

A12 Chelmsford to A120 widening scheme TR010060

6.3 ENVIRONMENTAL STATEMENT APPENDIX 14.5 FLOOD RISK ASSESSMENT – ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS)

APFP Regulation 5(2)(e)

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

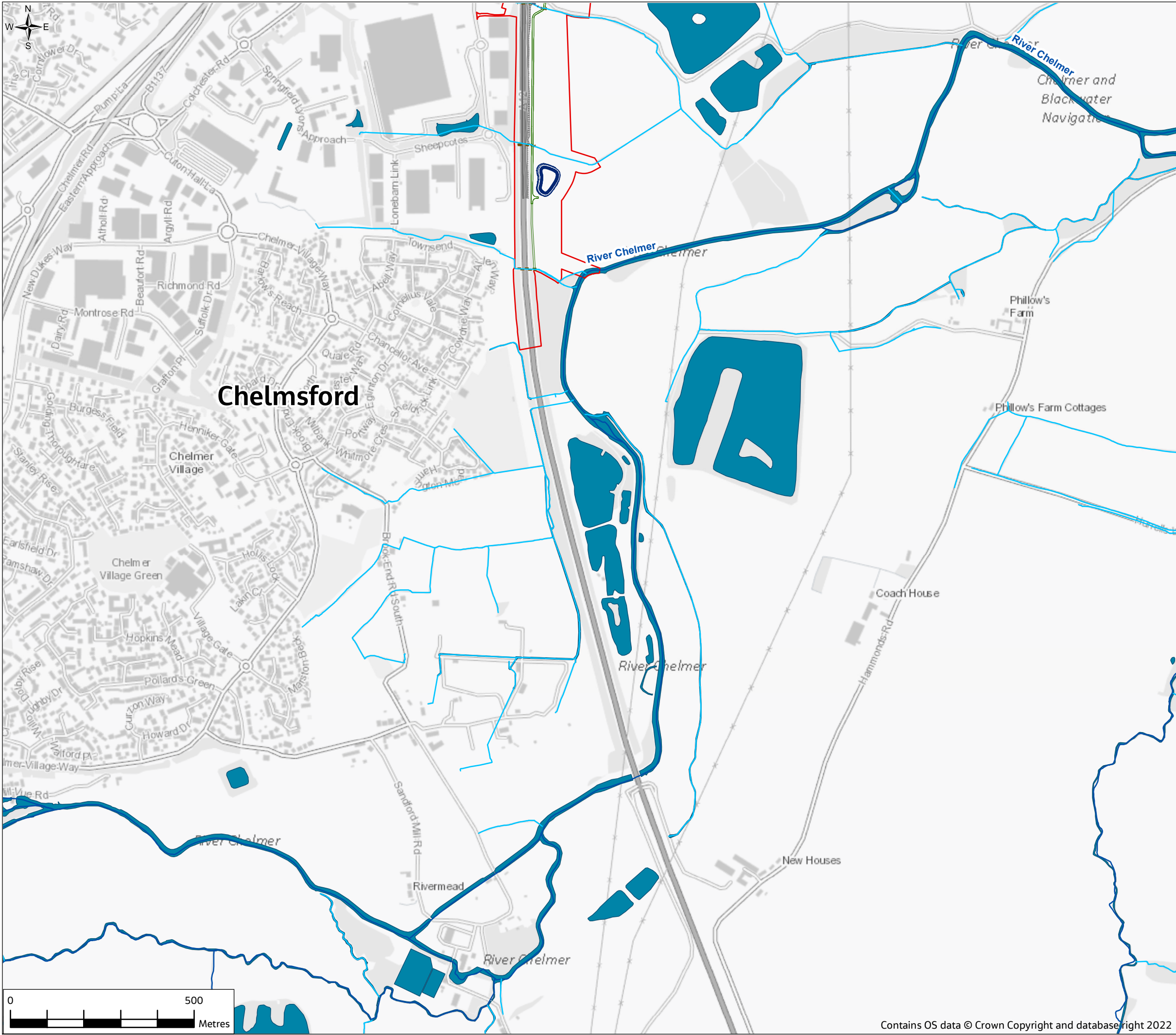
Development Consent Order 202[]

ENVIRONMENTAL STATEMENT

APPENDIX 14.5 FLOOD RISK ASSESSMENT – ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS)

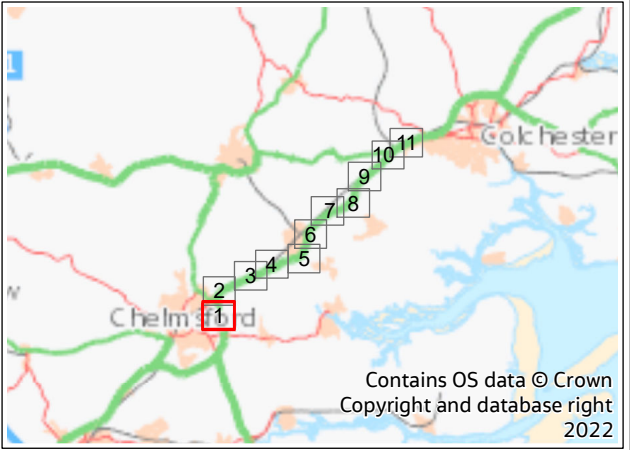
Regulation Reference	Regulation 5(2)(e)
Planning Inspectorate Scheme Reference	TR010060
Application Document Reference	TR010060/APP/6.3
Author	A12 Project Team & National Highways


Version	Date	Status of Version
Rev 1	August 2022	DCO Application



ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - Scheme culverts
 - Private means of access and pond access tracks
 - Drainage ponds
- Water environment**
- Main River
 - Ordinary Watercourses
 - Realigned watercourses
 - Existing water features (river, ponds, lakes and reservoirs)













P01	20/07/22	For DCO application	JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number: TR010060/APP/6.3			APFP Regulation: Regulation 5(2)(e)			
Client						
<div>national highways</div>						
Project						
REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 1 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:10000	DO NOT SCALE			
Jacobs No.		B36601D1				
Client No.		HE551497	Rev		P01	
Drawing Number						
HE551497-JAC-LDC-SCHW-SK-GI-0240						
© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.						

