

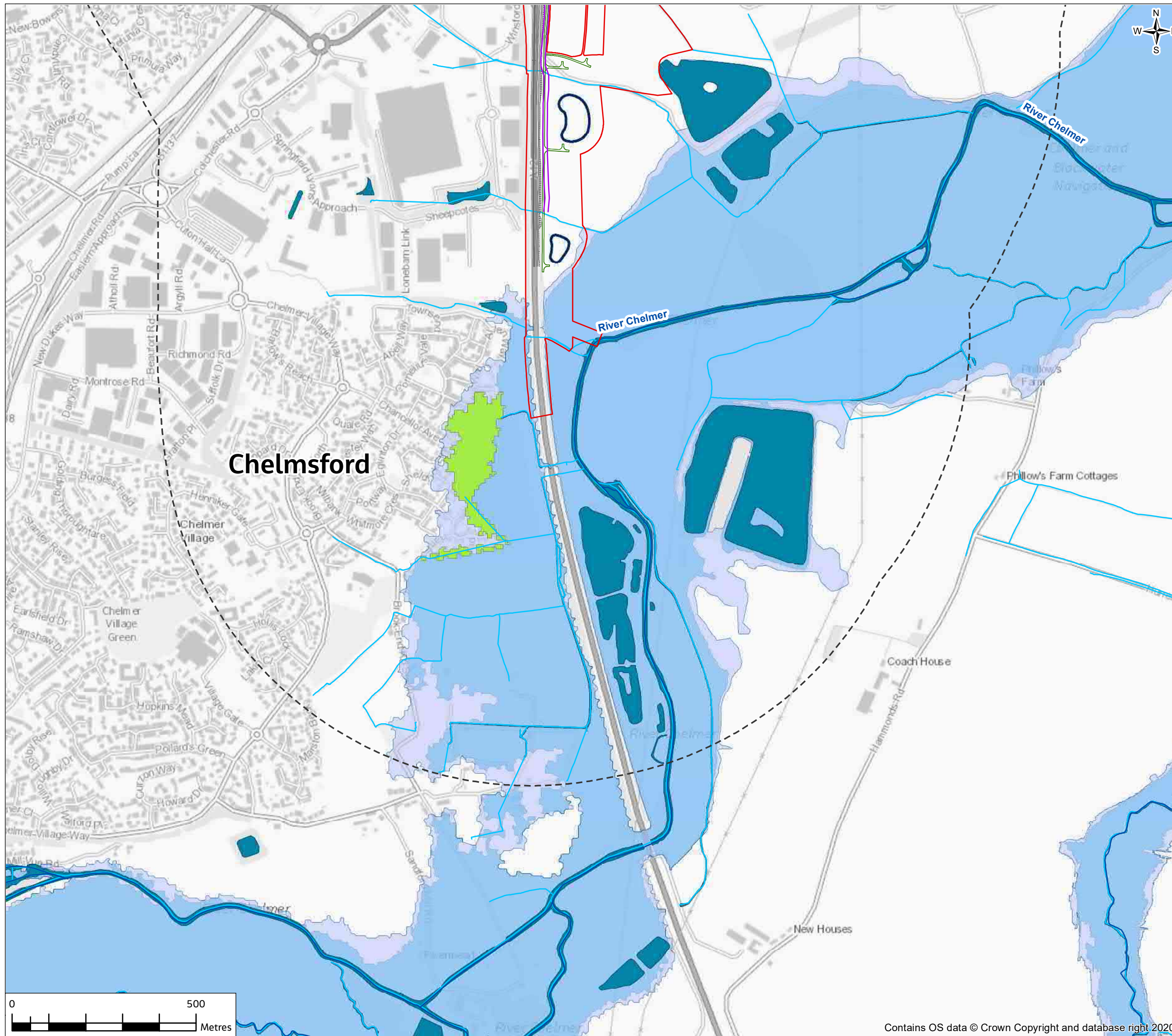
A12 Chelmsford to A120 widening scheme

**PRELIMINARY ENVIRONMENTAL
INFORMATION REPORT**

**CHAPTER 14 – ROAD DRAINAGE AND THE WATER
ENVIRONMENT**

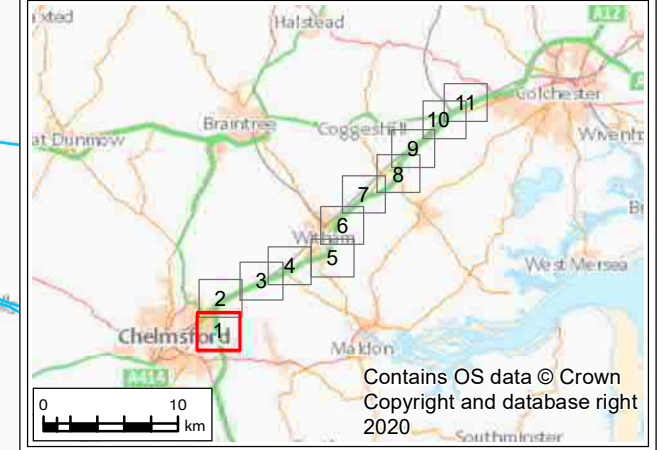
FIGURES SECTION 2 OF 3

FIGURE 14.4



- Legend**
- Provisional Order Limits
 - Study Area
 - Proposed Scheme
 - Realigned Walking, Cycling and Horse Riding route
 - Indicative Haul Routes
 - Access Tracks to Proposed Drainage Ponds
 - Main River
 - Ordinary watercourses
 - Proposed river diversion
 - Existing Water Features (river, ponds, lakes and reservoirs)
 - Proposed drainage ponds
 - Proposed Borrow Pits
 - Proposed compounds and laydown areas
 - Areas benefiting from flood defences
 - Flood Map for Planning Rivers and Sea Flood Zone 2
 - Flood Map for Planning Rivers and Sea Flood Zone 3

Note:
Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.

