

**A12 Chelmsford to A120 widening scheme**

**Map book 2: Land use plans  
(Set 3 of 3)**

# A12 Chelmsford to A120 widening scheme map books

The three map books prepared for this statutory consultation contain plans of the proposed scheme under the following headings:

- Map book 1: General arrangements (layout plans)
- Map book 2: Land use plans
- Map book 3: Engineering plans

These plans show the proposed scheme in detail to help the viewer better understand our proposals.

The plans run from junction 19 (Boreham interchange) to junction 25 (Marks Tey interchange). Identically numbered sheets in the different map books show the same area. For example, in map book 1, sheet 1 shows the layout around junction 19, and in map book 2, sheet 1 shows the land use plan around junction 19. This principle applies across all the map book 1 and map book 2 sheets but is not carried through into map book 3.

## Map book 1: General arrangements

The general arrangements show the layout of the proposed scheme, including:

- Permanent works, new roads, earthworks and roadside features such as signage and lighting columns
- Environmental mitigation, landscaping and tree planting

- Provisional order limits (also known as the red line boundary)
- Open space and replacement land

## Map book 2: Land use plans

The land use plans show the areas where we are seeking powers to acquire land and rights permanently. They also show the land we require for a temporary period to construct the proposed scheme. We may need the land permanently for:

- road alignments
- junction improvements
- environmental mitigation
- drainage

## Permanent works

Purchase of land or acquisition of permanent rights will be required for the route of the road, to reconnect local roads and for associated structures like drainage ponds.

## Permanent rights

Land used temporarily for construction and thereafter required for the creation of new permanent rights for example, to maintain the proposed scheme including the highway and associated apparatus, for rights of access or for rights to operate and maintain new statutory undertaker apparatus. It may also be required where existing rights

need to be acquired, suspended, changed or extinguished to construct and operate the proposed scheme.

## Temporary works

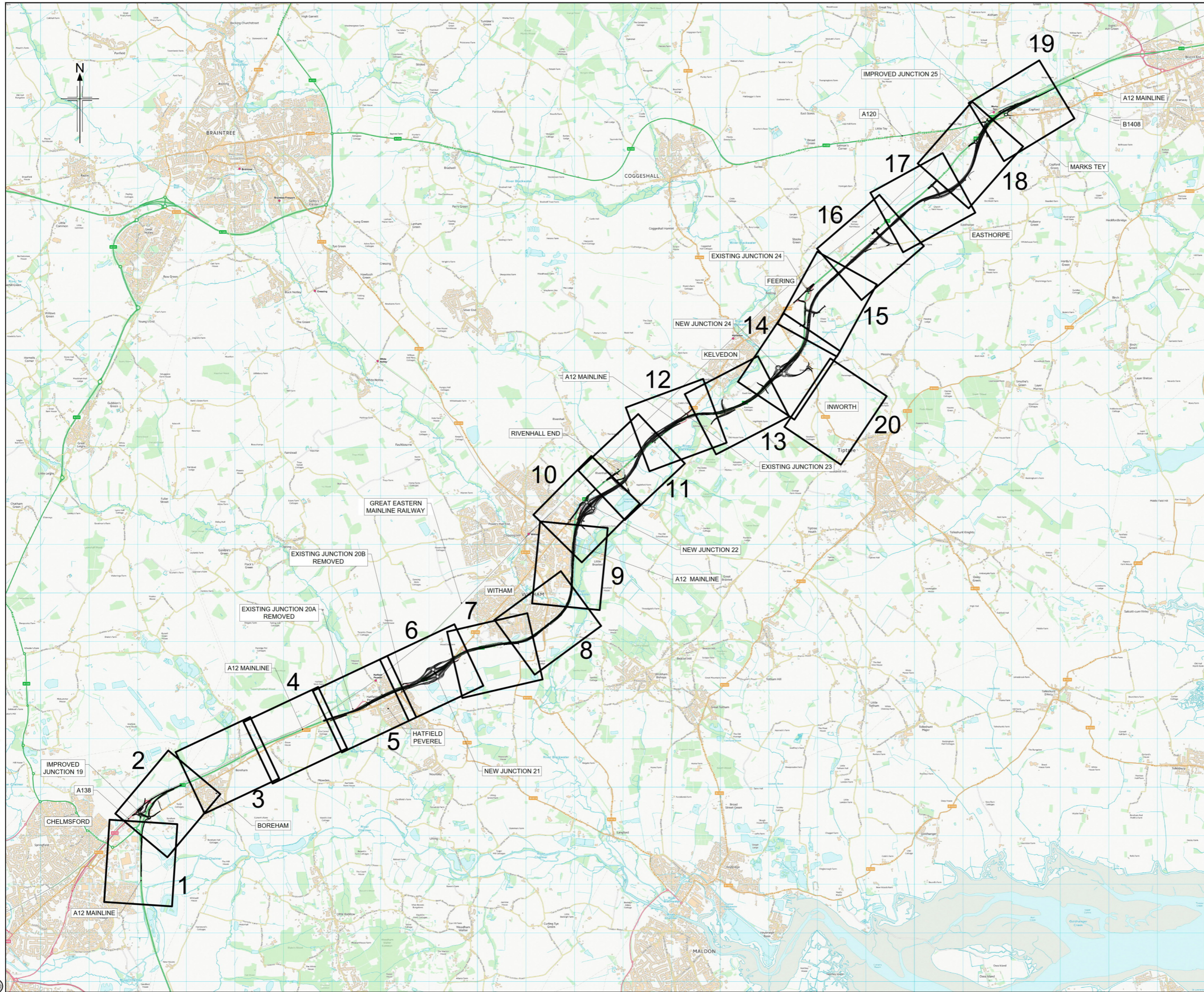
Temporary use of land is needed for the proposed scheme to be constructed safely. The plans show land that may be required temporarily for the main construction compounds at various locations along the route. We will also require temporary access over land to divert utilities such as gas pipelines, electricity cables and water pipes. Any land that is only required temporarily will be returned to its previous use wherever possible once construction is complete.