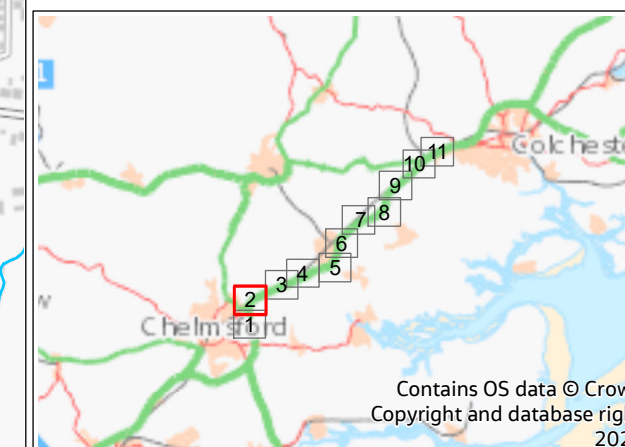


ANNEX A

Legend

Proposed scheme

-  Order Limits
 -  Scheme
 -  Cut-off ditch
 -  Scheme culverts
 -  Private means of access and pond access tracks
 -  Drainage ponds
- Water environment**
-  Main River
 -  Ordinary Watercourses
 -  Realigned watercourses
 -  Existing water features (river, ponds, lakes and reservoirs)



P01	20/07/22	For DCO application	JC	CW	DS	
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd

Development Consent Order Drawing Number: TR010060/APP/6.3	APFP Regulation: Regulation 5(2)(e)
---	--

Client  national highways

Project	REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME
---------	---

Drawing Title	<p>FLOOD RISK ASSESSMENT ANNEX A</p> <p>PROPOSED SCHEME (OPERATIONAL ELEMENTS)</p> <p>SHEET 2 OF 11</p>
---------------	---

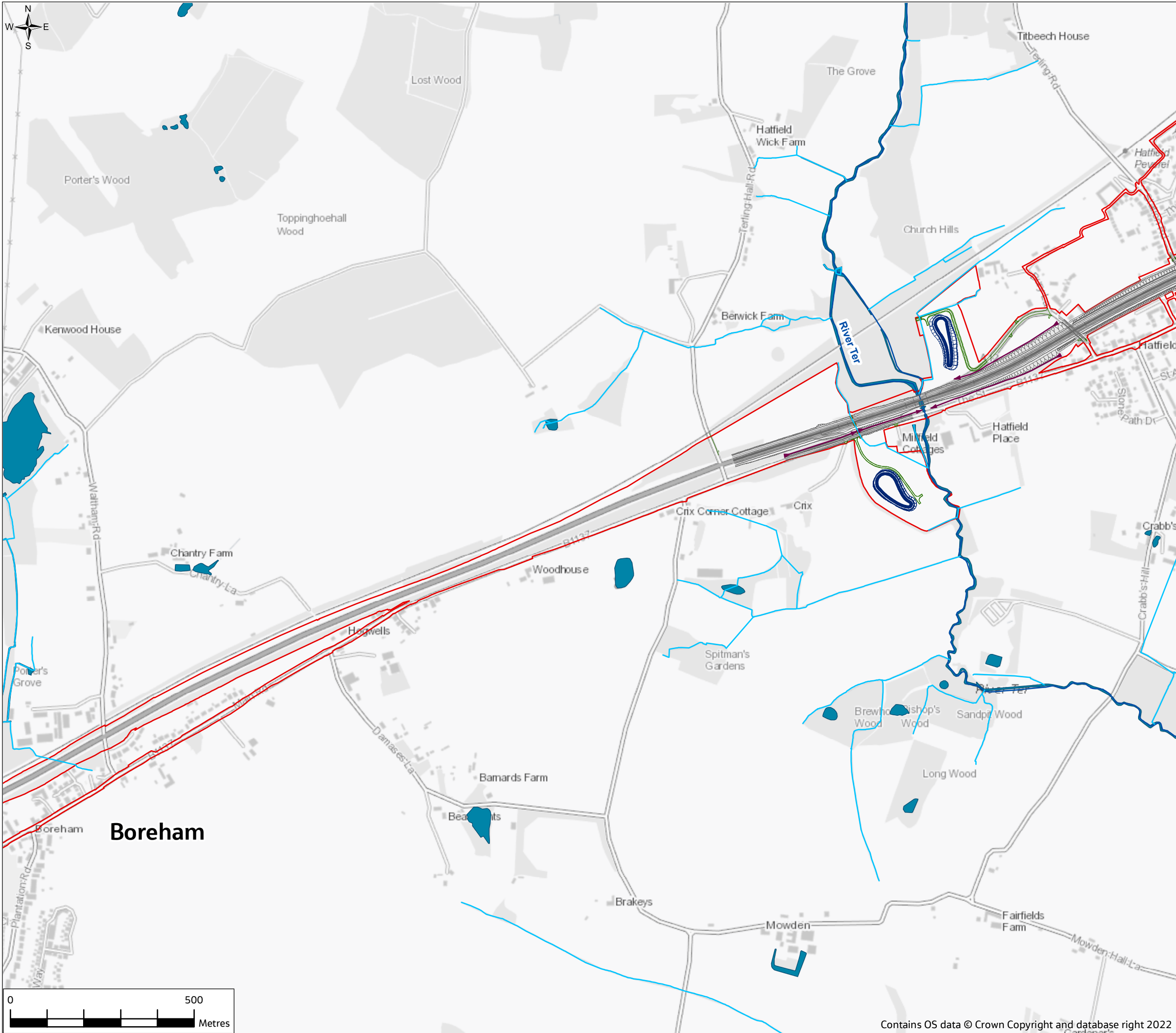
Drawing Status	S4 - SUITABLE FOR STAGE APPROVAL
----------------	----------------------------------