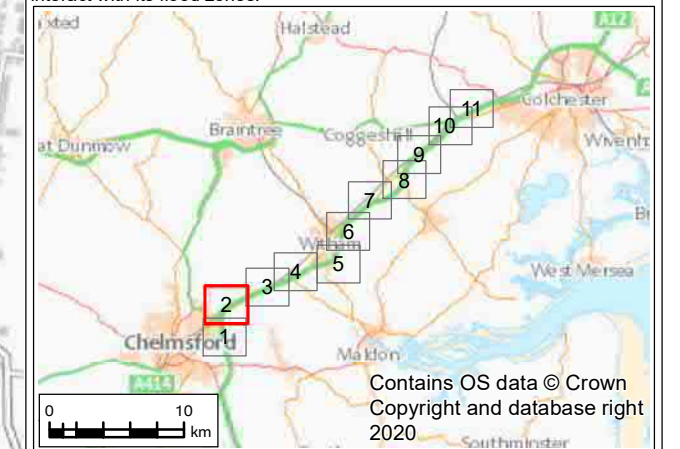


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A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING FLUVIAL FLOOD RISK SHEET 1 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3	1:10000					DO NOT SCALE
Jacobs No.	B36601D1					Rev P01
Client No.	HE551497					
Drawing Number						
HE551497-JAC-EWE-SCHW-SK-GI-0114						

FIGURE 14.4

- Legend**
- Provisional Order Limits
 - Proposed Scheme
 - Study Area
 - Realigned Walking, Cycling and Horse Riding route
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 - Main River
 - Ordinary watercourses
 - Proposed river diversion
 - Existing Water Features (river, ponds, lakes and reservoirs)
 - Proposed drainage ponds
 - Proposed Borrow Pits
 - Proposed compounds and laydown areas
 - Modelled fluvial flood extents**
 - 1% (1 in 100) AEP plus draft updated climate change allowance
 - 1% (1 in 100) AEP plus published climate change allowance (65%)
 - 1% (1 in 100) AEP
 - 5% (1 in 20) AEP
 - Hydraulic Models Extent**
 - Boreham Brook

Note:
Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.



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Client

Project
A12 CHELMSFORD TO A120 WIDENING SCHEME

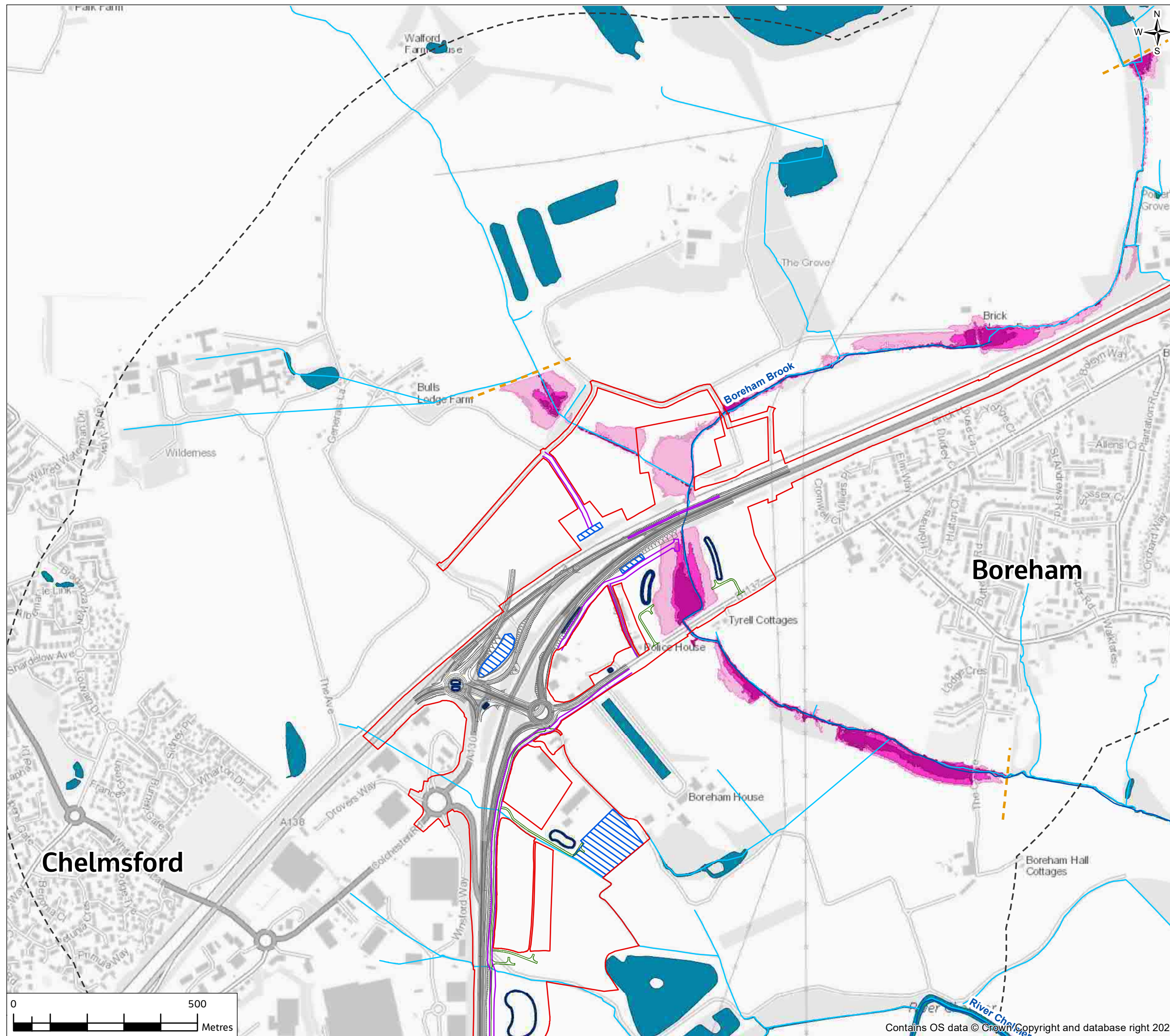
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PEIR
EXISTING FLUVIAL FLOOD RISK
SHEET 2 OF 11

