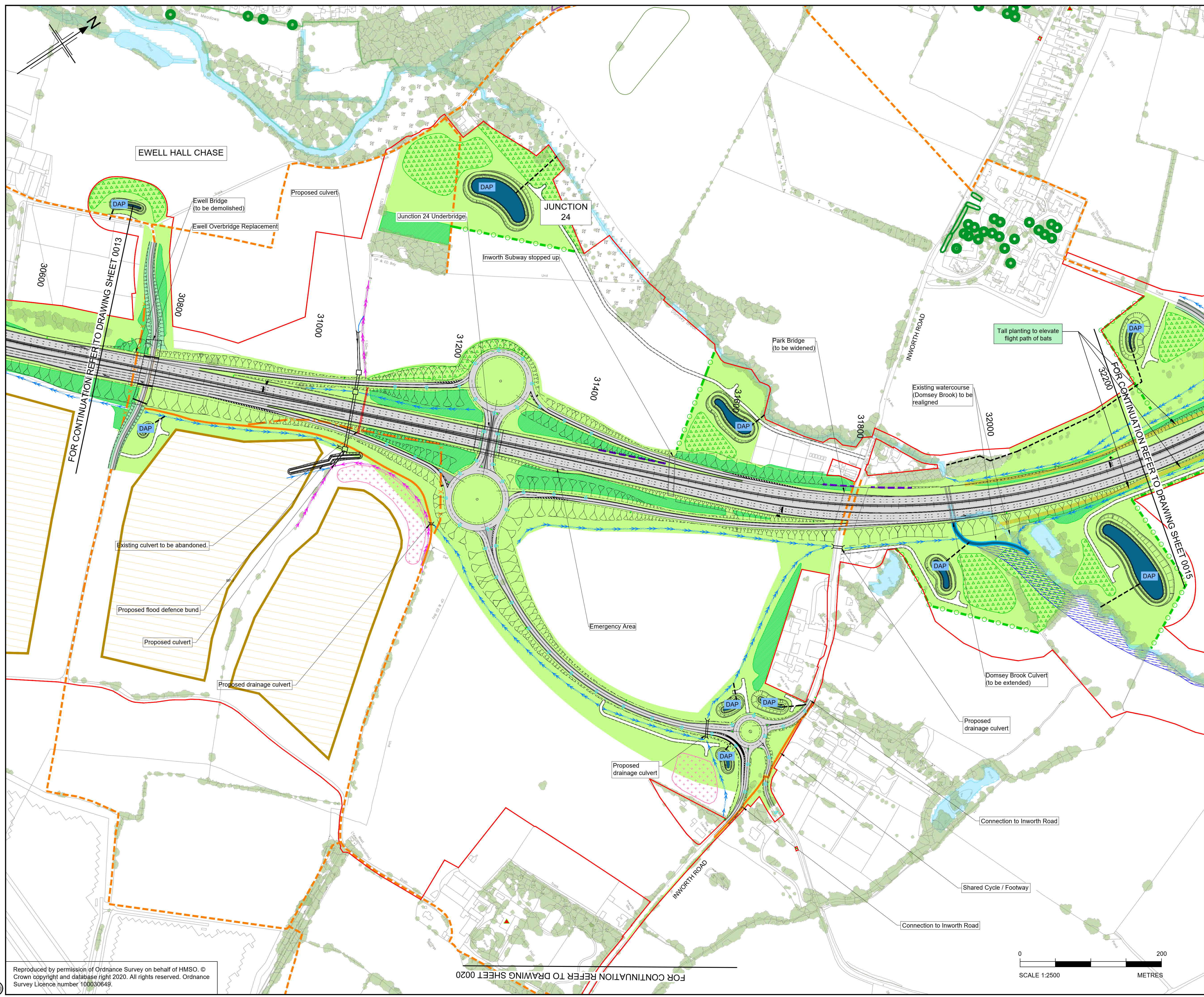


A12 Chelmsford to A120 widening scheme

**PRELIMINARY ENVIRONMENTAL
INFORMATION REPORT**

**CHAPTER 2 – THE SCHEME
FIGURE 2.1 SECTION 3 OF 3**



ENVIRONMENTAL TEXT BOX KEY

Landscape	Ecology	Acoustics
Water	Heritage	Contaminated Land

DRAINAGE KEY

- DAP: Proposed drainage attenuation and water treatment pond - Outfall designed to environmental best practice.
- Underground storage units
- Flood mitigation areas
- Proposed floodplain compensation area (minor watercourse)

EXISTING

- Open water
- Retained trees, hedges and shrubs
- Ancient woodland
- Ancient, noble and veteran trees
- Conservation areas
- Local nature reserve
- Listed buildings
- Registered parks and gardens
- Scheduled monument
- Trees protected by Tree Preservation Order (area or individual tree)

PROPOSED

- Woodland planting of trees and shrubs
- Wet woodlands
- Tall screening planting to elevate flight path of bats & barn owls
- Individual trees
- Hedge with intermittent trees
- Grassland
- Grassland with intermittent trees and shrubs
- Ecology mitigation area / Ecology protection measures
- Ecological pond (indicative symbol)
- Noise barrier location / Acoustic barrier
- Existing public right of way / walking, cycling and horse-riding user route - stopped up
- New/realigned public right of way / walking, cycling and horse-riding user route
- Proposed borrow pit

KEY PLAN
SCALE N.T.S.