Scale @ A3	1:10000	DO NOT SCALE
Jacobs No.	B36601D1	
Client No.	HE551497	Rev P01

Drawing Number	HE551497-JAC-LDC-SCHW-SK-GI-0241
----------------	----------------------------------

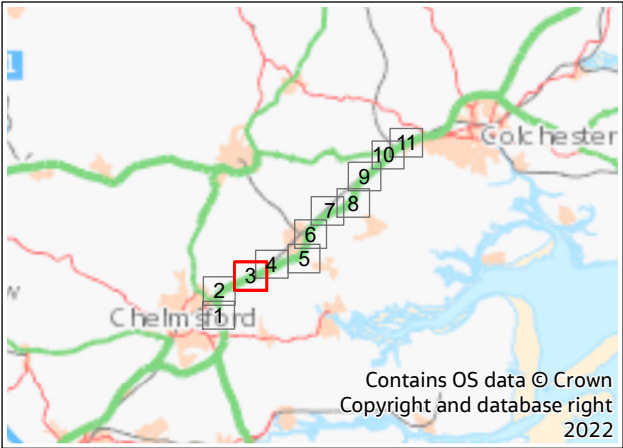
© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever in or in respect of any use of, or reliance upon, this drawing by any third party.


Contains OS data © Crown Copyright and database right 2022

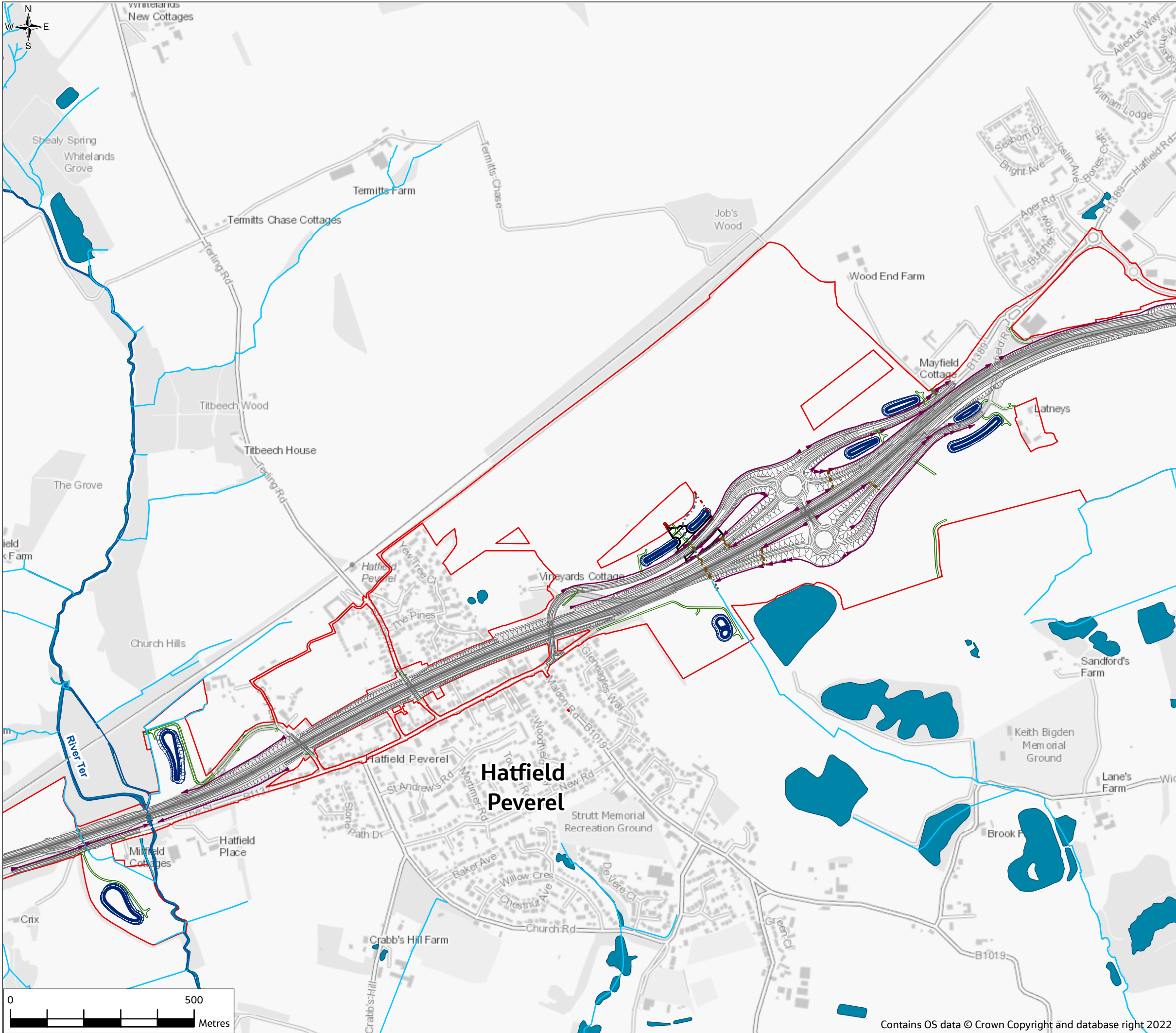


ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - Cut-off ditch
 - Scheme culverts
 - Private means of access and pond access tracks
 - Drainage ponds
- Water environment**
- Main River
 - Ordinary Watercourses
 - Existing water features (river, ponds, lakes and reservoirs)

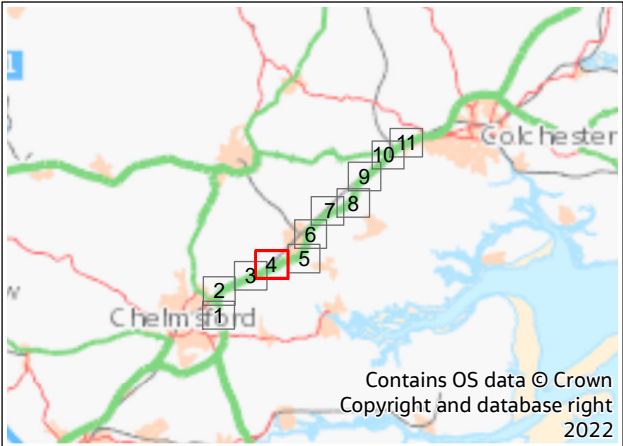



P01	20/07/22	For DCO application		JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number: TR010060/APP/6.3				APFP Regulation: Regulation 5(2)(e)			