Drawing Status
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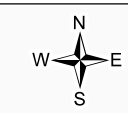
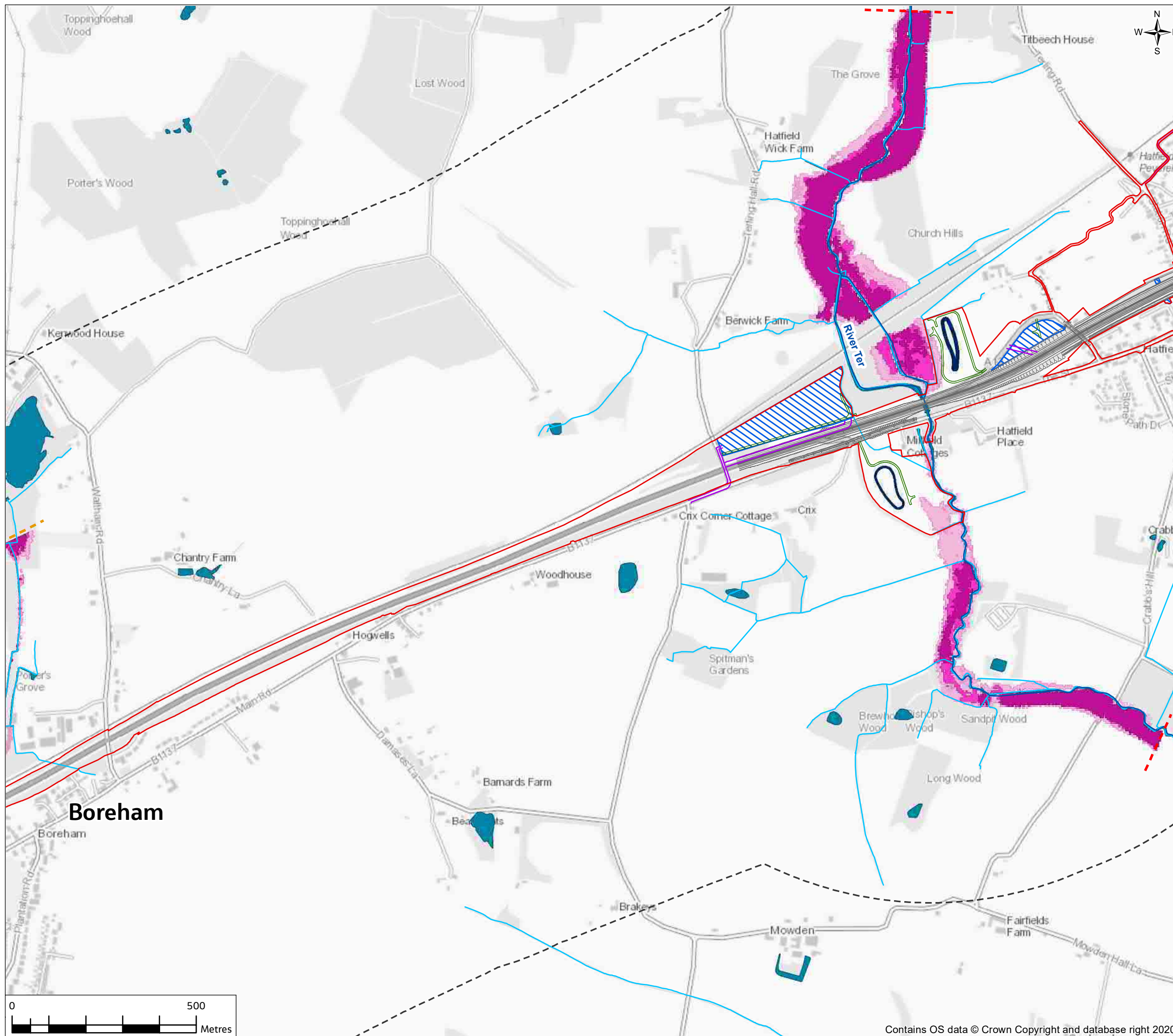
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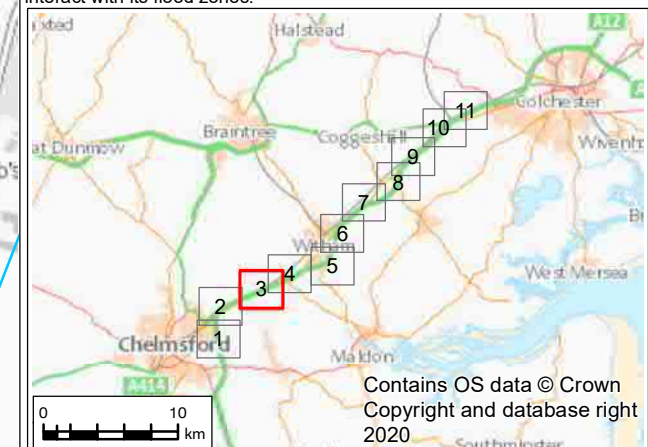
FIGURE 14.4



Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed river diversion
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Modelled fluvial flood extents**
- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- Boreham Brook
- River Ter

Note:
Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.



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A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing Title

PEIR
EXISTING FLUVIAL FLOOD RISK
SHEET 3 OF 11

Drawing Status

S4 - SUITABLE FOR STAGE APPROVAL

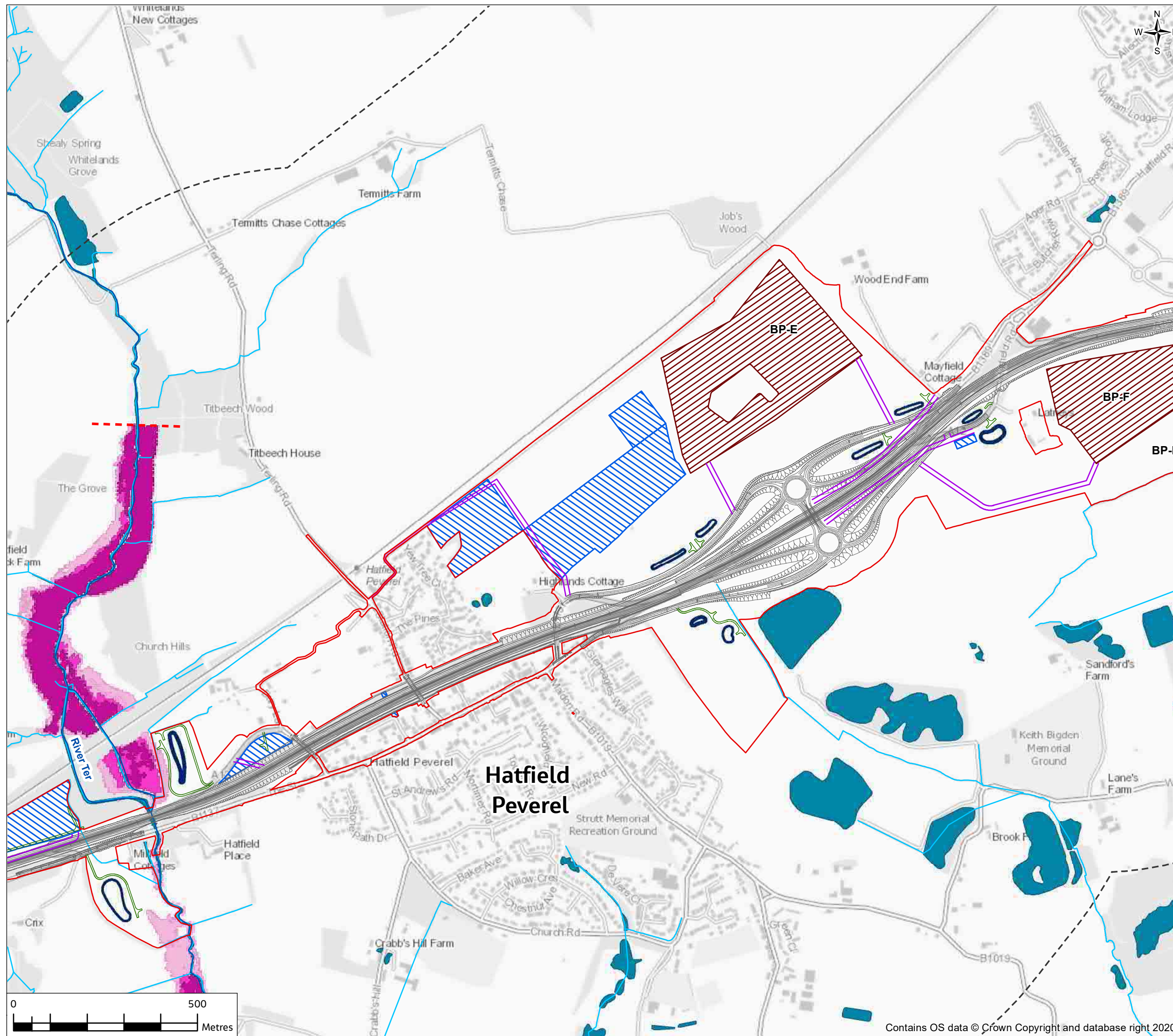
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FIGURE 14.4