## Map book 3: Engineering plans

These plans show the highway details of the route in a 'plan and profile' (level above or below existing ground) format. The drawings are split into two views, with the plan on the top and the profile underneath.

The profile shows the road level in relation to the existing ground at given distances along the route, referred to as chainages. An exaggerated scale is used in the profile to help show the differences in levels and slopes of the design. The profile also shows where existing roads and public rights of way cross over or under the route.

All levels are given in relation to sea level. As is the standard approach on engineering projects, sea level is taken from a reference point at Newlyn in Cornwall. The profile reference level might be different on each drawing.



**Notes:**

1. This key plan is to be used with the General Arrangement Drawings and Land Use Plans.

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	10/02/21	DESIGN FIX 1	JUG	CA	RM	RC
P02	27/04/21	DESIGN FIX 2	SH	CA	RM	RC
P03	21/05/21	FOR STATUTORY CONSULTATION	SH	CA	RM	DT
P04	25/05/21	FOR STATUTORY CONSULTATION	SH	CA	RM	RC

Contractor: **COSTAIN** Designer: **Jacobs**  
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 www.jacobs.com

Client: **highways england**

Project: REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **KEY PLAN**

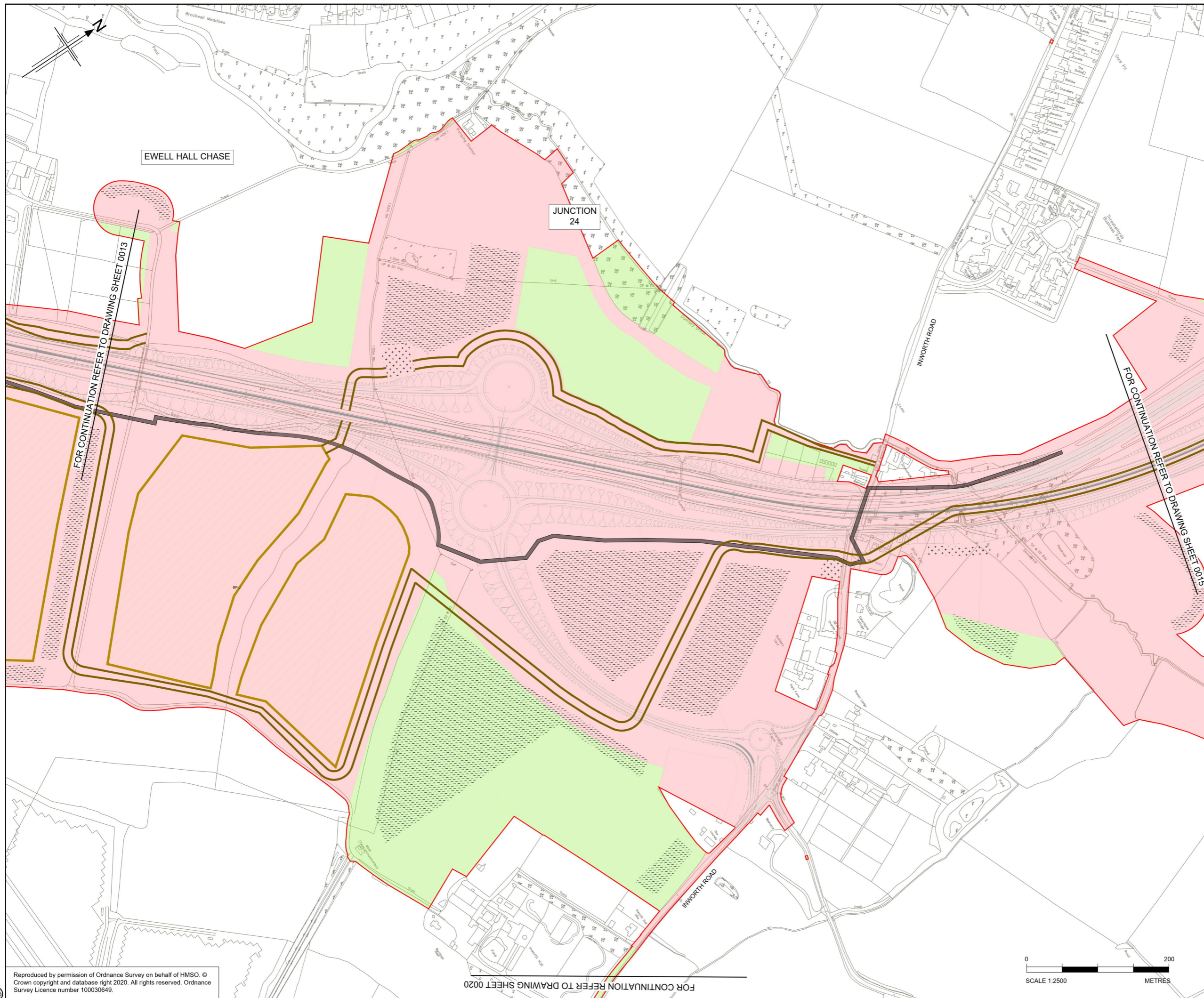
Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary		
Project Stage	PCF3		
Scale	NTS	DO NOT SCALE	
Jacobs No.	B36601D1	Rev	P04
Client no.	HE551497		

