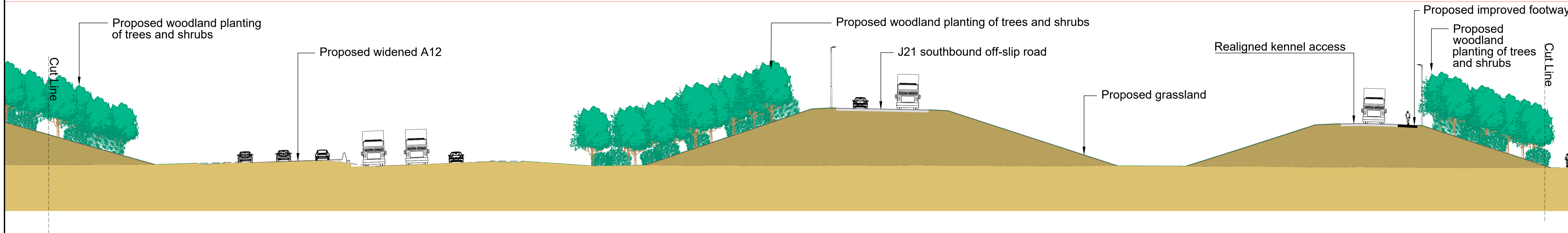


Development Consent Order Number TR010060	Development Consent Order Drawing Number TR010060/APP/6.2	Project A12 CHELMSFORD TO A120 WIDENING SCHEME
Regulation REGULATION 5(2)(a)		Drawing Title ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 3 OF 17 SECTION CC1-CC2
Purpose of Issue DCO APPLICATION	Drawing Status S4	Jacobs No B36601D1
Scale at A1 (841x594mm) 1:250	Client No HE551497	Rev P01
Client <b>national highways</b>		Drawing Number HE551497 - JAC - LDC - SCHW
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		Volume - LDC -
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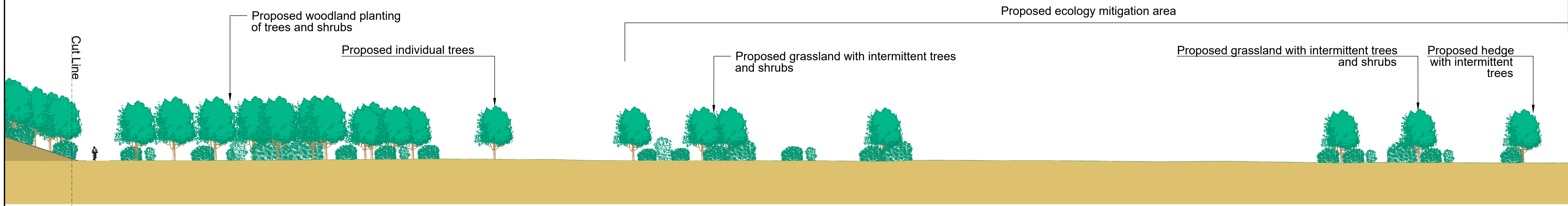
Section CC - ch17660  
 Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E  
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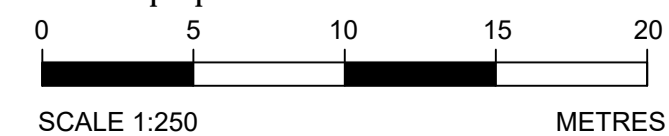
Section CC - ch17660  
 Through the proposed scheme at junction 21 - Witham South interchange and borrow pit E  
 Part 4



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



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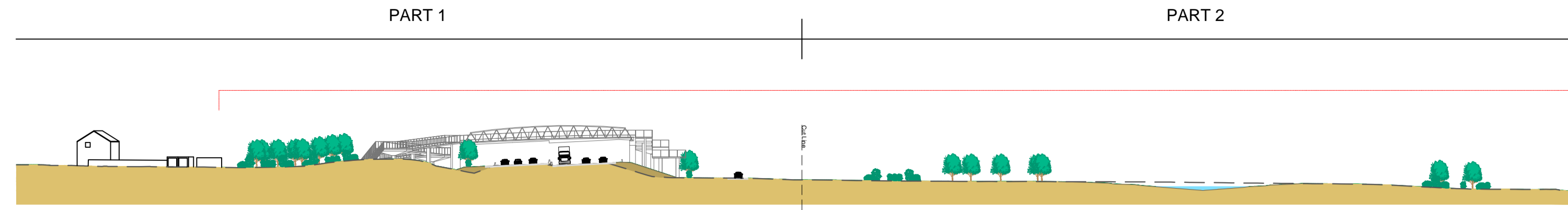
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	02/08/22	FOR DCO APPLICATION	DR	HA	HM	DT