Legend

- Provisional Order Limits
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- Ordinary watercourses
- Proposed river diversion
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas

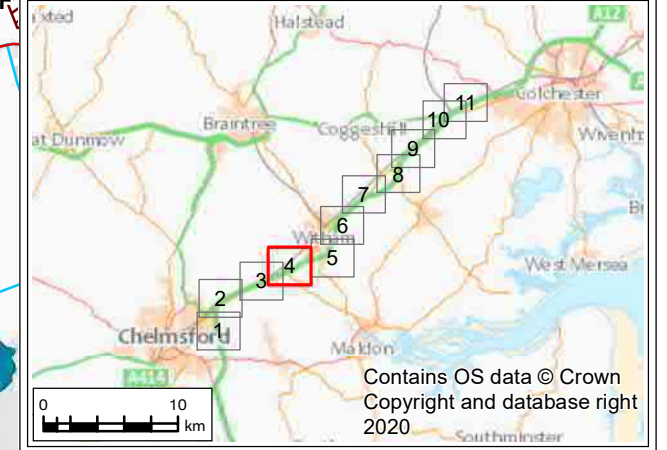
Modelled fluvial flood extents

- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP

Hydraulic Models Extent

- River Ter

Note:
Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.

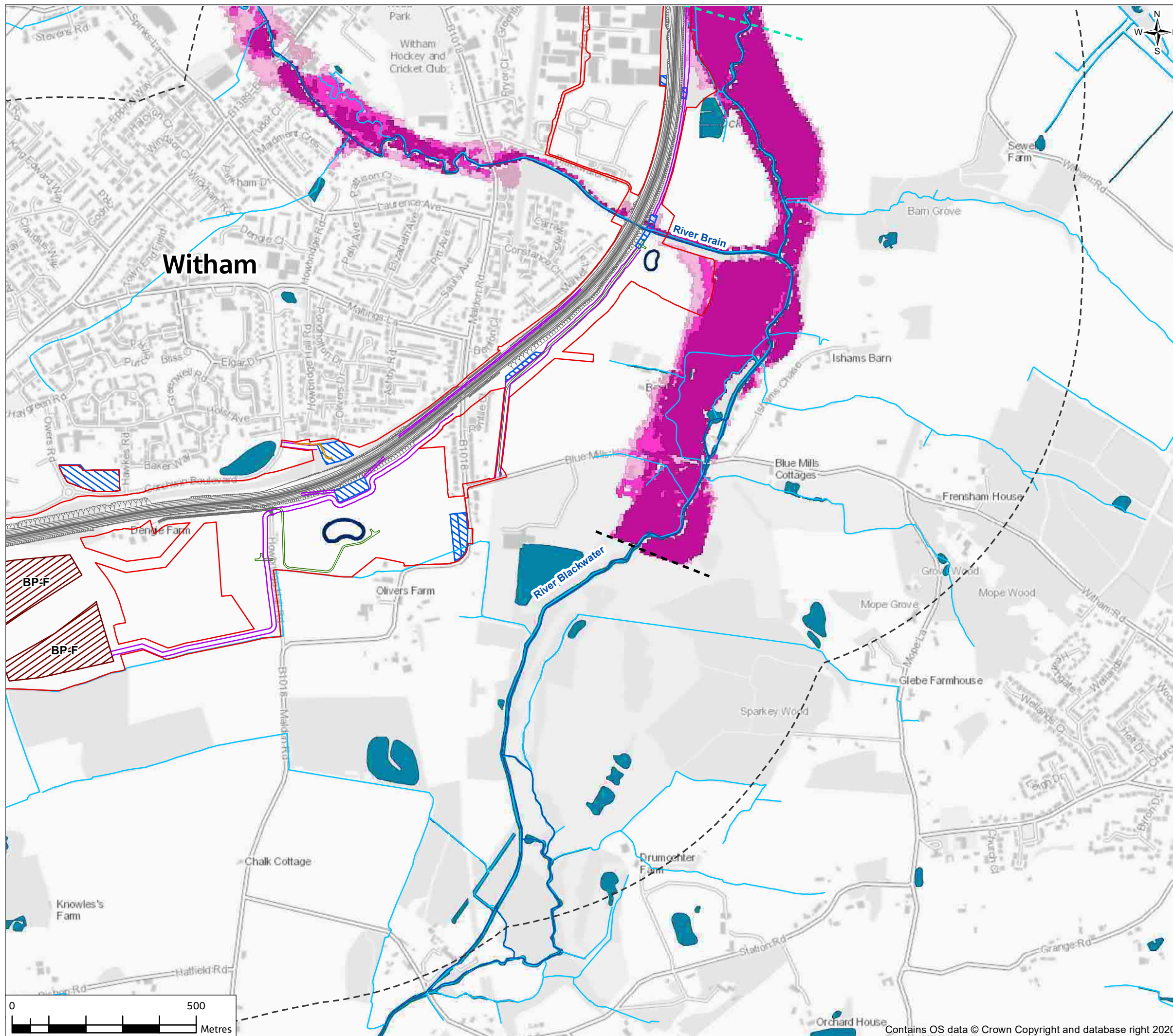


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A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING FLUVIAL FLOOD RISK SHEET 4 OF 11						
Drawing Status						
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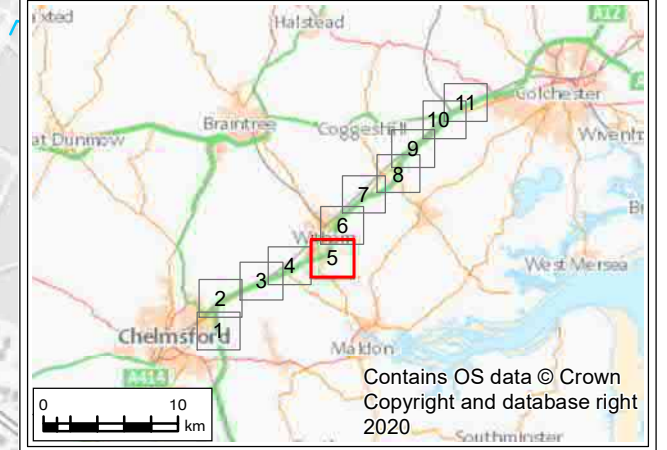
FIGURE 14.4



Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
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- Ordinary watercourses
- Proposed river diversion
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Modelled fluvial flood extents**
- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- River Blackwater
- River Brain

Note: Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.