P01	25/05/21	ORIGINAL ISSUE	HA	HM	HM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Contractor: **COSTAIN** Designer: **JACOBS**
2nd Floor Cottons Centre, Cottons Lane
London SE1 2QG. Tel: +44 (0)203 9802000
www.jacobs.com

Client: **highways england**

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

Drawing title: **FIGURE 2.1 PRELIMINARY ENVIRONMENTAL DESIGN**
CH. 30700 TO 32200
SHEET 14 OF 19

Drawing status: **S4 - SUITABLE FOR STAGE APPROVAL**

State Code	Preliminary	DO NOT SCALE
Project Stage	PCF3	Rev
Scale	1:2500	P01
Jacobs No.	B36601D1	
Client no.	HE551497	

Drawing number: **HE551497 - JAC - ELS - SCHW - DR - L - 0014**

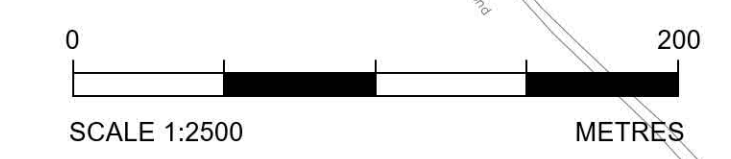
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Location: **SCHW** Type: **DR** Role: **L** Number: **0014**

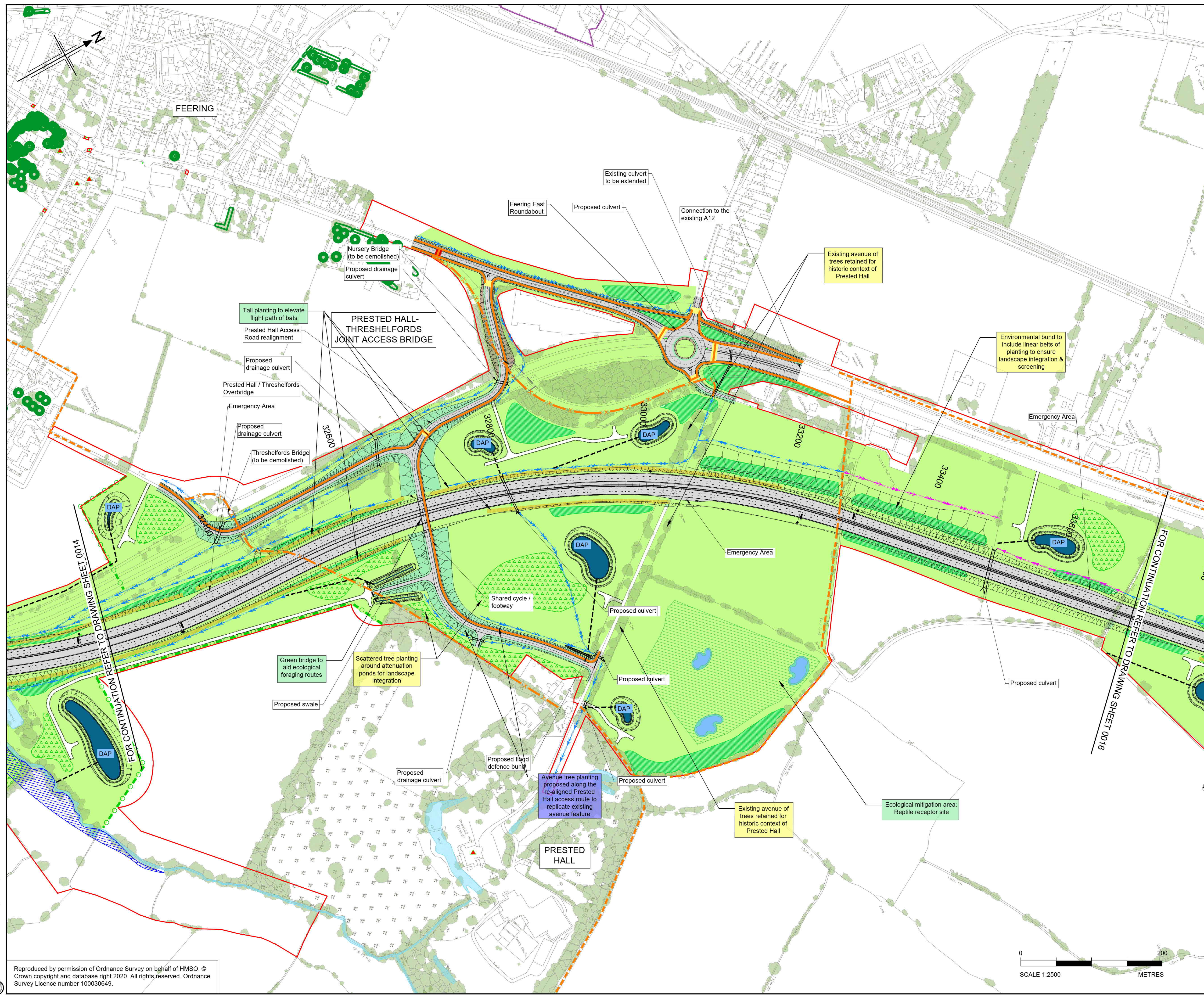
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FOR CONTINUATION REFER TO DRAWING SHEET 0020