Drawing number: **HE551497 - JAC - HGN - SCHW - DR - C - 0026**  
 Originator: **JAC** Volume: **-HGN-**  
 Location: **SCHW** Type: **-DR-** Role: **C** Number: **0026**

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- Notes**
- All dimensions are in metres unless otherwise stated.
  - The base mapping is based on Ordnance Survey (O/S) Data.

- Legend**
- Permanent acquisition of land
  - Permanent Air Rights
  - Temporary possession of land
  - Temporary possession of land and permanent acquisition of rights
  - Provisional Order Limits
  - Haul Routes
  - Proposed Borrow Pit
  - Potential Site Compound
  - Soil Storage Area
  - Detrunked Road
  - Carriageway to be removed
  - Indicative Utilities Corridor

P01	22/04/21	DESIGN FIX 2	SH	CA	RM	RC
P02	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM
P03	25/05/21	FOR STATUTORY CONSULTATION	SH	CA	RM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

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Client: **highways england**

Project: REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **LAND USE PLAN  
 CH 30700 TO 32200  
 DRAWING 14 OF 20**

Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary
Project Stage	PCF3
Scale	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
DO NOT SCALE	Rev P03

Drawing number: **HE551497 - JAC - HGN - SCHW - DR - C - 0059**



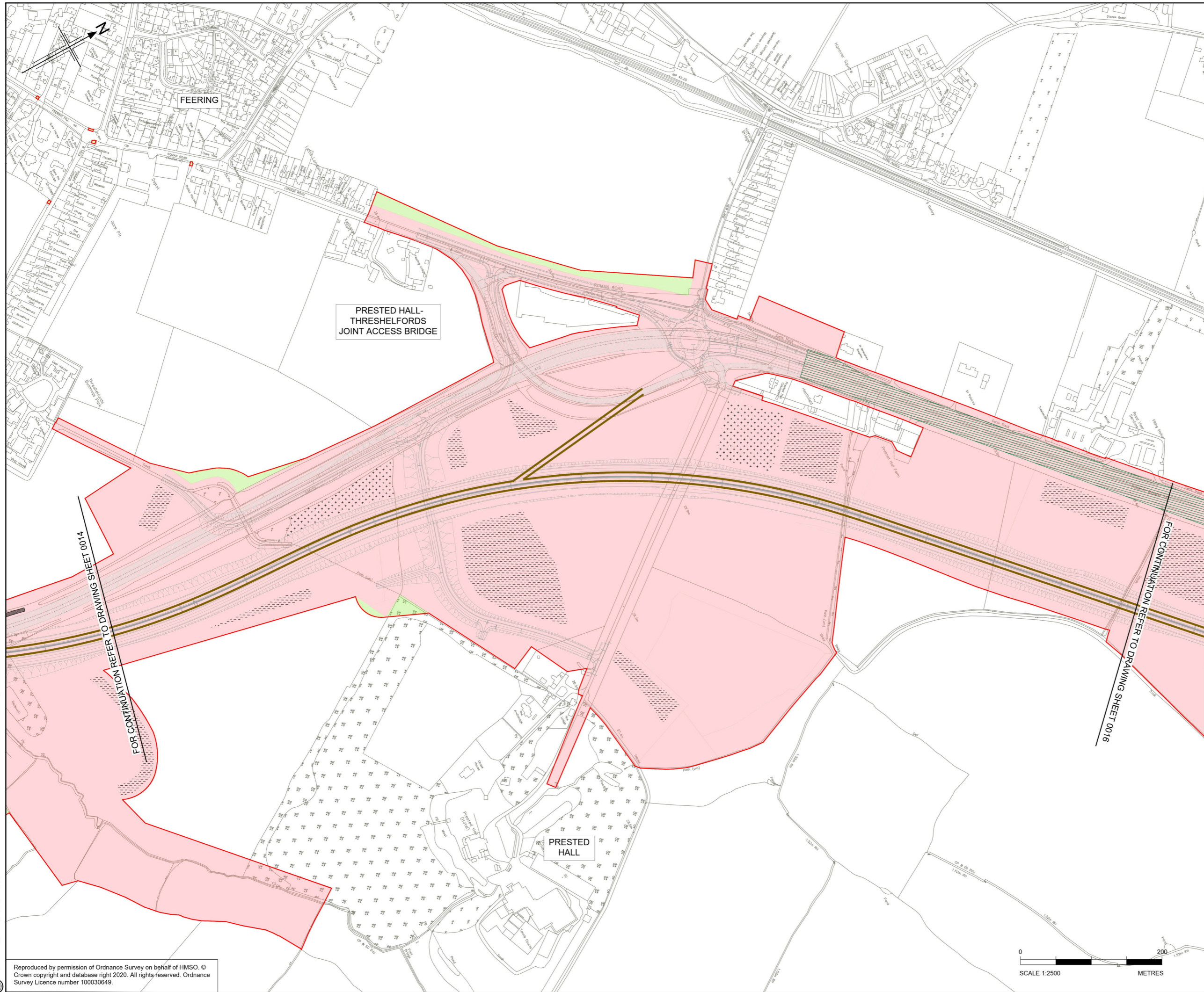
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  - Detrunked Road
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  - Indicative Utilities Corridor