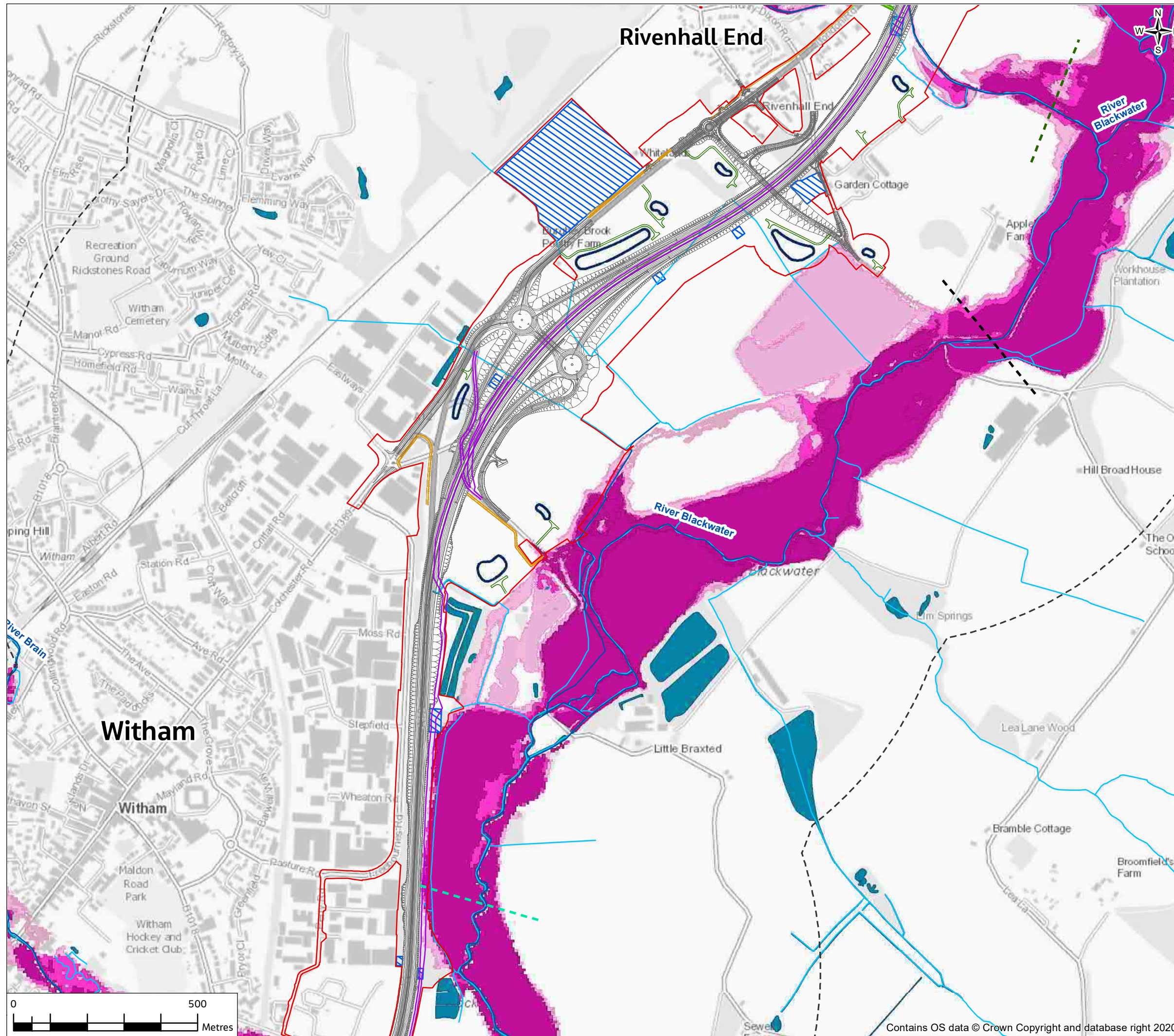


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Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING FLUVIAL FLOOD RISK SHEET 5 OF 11						
Drawing Status						
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Rivenhall End

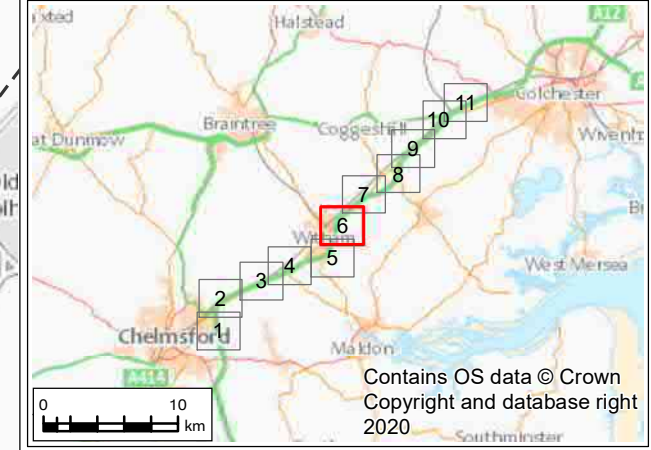
FIGURE 14.4



Legend

- Provisional Order Limits
- Study Area
- Realigned Walking, Cycling and Horse Riding route
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- Proposed compounds and laydown areas
- Modelled fluvial flood extents**
- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- Rivenhall Brook
- River Blackwater
- River Brain

Note: Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.