ENVIRONMENTAL TEXT BOX KEY

Landscape	Ecology	Acoustics
Water	Heritage	Contaminated Land

DRAINAGE KEY

- DAP: Proposed drainage attenuation and water treatment pond - Outfall designed to environmental best practice.
- Underground storage units
- Flood mitigation areas
- Proposed floodplain compensation area (minor watercourse)

EXISTING

- Open water
- Retained trees, hedges and shrubs
- Ancient woodland
- Ancient, noble and veteran trees
- Conservation areas
- Local nature reserve
- Listed buildings
- Registered parks and gardens
- Scheduled monument
- Trees protected by Tree Preservation Order (area or individual tree)
- Existing public right of way / walking, cycling and horse-riding user route

PROPOSED

- Woodland planting of trees and shrubs
- Wet woodlands
- Tall screen planting to elevate flight path of bats & barn owls
- Individual trees
- Hedge with intermittent trees
- Grassland
- Grassland with intermittent trees and shrubs
- Ecology mitigation area / Ecology protection measures
- Ecological pond (indicative symbol)
- Noise barrier location / Acoustic barrier
- Existing public right of way / walking, cycling and horse-riding user route - stopped up
- New/realigned public right of way / walking, cycling and horse-riding user route
- Proposed borrow pit

KEY PLAN
SCALE N.T.S.

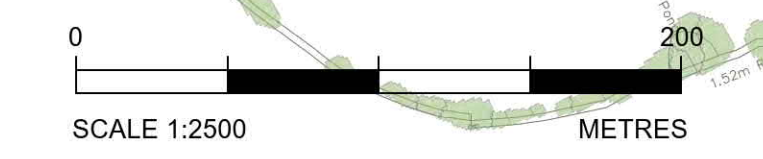
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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Contractor:		Designer:				
COSTAIN		Jacobs 2nd Floor Coltons Centre, Coltons Lane London SE1 2QJ. Tel: +44 (0)203 9802000 www.jacobs.com				
Client: highways england						

Project: REGIONAL DELIVERY PARTNERSHIP
A12 CHELMSFORD TO A120 WIDENING SCHEME

FIGURE 2.1 PRELIMINARY ENVIRONMENTAL DESIGN
CH. 32200 TO 33700
SHEET 15 OF 19

Drawing status:	S4 - SUITABLE FOR STAGE APPROVAL		
State Code:	Preliminary		
Project Stage:	PCF3		
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Jacobs No.:	B36801D1	Rev	P01
Client no.:	HE551497		