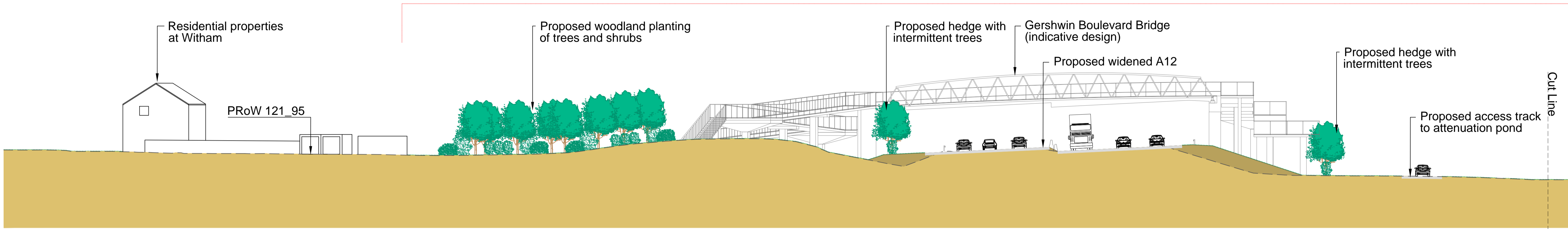
Development Consent Order Number TR010060	Development Consent Order Drawing Number TR010060/APP/6.2
REGULATION 5(2)(a)	
Purpose of issue DCO APPLICATION	Drawing Status S4
Scale at A1 (841x594mm) 1:250	
Client <b>national highways</b>	

Project A12 CHELMSFORD TO A120 WIDENING SCHEME			
Drawing Title ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 4 OF 17 SECTION CC			
Jacobs No B36601D1	Client No HE551497	Rev P01	
Drawing Number HE551497 - SCHW	Originator JAC	Volume LDC -	Type   Role   Number -DR- L -0303

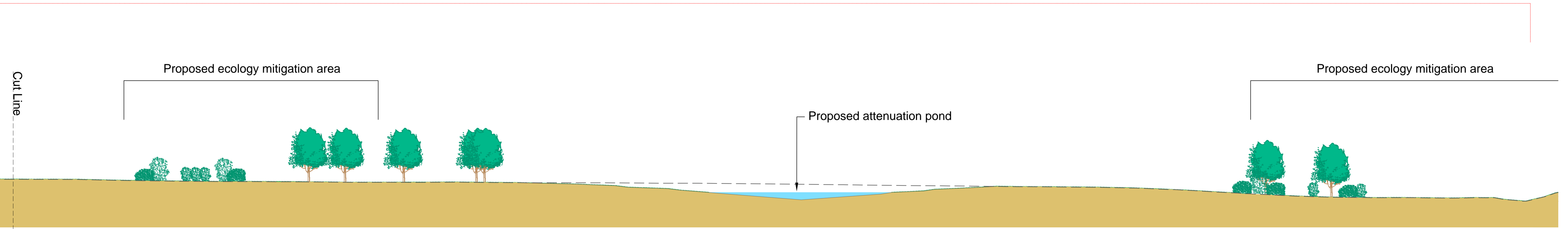
Section DD - ch20120  
 Through the proposed scheme at Gershwin Boulevard Bridge  
 Scale 1:1000@A1



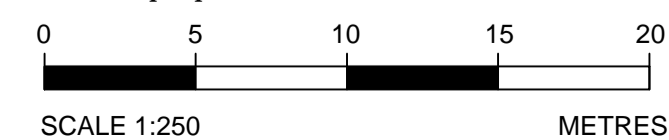
Section DD - ch20120  
 Through the proposed scheme at Gershwin Boulevard Bridge  
 Part 1