<div>Client</div> <div></div>							
<div>Project</div> <div>REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME</div>							
<div>Drawing Title</div> <div>FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 3 OF 11</div>							
<div>Drawing Status</div> <div>S4 - SUITABLE FOR STAGE APPROVAL</div>							
Scale @ A3		1:10000		DO NOT SCALE Rev P01			
Jacobs No.		B36601D1					
Client No.		HE551497					
Drawing Number				HE551497-JAC-LDC-SCHW-SK-GI-0242			
<small>© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.</small>							



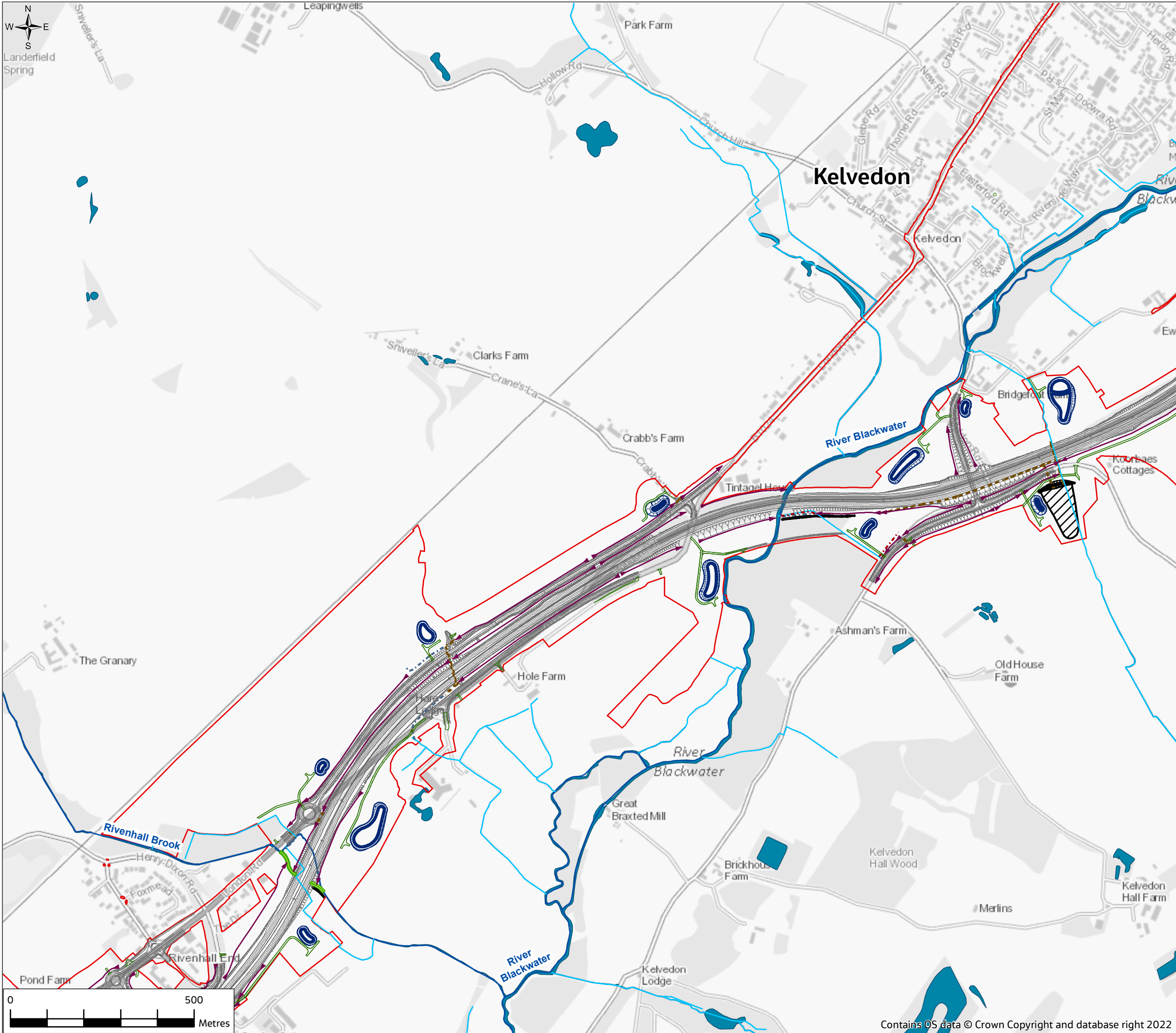
ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - Cut-off ditch
 - Scheme culverts
 - Private means of access and pond access tracks
- Water environment**
- Main River
 - Ordinary Watercourses
 - Abandoned watercourses
 - Realigned watercourses
 - Existing water features (river, ponds, lakes and reservoirs)