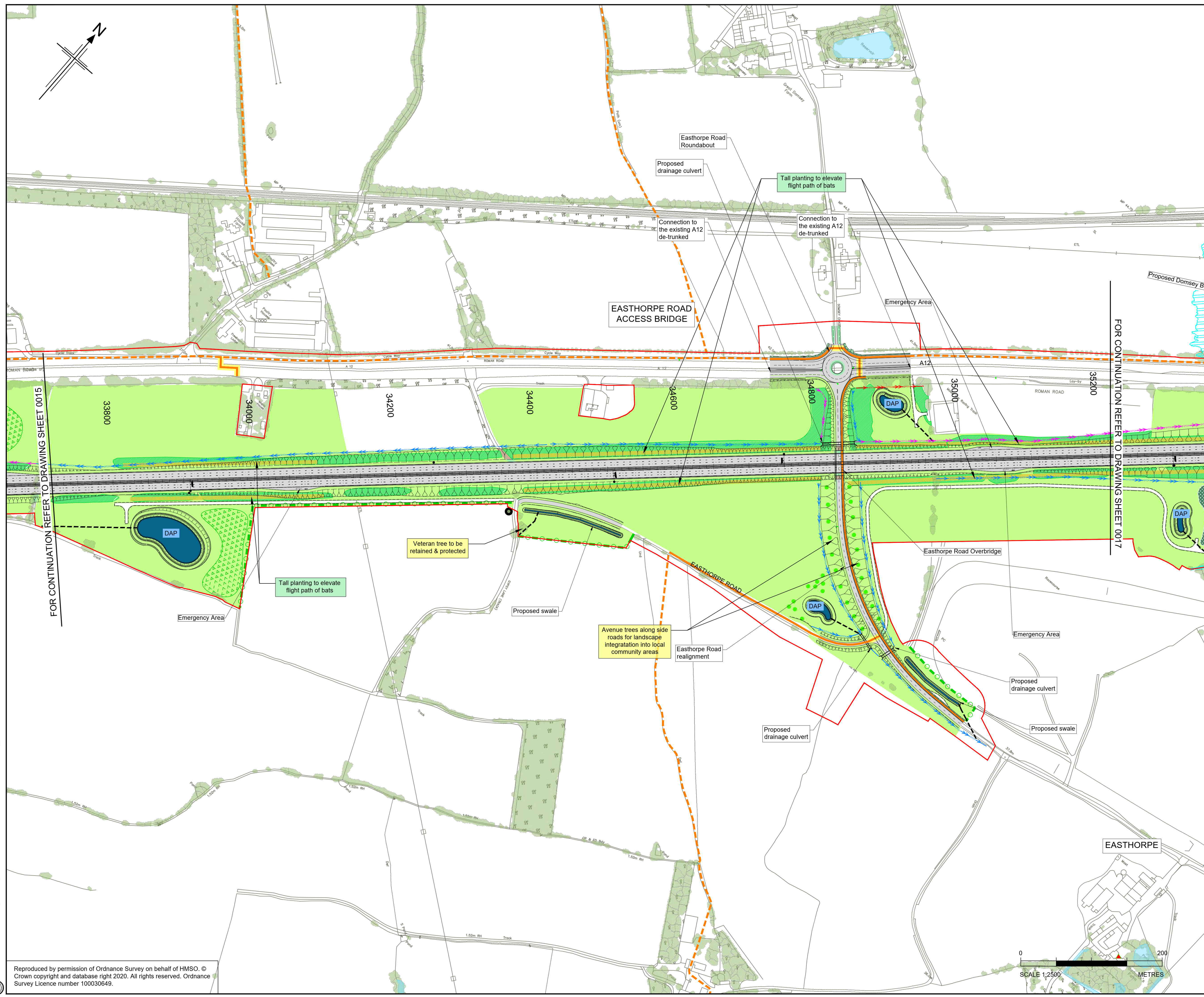
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Number:	-0015				



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ENVIRONMENTAL TEXT BOX KEY

Landscape	Ecology	Acoustics
Water	Heritage	Contaminated Land

DRAINAGE KEY

- DAP: Proposed drainage attenuation and water treatment pond - Outfall designed to environmental best practice.
- Underground storage units
- Flood mitigation areas
- Proposed floodplain compensation area (minor watercourse)

EXISTING

- Open water
- Retained trees, hedges and shrubs
- Ancient woodland
- Ancient, noble and veteran trees
- Conservation areas
- Local nature reserve
- Listed buildings
- Registered parks and gardens
- Scheduled monument
- Trees protected by Tree Preservation Order (area or individual tree)

PROPOSED

- Woodland planting of trees and shrubs
- Wet woodlands
- Tall screen planting to elevate flight path of bats & barn owls
- Individual trees
- Hedge with intermittent trees
- Grassland
- Grassland with intermittent trees and shrubs
- Ecology mitigation area / Ecology protection measures
- Ecological pond (indicative symbol)
- Noise barrier location / Acoustic barrier
- Existing public right of way / walking, cycling and horse-riding user route - stopped up
- New/realigned public right of way / walking, cycling and horse-riding user route
- Proposed borrow pit

KEY PLAN
SCALE N.T.S.

P01	25/05/21	ORIGINAL ISSUE	HA	HM	HM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Contractor: **COSTAIN** Designer: **Jacobs**
2nd Floor Cottons Centre, Cottons Lane
London SE1 2Q3. Tel: +44 (0)203 9802000
www.jacobs.com