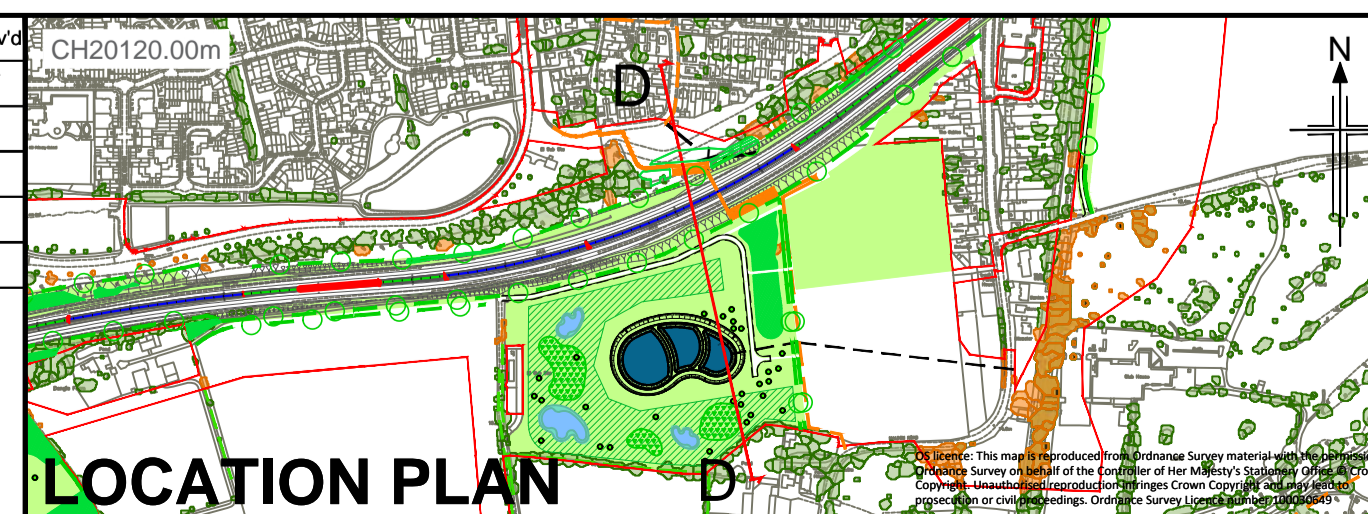
Section DD - ch20120  
 Through the proposed scheme at Gershwin Boulevard Bridge  
 Part 2



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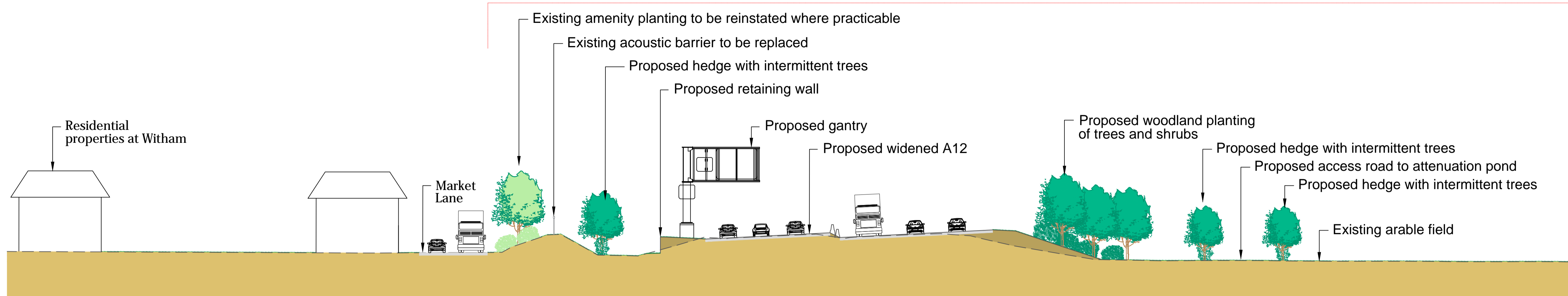
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Approved
P01	02/08/22	FOR DCO APPLICATION	DR	HA	HM	DT



Development Consent Order Number <b>TR010060</b>	Development Consent Order Drawing Number <b>TR010060/APP/6.2</b>	Project <b>A12 CHELMSFORD TO A120 WIDENING SCHEME</b>
Regulation <b>REGULATION 5(2)(a)</b>		Drawing Title <b>ENVIRONMENTAL STATEMENT FIGURE 2.2 ILLUSTRATIVE CROSS SECTIONS - SHEET 5 OF 17 SECTIONS DD1-DD2</b>
Purpose of issue <b>DCO APPLICATION</b>	Drawing Status <b>S4</b>	Jacobs No <b>B36601D1</b>
Scale at A1 (841x594mm) <b>1:250</b>	Client No <b>HE551497</b>	Rev <b>P01</b>
Client <b>national highways</b>	Drawing Number <b>HE551497 - JAC</b>	Originator <b>JAC</b>
	Location <b>SCHW</b>	Volume <b>LDC -</b>
		Type   Role   Number <b>-DR- L -0304</b>