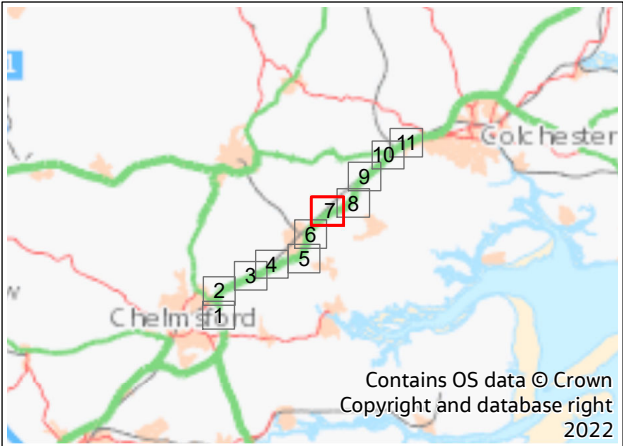
P01	20/07/22	For DCO application		JC	CW	DS	SG	
Rev.	Rev. Date	Purpose of revision			Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number:				APFP Regulation:				
TR010060/APP/6.3				Regulation 5(2)(e)				
Client								
<div>national highways</div>								
Project								
REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME								
Drawing Title								
FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 4 OF 11								
Drawing Status								
S4 - SUITABLE FOR STAGE APPROVAL								
Scale @ A3		1:10000			DO NOT SCALE Rev P01			
Jacobs No.		B36601D1						
Client No.		HE551497						
Drawing Number								
HE551497-JAC-LDC-SCHW-SK-GI-0243								
<small>© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.</small>								