FOR CONSULTATION REFER TO DRAWING SHEET 0014

FOR CONTINUATION REFER TO DRAWING SHEET 0016

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	22/04/21	DESIGN FIX 2	SH	CA	RM	RC
P02	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM
P03	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM

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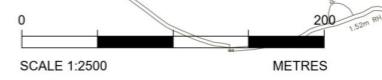
Project: REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **LAND USE PLAN  
 CH 32200 TO 33700  
 DRAWING 15 OF 20**

Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary	
Project Stage	PCF3	DO NOT SCALE
Scale	1:2500	
Jacobs No.	B36801D1	Rev P03
Client no.	HE551497	

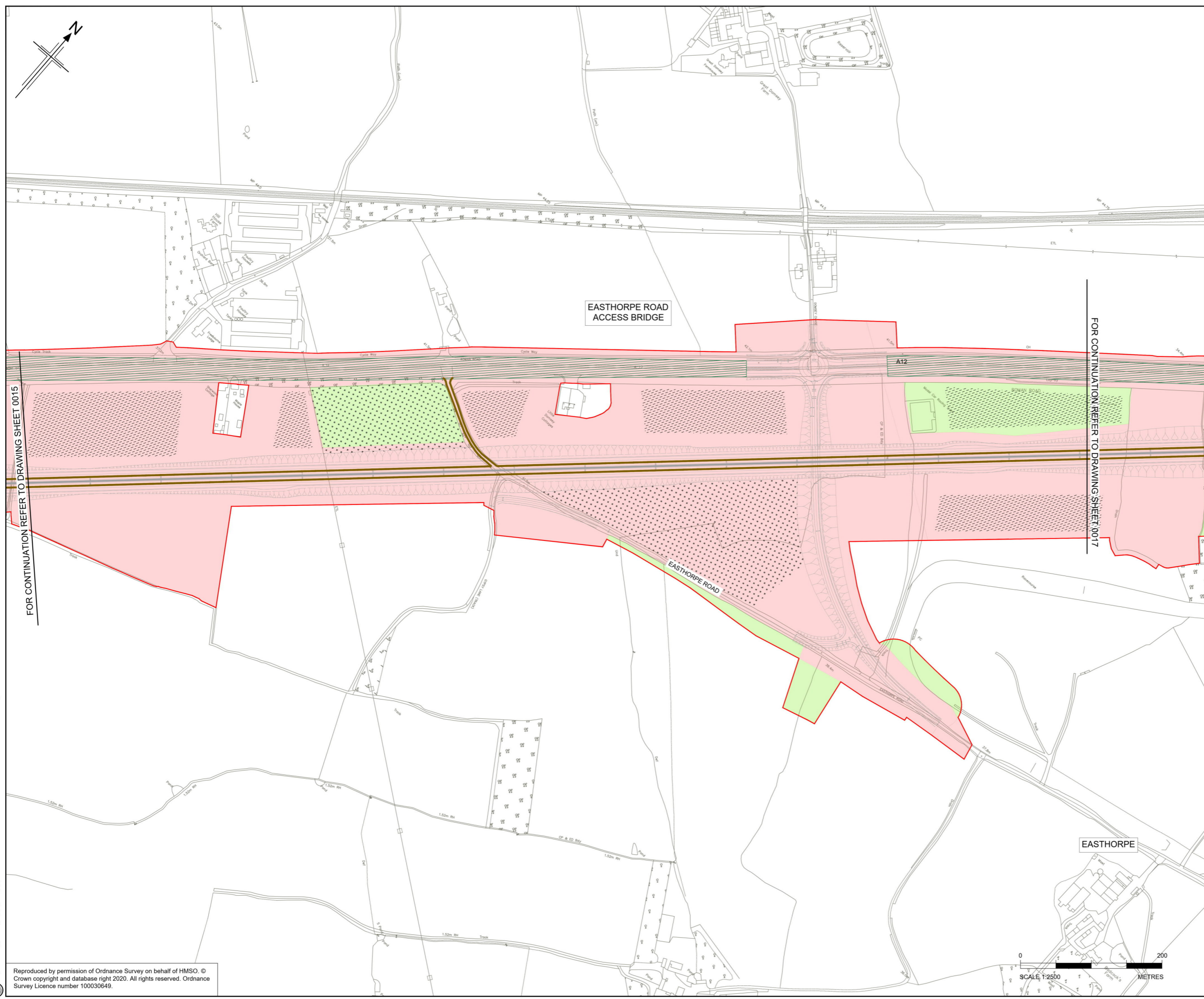
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  - Potential Site Compound
  - Soil Storage Area
  - Detrunked Road
  - Carriageway to be removed
  - Indicative Utilities Corridor