Client: **highways england**

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

Drawing title: **FIGURE 2.1 PRELIMINARY ENVIRONMENTAL DESIGN**
CH. 33700 TO 35200
SHEET 16 OF 19

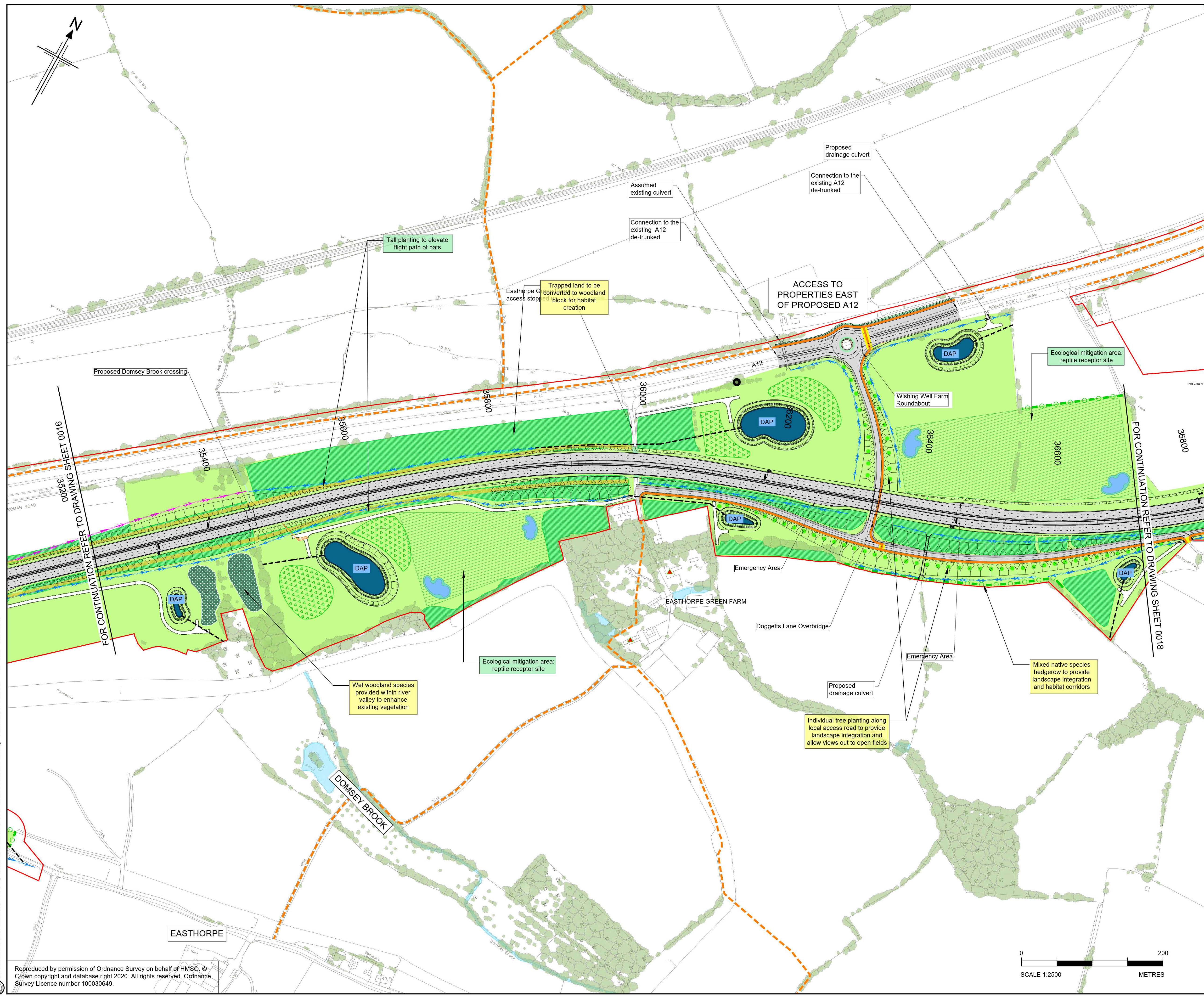
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State Code	Preliminary	
Project Stage	PCF3	DO NOT SCALE
Scale	1:2500	Rev
Jacobs No.	B36801D1	P01
Client no.	HE551497	

Drawing number: **HE551497 - JAC - ELS - SCHW - DR - L - 0016**

Originator: **JAC** Volume: **ELS**
Location: **SCHW** Type: **DR** Role: **L** Number: **0016**

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ENVIRONMENTAL TEXT BOX KEY

Landscape	Ecology	Acoustics
Water	Heritage	Contaminated Land

DRAINAGE KEY

- DAP: Proposed drainage attenuation and water treatment pond - Outfall designed to environmental best practice.
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EXISTING

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- Registered parks and gardens
- Scheduled monument
- Trees protected by Tree Preservation Order (area or individual tree)
- Existing public right of way / walking, cycling and horse-riding user route

PROPOSED

- Woodland planting of trees and shrubs
- Wet woodlands
- Tall screen planting to elevate flight path of bats & barn owls
- Individual trees
- Hedge with intermittent trees
- Grassland
- Grassland with intermittent trees and shrubs
- Ecology mitigation area / Ecology protection measures
- Ecological pond (indicative symbol)
- Noise barrier location / Acoustic barrier
- Existing public right of way / walking, cycling and horse-riding user route - stopped up
- New/realigned public right of way / walking, cycling and horse-riding user route
- Proposed borrow pit

KEY PLAN
SCALE N.T.S.

P01	25/05/21	ORIGINAL ISSUE	HA	HM	HM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Contractor: **COSTAIN** Designer: **JACOBS**
2nd Floor Coltons Centre, Coltons Lane, London SE1 2QG, Tel: +44 (0)203 9802000, www.jacobs.com

Client: **highways england**

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

Drawing title: **FIGURE 2.1 PRELIMINARY ENVIRONMENTAL DESIGN**
CH. 35200 TO 36700
SHEET 17 OF 19

Drawing status: **S4 - SUITABLE FOR STAGE APPROVAL**

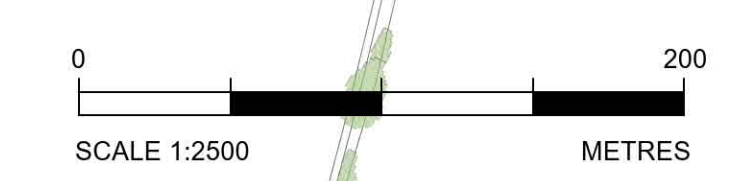
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Project Stage	PCF3
Scale	1:2500
Jacobs No.	B36601D1
Client no.	HE551497