Contains OS data © Crown Copyright and database right 2022

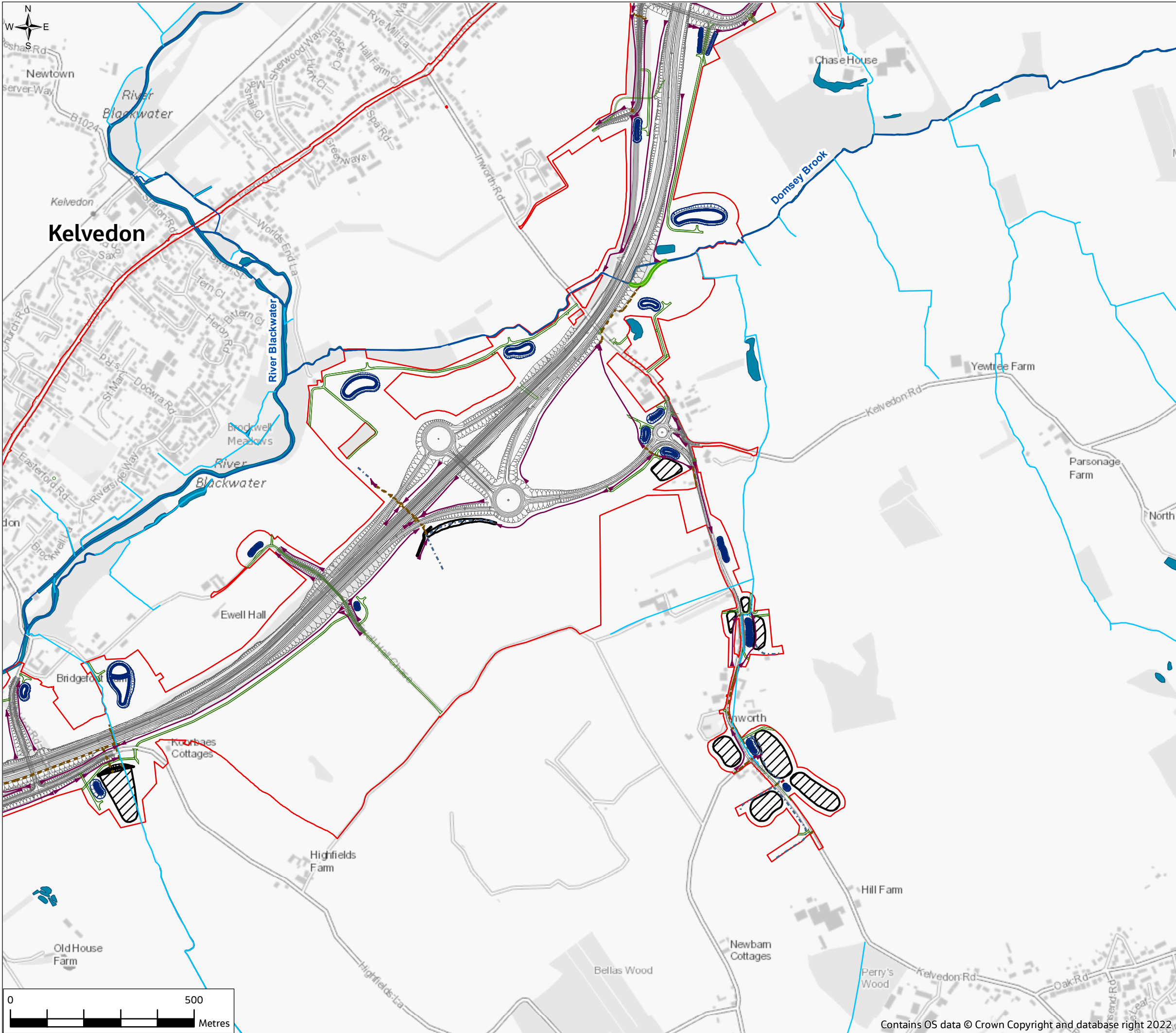


ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - Flood bund
 - River diversion
 - Cut-off ditch
 - Scheme culverts
 - Private means of access and pond access tracks
 - Drainage ponds
 - Flood mitigation area
- Water environment**
- Main River
 - Ordinary Watercourses
 - Abandoned watercourses
 - Realigned watercourses
 - Existing water features (river, ponds, lakes and reservoirs)

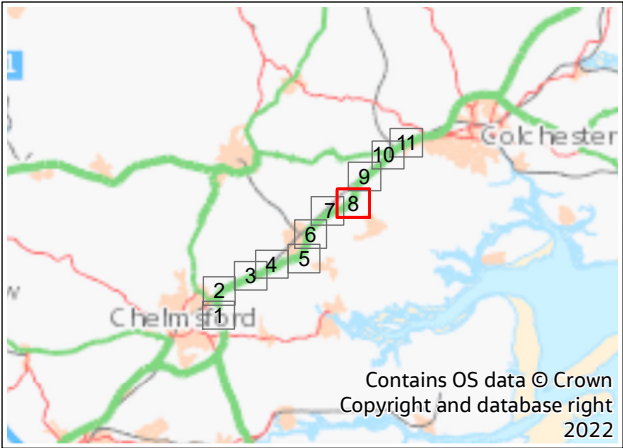



P01	20/07/22	For DCO application		JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number: TR010060/APP/6.3				APFP Regulation: Regulation 5(2)(e)			
Client							
<div>national highways</div>							
Project							
REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME							
Drawing Title							
FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 7 OF 11							
Drawing Status							
S4 - SUITABLE FOR STAGE APPROVAL							
Scale @ A3		1:10000			DO NOT SCALE		
Jacobs No.		B36601D1					
Client No.		HE551497			Rev P01		
Drawing Number							
HE551497-JAC-LDC-SCHW-SK-GI-0246							
<small>© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.</small>							