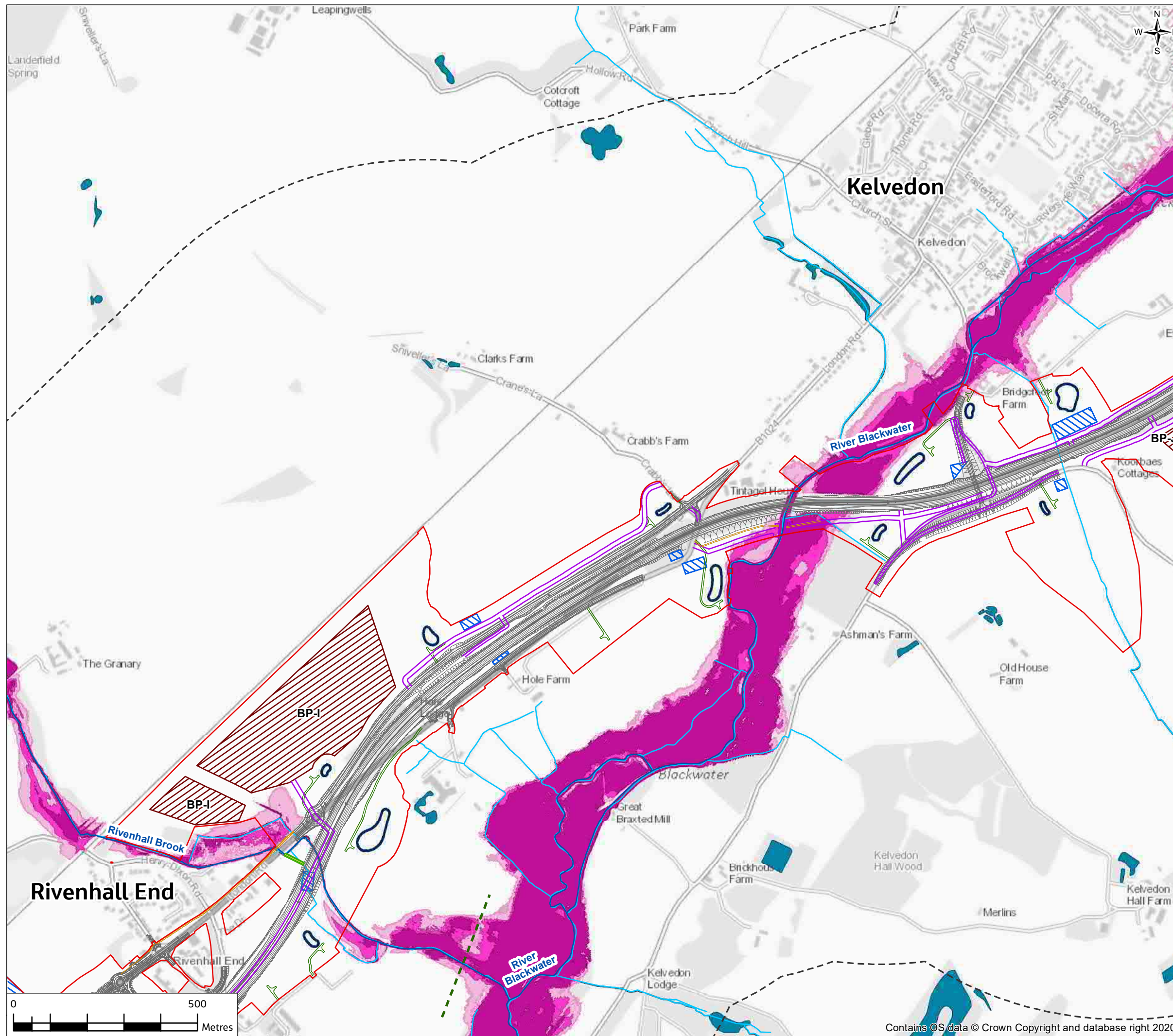
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A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING FLUVIAL FLOOD RISK SHEET 6 OF 11						
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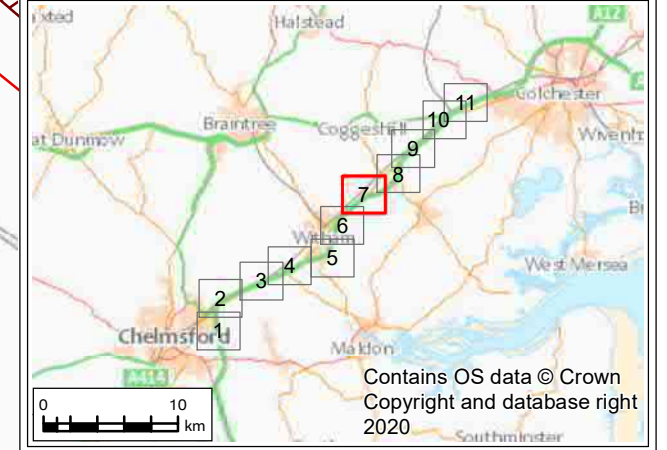
FIGURE 14.4



Legend

- Provisional Order Limits
- Proposed Scheme
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- Proposed drainage ponds
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- Proposed compounds and laydown areas
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- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- Rivenhall Brook

Note: Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.

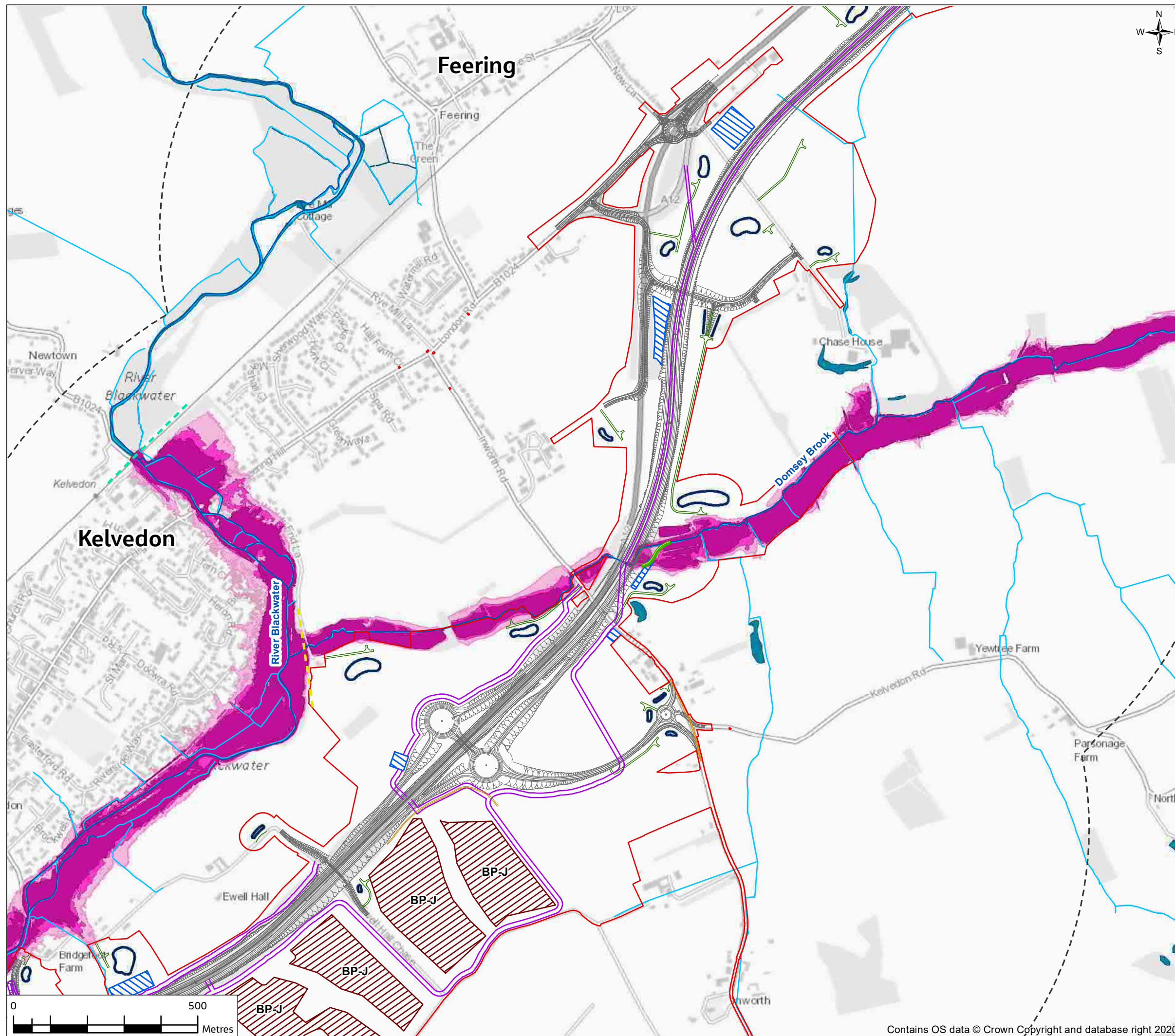
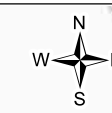