Drawing number: **HE551497 - JAC - ELS - SCHW - DR - L - 0017**

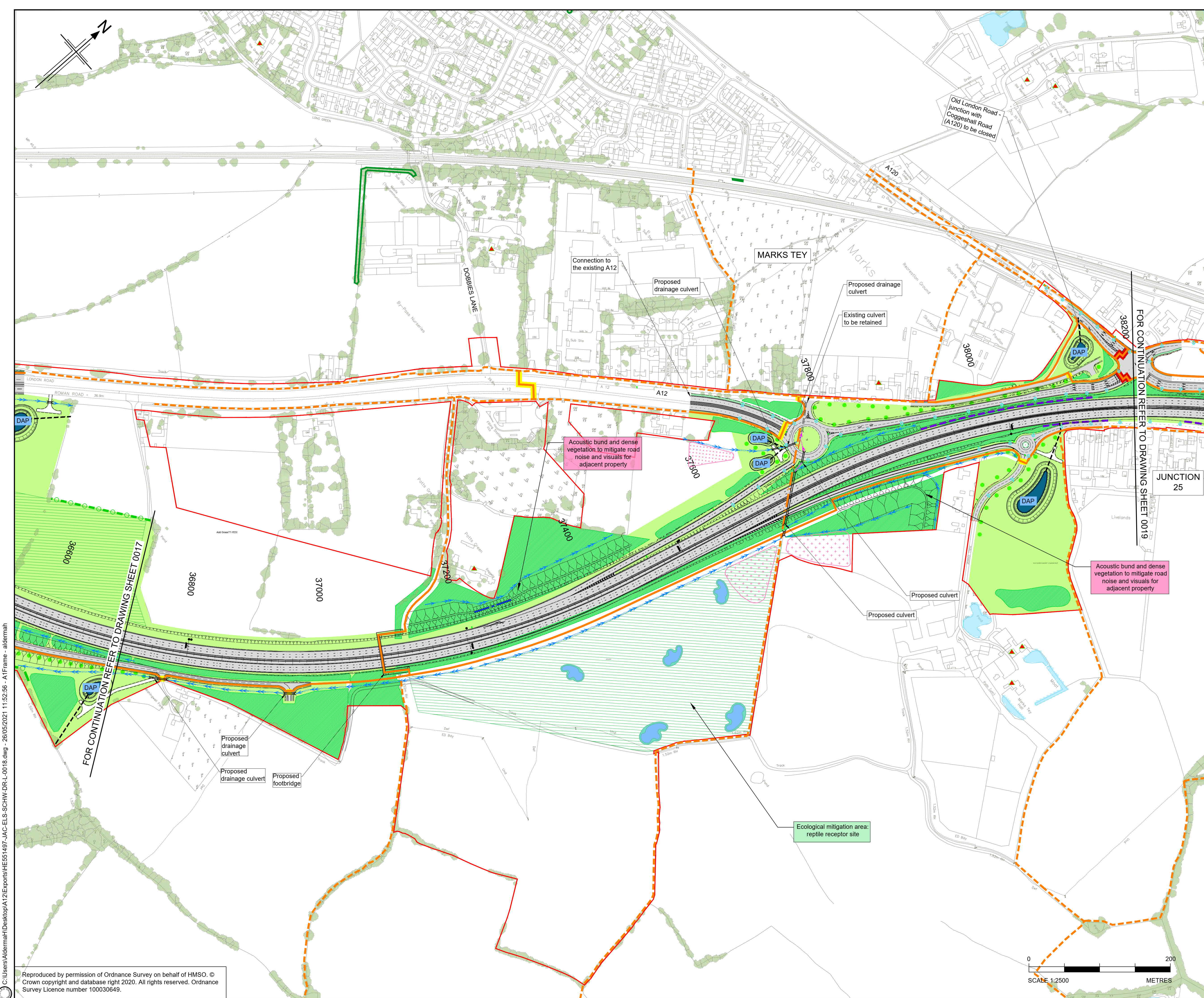
Originator: **JAC** Volume: **ELS**
Location: **SCHW** Type: **DR** Role: **L** Number: **0017**

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ENVIRONMENTAL TEXT BOX KEY

Landscape	Ecology	Acoustics
Water	Heritage	Contaminated Land

DRAINAGE KEY

- DAP: Proposed drainage attenuation and water treatment pond - Outfall designed to environmental best practice.
- Underground storage units
- Flood mitigation areas
- Proposed floodplain compensation area (minor watercourse)

EXISTING

- Open water
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- Ancient, noble and veteran trees
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- Trees protected by Tree Preservation Order (area or individual tree)

PROPOSED

- Woodland planting of trees and shrubs
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- Individual trees
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- Grassland
- Grassland with intermittent trees and shrubs
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- Ecological pond (indicative symbol)
- Noise barrier location / Acoustic barrier
- Existing public right of way / walking, cycling and horse-riding user route - stopped up
- New/realigned public right of way / walking, cycling and horse-riding user route
- Proposed borrow pit

KEY PLAN
SCALE N.T.S.