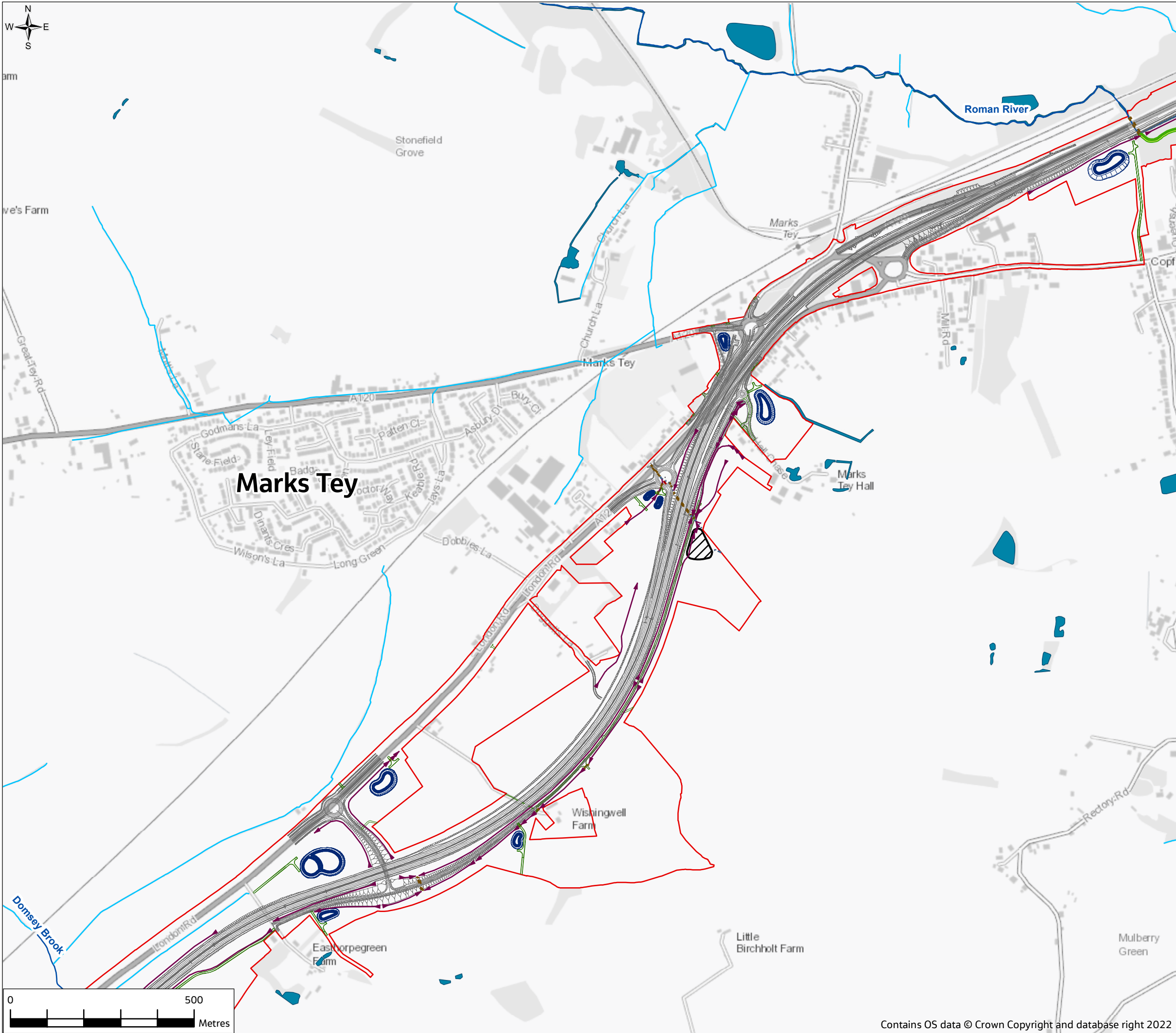


ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - Flood bund
 - River diversion
 - Cut-off ditch
 - Scheme culverts
 - Private means of access and pond access tracks
 - Drainage ponds
 - Flood mitigation area
- Water environment**
- Main River
 - Ordinary Watercourses
 - Abandoned watercourses
 - Realigned watercourses
 - Existing water features (river, ponds, lakes and reservoirs)

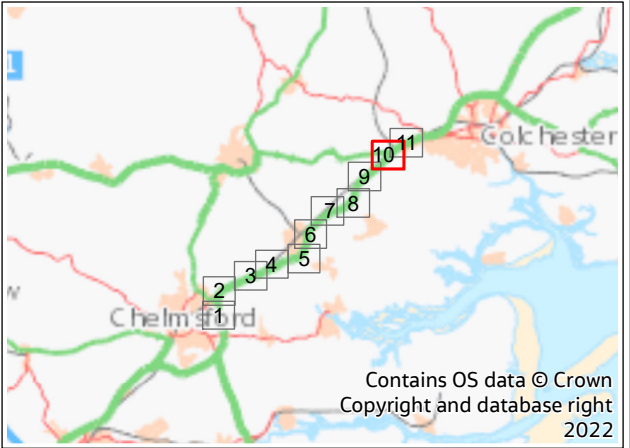



P01	20/07/22	For DCO application		JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number: TR010060/APP/6.3				APFP Regulation: Regulation 5(2)(e)			
Client							
Project							
REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME							
Drawing Title							
FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 8 OF 11							
Drawing Status							
S4 - SUITABLE FOR STAGE APPROVAL							
Scale @ A3		1:10000				DO NOT SCALE	
Jacobs No.		B36601D1					
Client No.		HE551497					
Drawing Number		Rev P01					
HE551497-JAC-LDC-SCHW-SK-GI-0247							
<small>© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing, by any third party.</small>							