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P01	22/04/21	DESIGN FIX 2	SH	CA	RM	RC
P02	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM
P03	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

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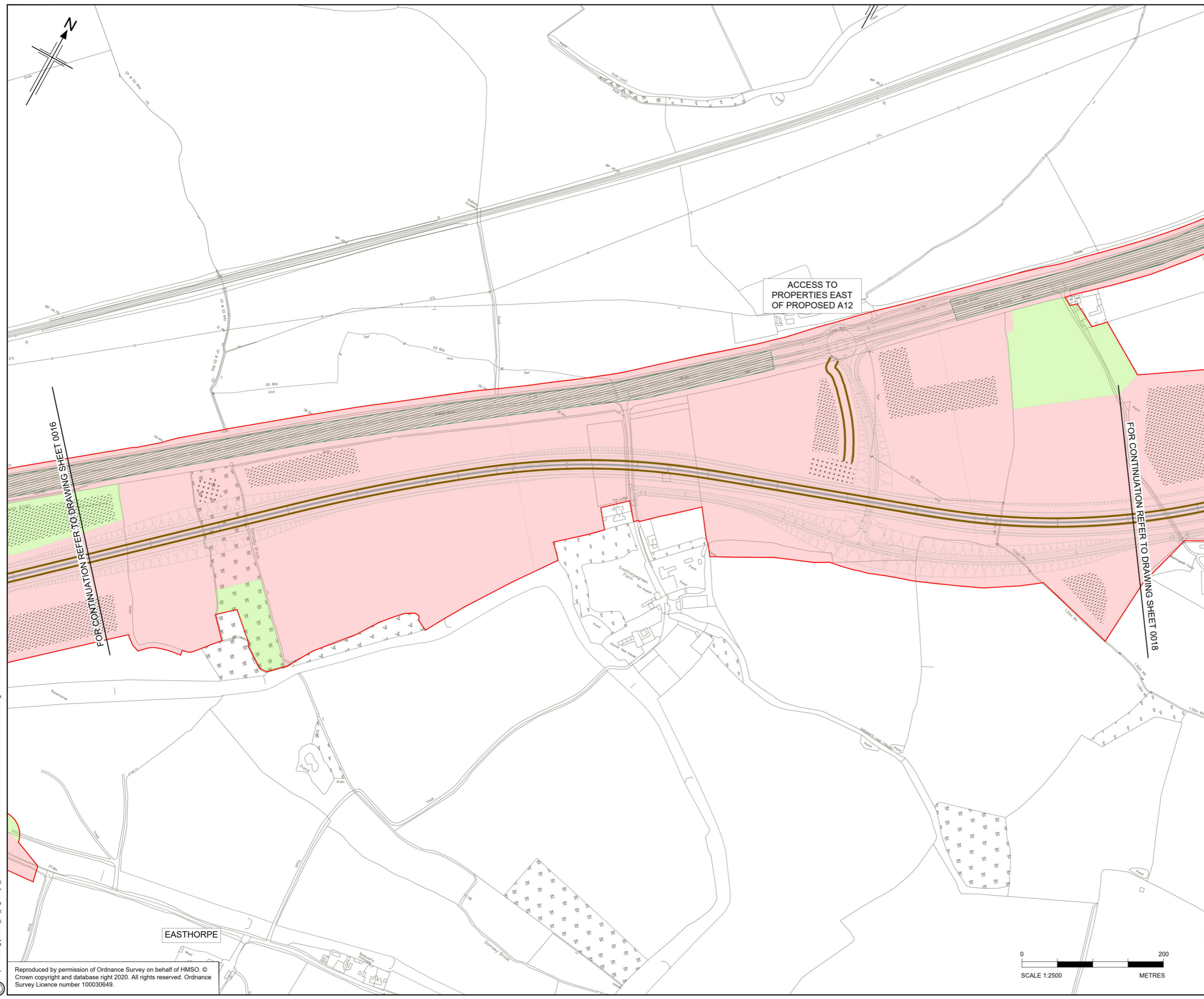
Project: REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **LAND USE PLAN  
 CH 33700 TO 35200  
 DRAWING 16 OF 20**

Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary	DO NOT SCALE
Project Stage	PCF3	Rev
Scale	1:2500	P03
Jacobs No.	B36801D1	
Client no.	HE551497	

Drawing number: **HE551497 - JAC - HGN - SCHW - DR - C - 0061**  
 Originator: **JAC** Volume: **HGN**  
 Location: **SCHW** Type: **DR** Role: **C** Number: **0061**



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**Legend**

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- Proposed Borrow Pit
- Potential Site Compound
- Soil Storage Area
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- Indicative Utilities Corridor

ACCESS TO PROPERTIES EAST OF PROPOSED A12

FOR CONTINUATION REFER TO DRAWING SHEET 0016

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P01	22/04/21	DESIGN FIX 2	SH	CA	RM	RC
P02	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM
P03	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

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Project: REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **LAND USE PLAN  
 CH 35200 TO 36700  
 DRAWING 17 OF 20**

Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary
Project Stage	PCF3
Scale	1:2500
Jacobs No.	B36601D1
Client no.	HE551497
Rev	P03

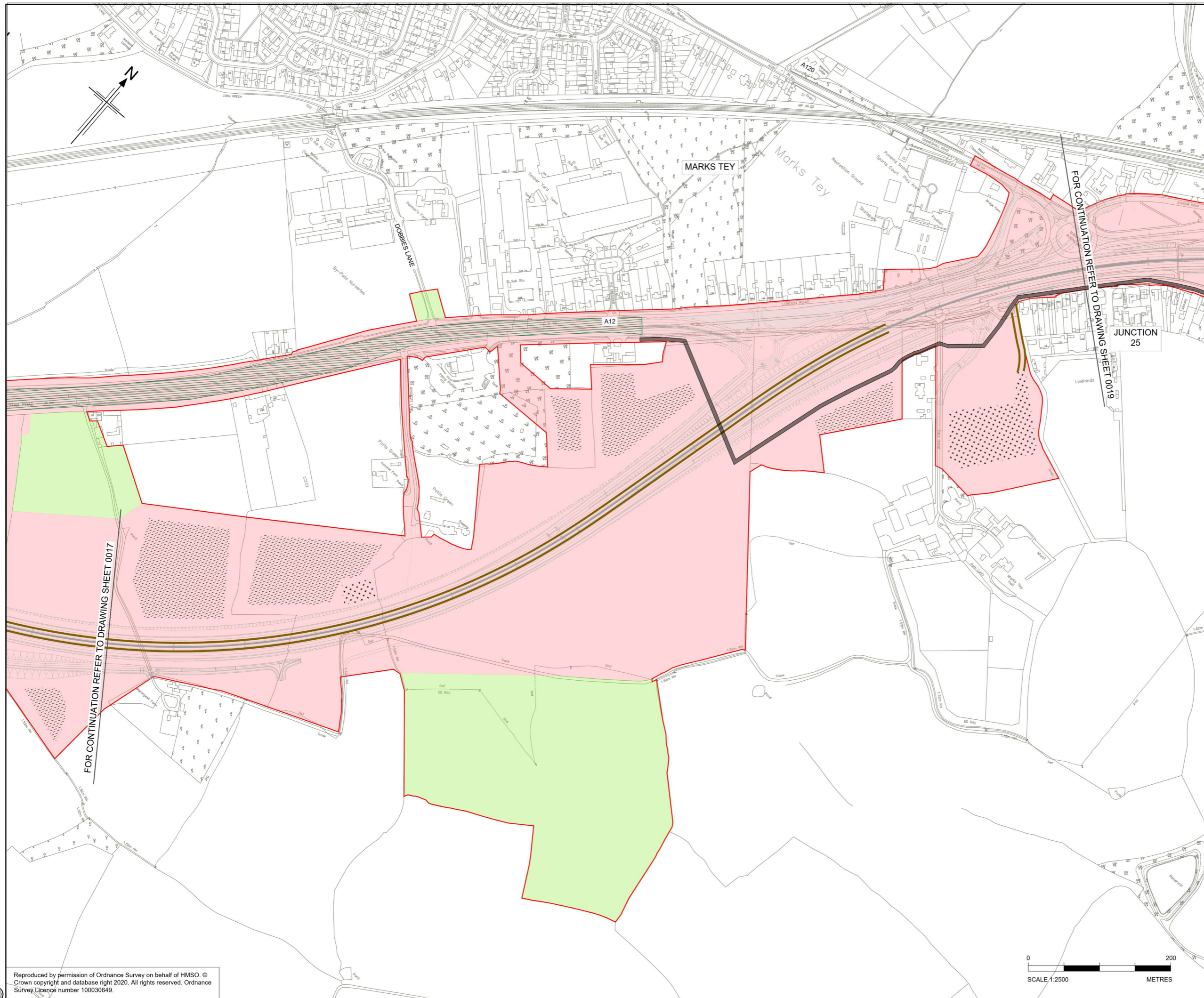
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 Location: **SCHW** Type: **-DR- C** Role: **-0062**