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Drawing Title						
PEIR EXISTING FLUVIAL FLOOD RISK SHEET 7 OF 11						
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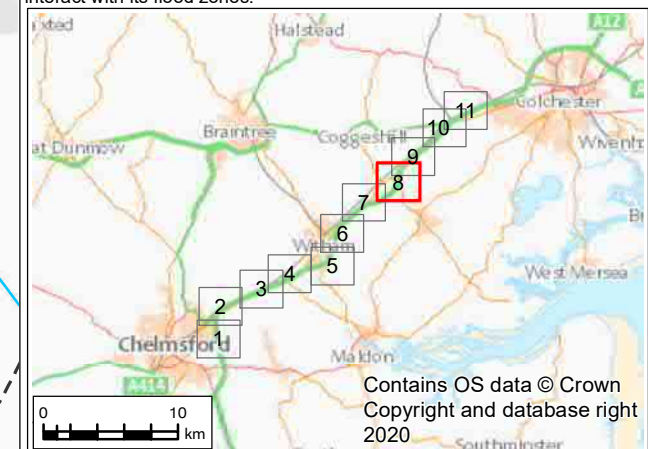
FIGURE 14.4



Legend

- Provisional Order Limits
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- Realigned Walking, Cycling and Horse Riding route
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- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- Domsey Brook
- River Blackwater

Note:
Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.



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A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing Title

**PEIR
EXISTING FLUVIAL FLOOD RISK
SHEET 8 OF 11**

Drawing Status

S4 - SUITABLE FOR STAGE APPROVAL

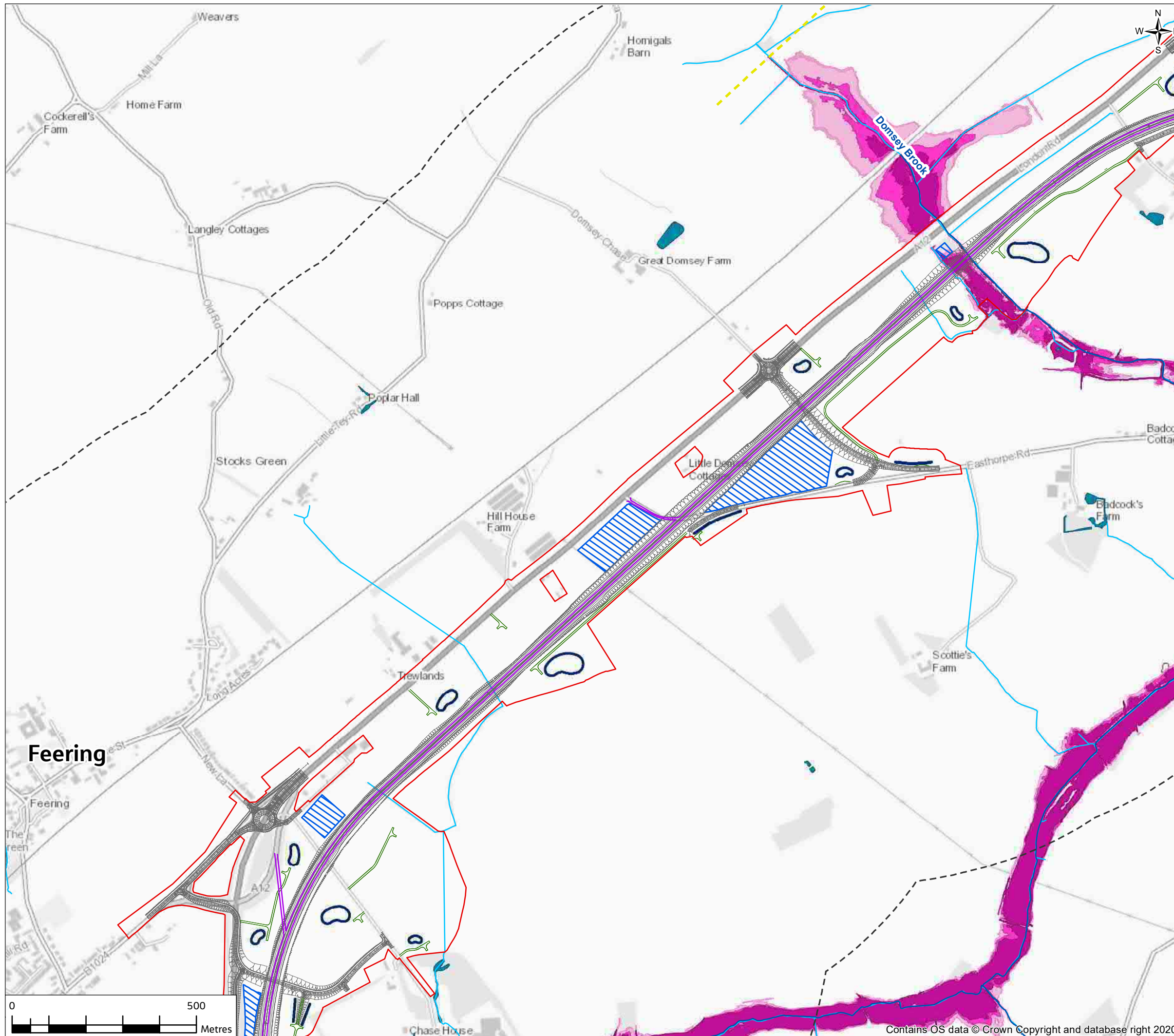
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FIGURE 14.4