PD1	25/05/21	ORIGINAL ISSUE	HA	HM	HM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd

Contractor: **COSTAIN** Designer: **Jacobs**
2nd Floor Coltons Centre, Coltons Lane
London SE1 2QG. Tel: +44 (0)203 9802000
www.jacobs.com

Client: **highways england**

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

Drawing title: **FIGURE 2.1 PRELIMINARY
ENVIRONMENTAL DESIGN
CH. 36700 TO 38200
SHEET 18 OF 19**

Drawing status: **S4 - SUITABLE FOR STAGE APPROVAL**

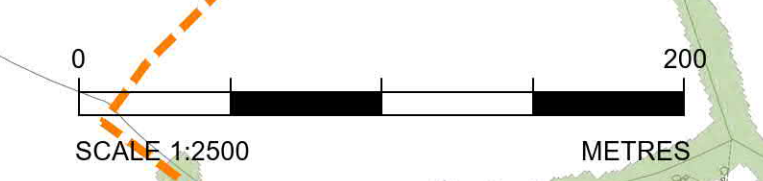
State Code	Preliminary
Project Stage	PCF3
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Jacobs No.	B36601D1
Client no.	HE551497

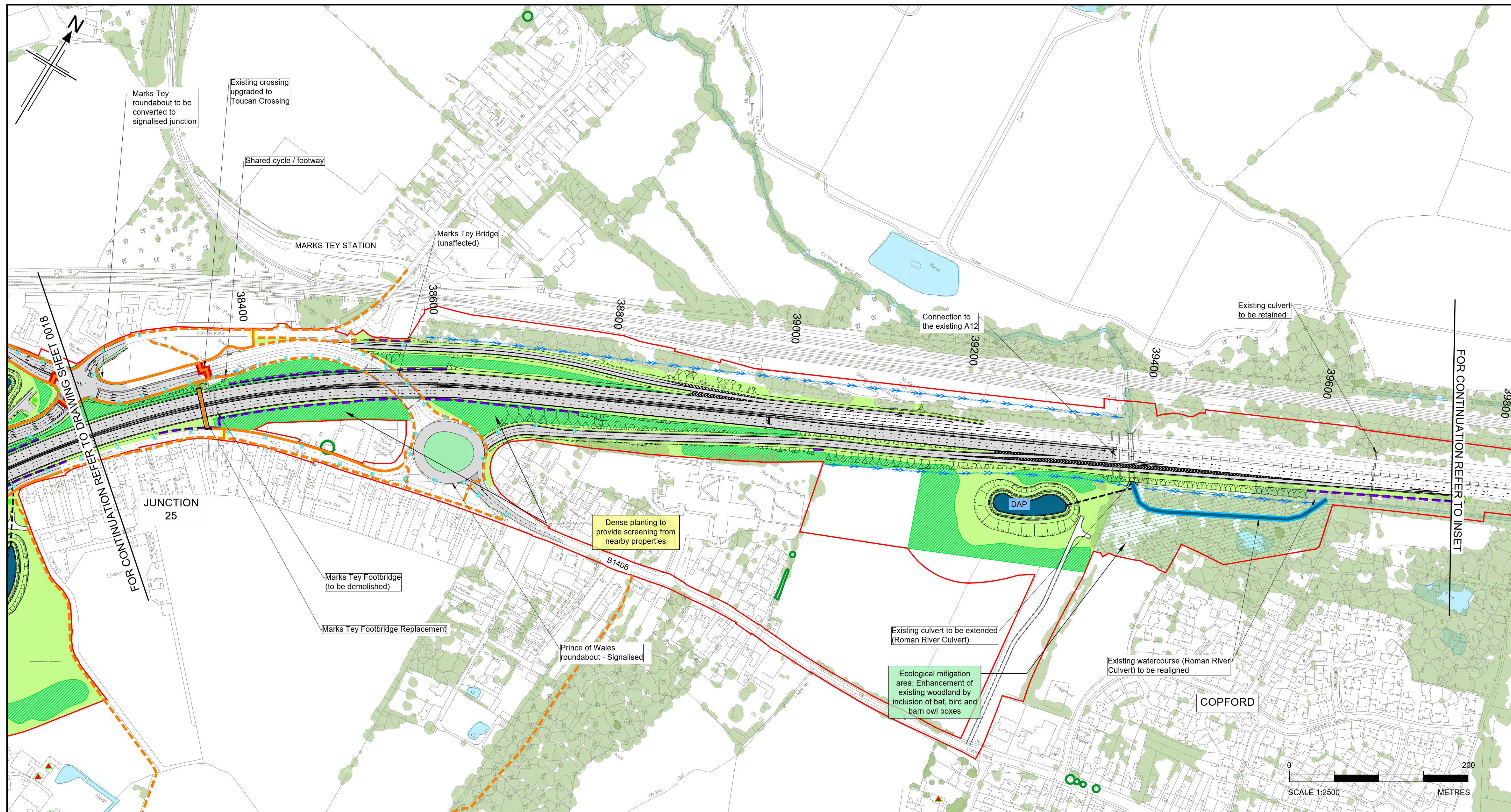
Drawing number	PM	Originator	Volume
HE551497 -	JAC	- ELS -	
Location	Type	Role	Number
SCHW	-DR-	L	-0018