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**Legend**

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	Soil Storage Area
	Detrunked Road
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	Indicative Utilities Corridor

FOR CONTINUATION REFER TO DRAWING SHEET 0017

FOR CONTINUATION REFER TO DRAWING SHEET 0019

P01	22/04/21	DESIGN FIX 2	SH	CA	RM	RC
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

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 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title  
**LAND USE PLAN**  
**CH 36700 TO 38200**  
**DRAWING 18 OF 20**

Drawing status **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary
Project Stage	PCF3
Scale	1:2500
Jacobs No.	B36801D1
Client no.	HE551497
Rev	P02

Drawing number: **HE551497 - JAC - HGN - SCHW - DR - C - 0063**

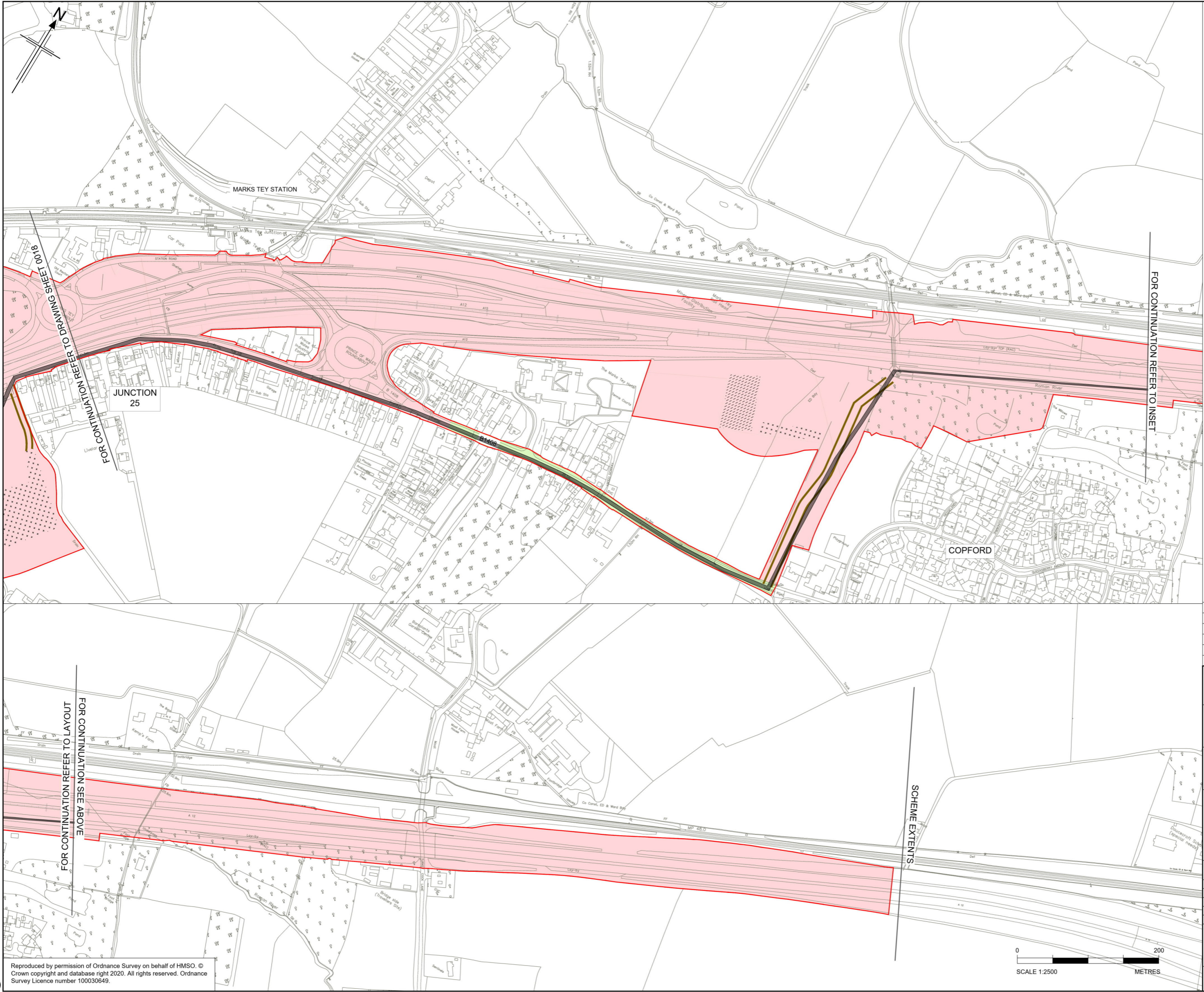


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**Legend**

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P01	22/04/21	DESIGN FIX 2	SH	CA	RM	RC
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Client: **highways england**