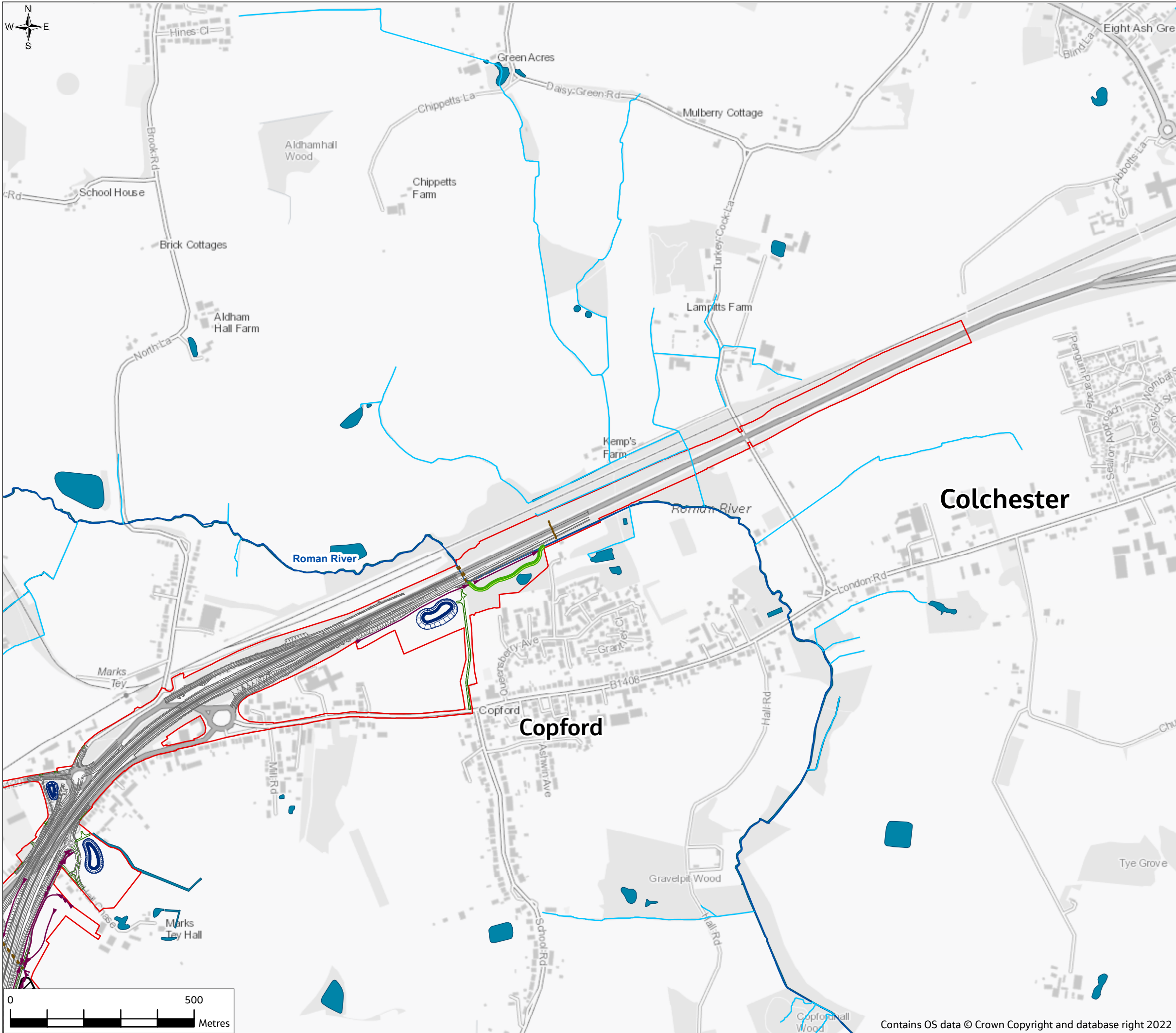


ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - River diversion
 - Cut-off ditch
 - Scheme culverts
 - Private means of access and pond access tracks
 - Drainage ponds
 - Flood mitigation area
- Water environment**
- Main River
 - Ordinary Watercourses
 - Abandoned watercourses
 - Realigned watercourses
 - Existing water features (river, ponds, lakes and reservoirs)

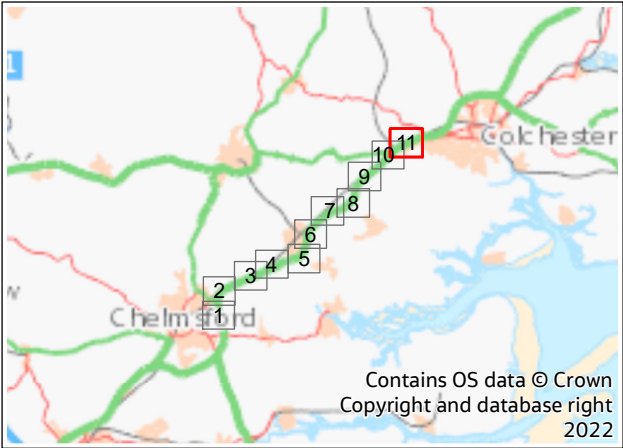



P01	20/07/22	For DCO application		JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number: TR010060/APP/6.3				APFP Regulation: Regulation 5(2)(e)			
Client							
Project							
REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME							
Drawing Title							
FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 10 OF 11							
Drawing Status							
S4 - SUITABLE FOR STAGE APPROVAL							
Scale @ A3		1:10000			DO NOT SCALE		
Jacobs No.		B36601D1					
Client No.		HE551497					
Drawing Number		Rev P01					
HE551497-JAC-LDC-SCHW-SK-GI-0249							
<small>© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.</small>							



ANNEX A

- Legend**
- Proposed scheme**
- Order Limits
 - Scheme
 - River diversion
 - Cut-off ditch
 - Scheme culverts
 - Private means of access and pond access tracks
 - Drainage ponds
 - Flood mitigation area
- Water environment**
- Main River
 - Ordinary Watercourses
 - Realigned watercourses
 - Existing water features (river, ponds, lakes and reservoirs)



P01	20/07/22	For DCO application		JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Drawing Number: TR010060/APP/6.3				APFP Regulation: Regulation 5(2)(e)			
<div>Client</div> <div></div>							
<div>Project</div> <div>REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME</div>							
<div>Drawing Title</div> <div>FLOOD RISK ASSESSMENT ANNEX A PROPOSED SCHEME (OPERATIONAL ELEMENTS) SHEET 11 OF 11</div>							
<div>Drawing Status</div> <div>S4 - SUITABLE FOR STAGE APPROVAL</div>							
Scale @ A3		1:10000		DO NOT SCALE Rev P01			
Jacobs No.		B36601D1					
Client No.		HE551497					
Drawing Number				HE551497-JAC-LDC-SCHW-SK-GI-0250			
<small>© Copyright 2022 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of any use of, or reliance upon, this drawing by any third party.</small>							