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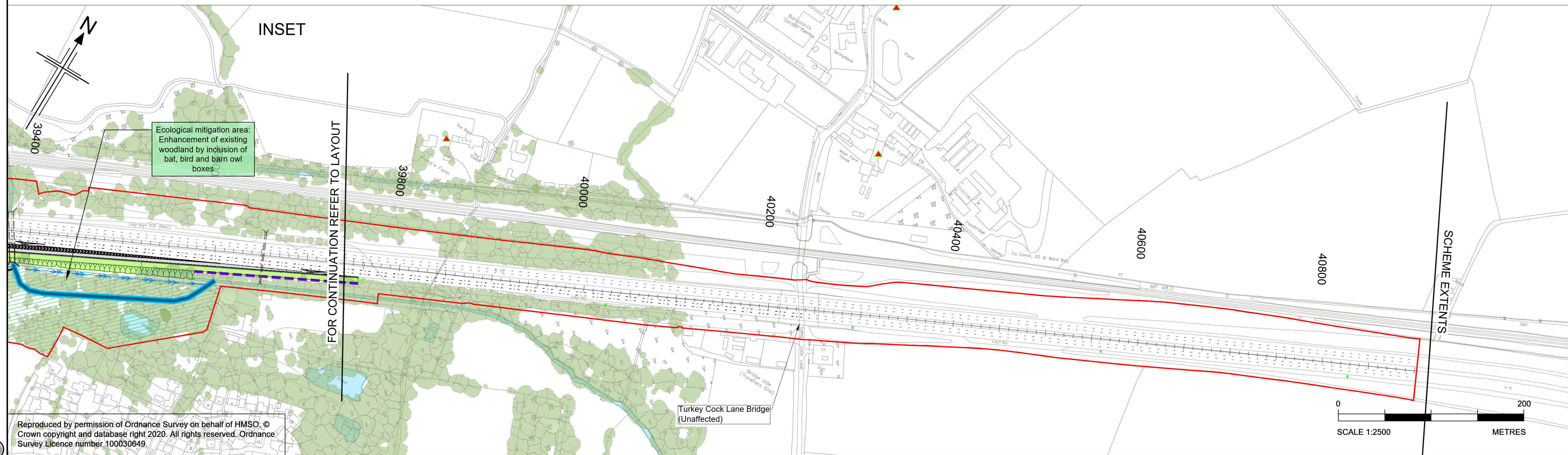
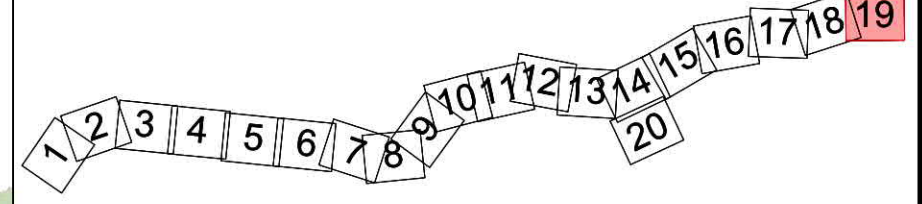
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- ENVIRONMENTAL TEXT BOX KEY**
- Landscape
 - Ecology
 - Acoustics
 - Water
 - Heritage
 - Contaminated Land
- DRAINAGE KEY**
- DAP: Proposed drainage attenuation and water treatment pond - Outfall designed to environmental best practice.
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 - Existing public right of way / walking, cycling and horse-riding user route
- PROPOSED**
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 - Existing public right of way / walking, cycling and horse-riding user route - stopped up
 - New/realigned public right of way / walking, cycling and horse-riding user route
 - Proposed borrow pit

KEY PLAN
SCALE N.T.S.



PD1	25/05/21	ORIGINAL ISSUE	HA	HM	HM	RC
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
Contractor: COSTAIN			Designer: Jacobs 2nd Floor Coltons Centre, Coltons Lane London SE1 2QG, Tel: +44 (0)203 9802000 www.jacobs.com			
Client: highways england						
Project: REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing title: FIGURE 2.1 PRELIMINARY ENVIRONMENTAL DESIGN CH. 38200 TO 39355 SHEET 19 OF 19						
Drawing status: S4 - SUITABLE FOR STAGE APPROVAL						
State Code	Preliminary					
Project Stage	PCF3					
Scale	1:2500					DO NOT SCALE
Jacobs No.	B36601D1					Rev
Client no.	HE551497					P01
Drawing number	PM	Originator	JAC	Volume	ELS	Number
HE551497 -						
Location	SCHW		Type	Role	Number	
					-DR- L -0019	

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