Project: REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing title: **LAND USE PLAN  
 CH 38200 TO 39355  
 DRAWING 19 OF 20**

Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary
Project Stage	PCF3
Scale	1:2500
Jacobs No.	B36601D1
Client no.	HE551497

Drawing number: **HE551497 - JAC - HGN - SCHW**  
 Originator: **JAC** Volume: **-HGN-**  
 Location: **SCHW** Type: **-DR-** Role: **C** Number: **-0064**

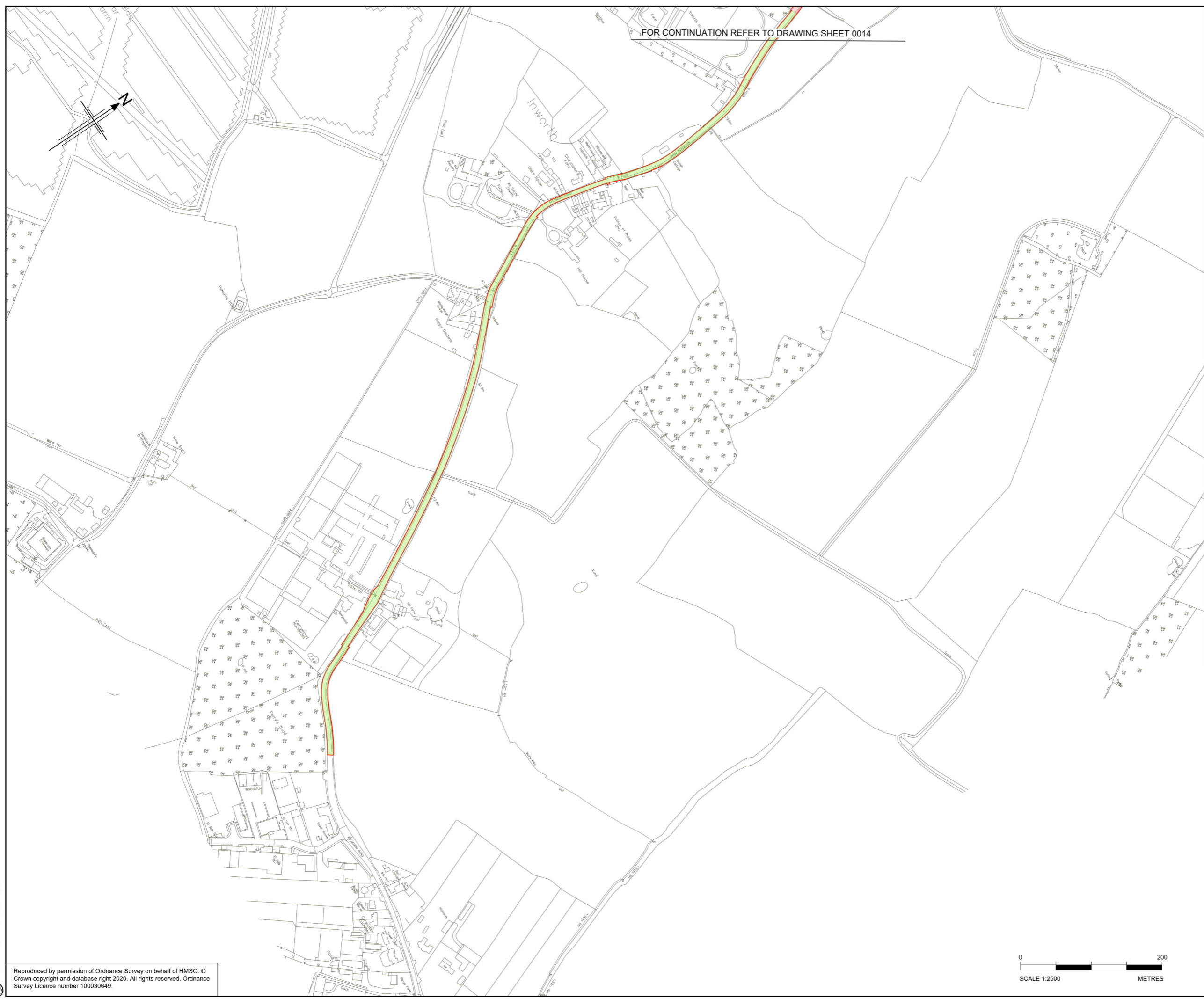
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P01	20/05/21	FOR STATUTORY CONSULTATION	RK	PC	RM	RM

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Client: **highways england**

Project: **REGIONAL DELIVERY PARTNERSHIP  
 A12 CHELMSFORD TO A120 WIDENING SCHEME**

Drawing title: **LAND USE PLAN  
 CH 30700 TO 32200  
 DRAWING 20 OF 20**

Drawing status: **S2 - SUITABLE FOR INFORMATION**

State Code	Preliminary
Project Stage	PCF3
Scale	1:2500
Jacobs No.	B36801D1
Client no.	HE551497
DO NOT SCALE	Rev P01

Drawing number: **HE551497 - JAC -HGN- SCHW -DR- C -0065**

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