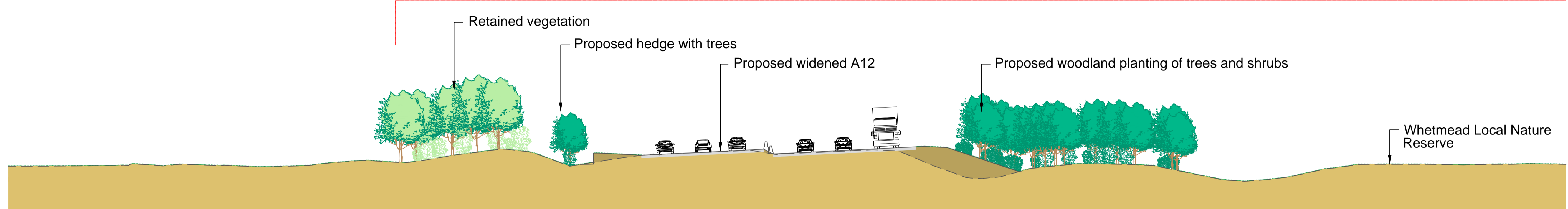
Section EE - ch20890

Through the proposed scheme south of Witham, east of Maldon Road

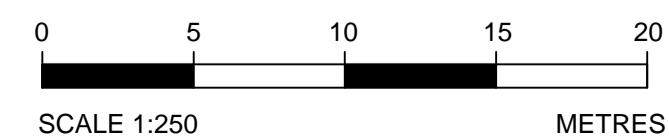


Section FF - ch21260

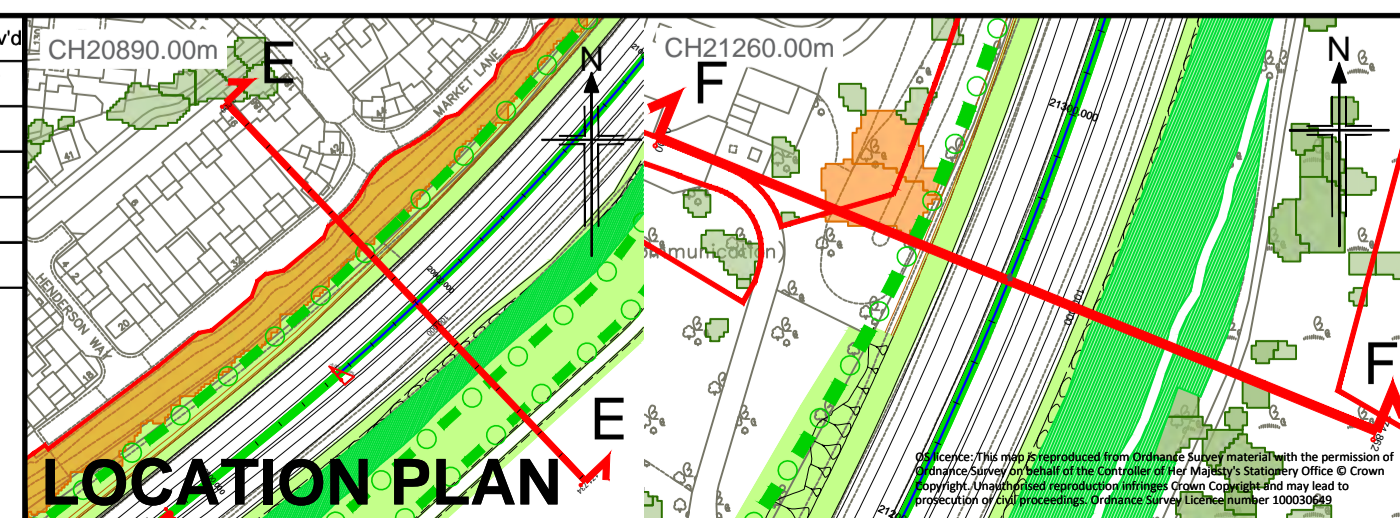
Through the proposed scheme at Whetmead Nature Reserve



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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 6	Role L	Number -0305
Type -DR-	Role L	Number -0305
Rev P01		