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- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas

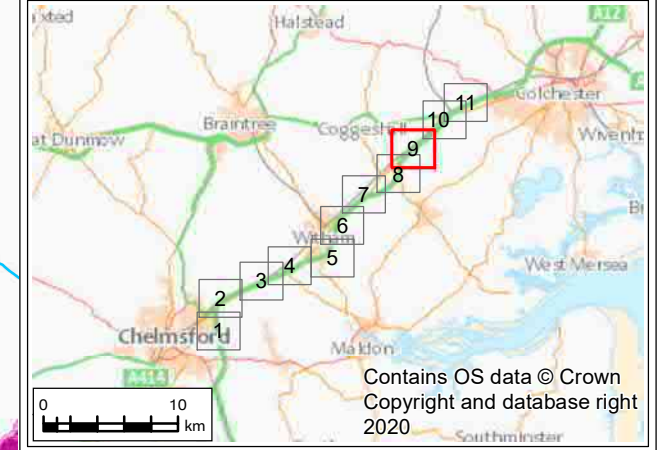
Modelled fluvial flood extents

- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP

Hydraulic Models Extent

- Domsey Brook

Note:
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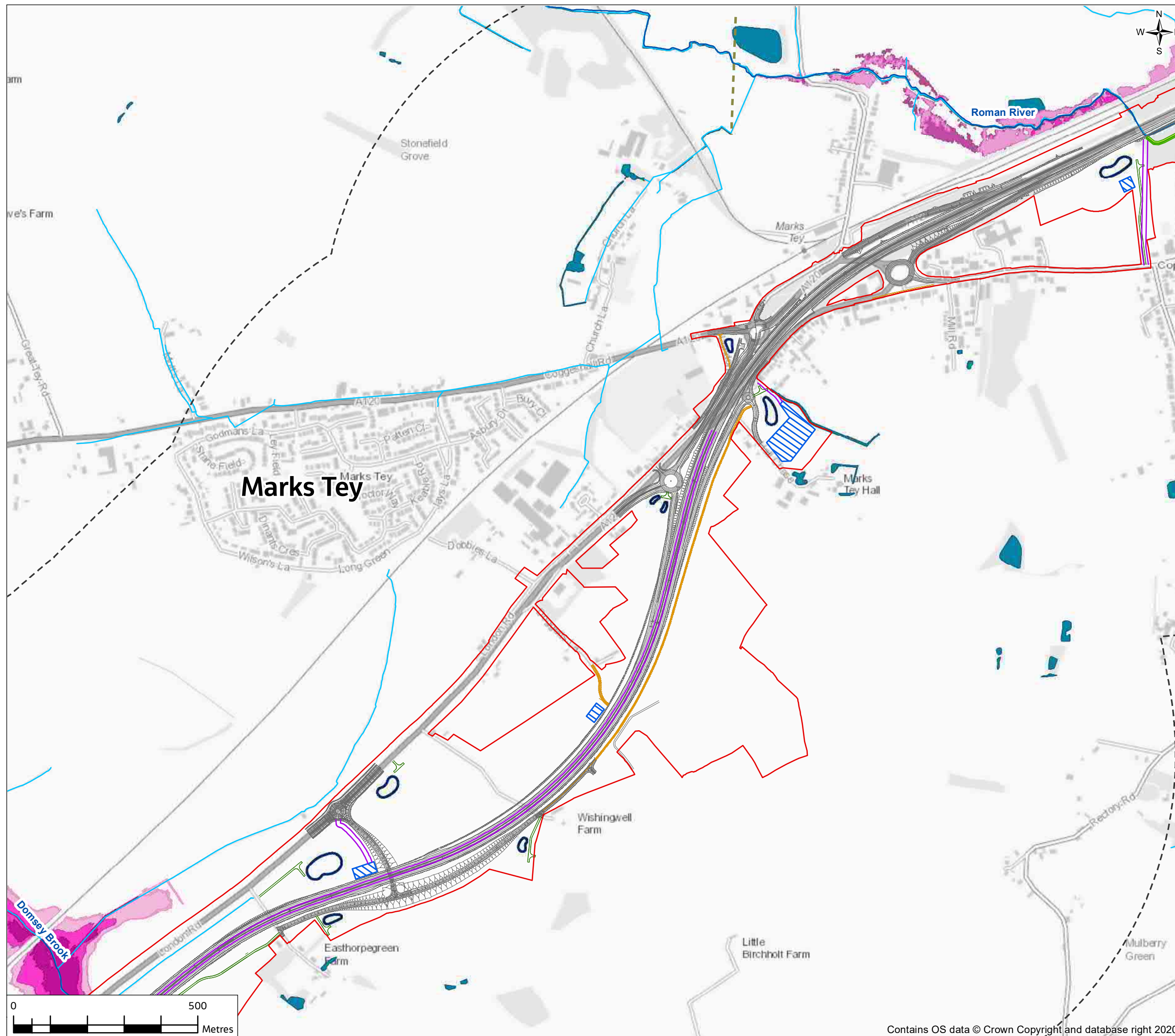
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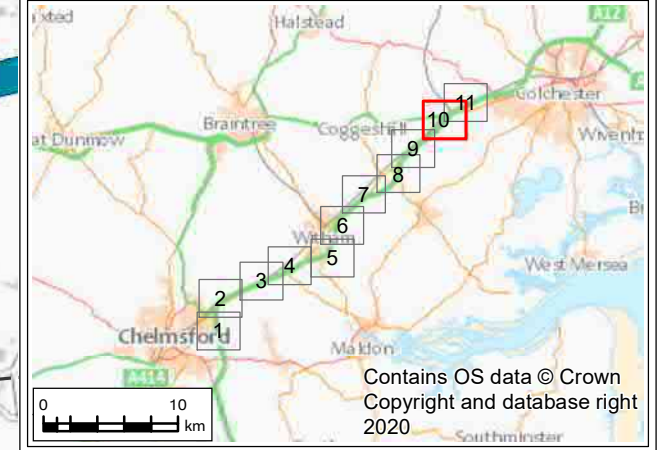
FIGURE 14.4



Legend

- Provisional Order Limits
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- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- Roman River

Note:
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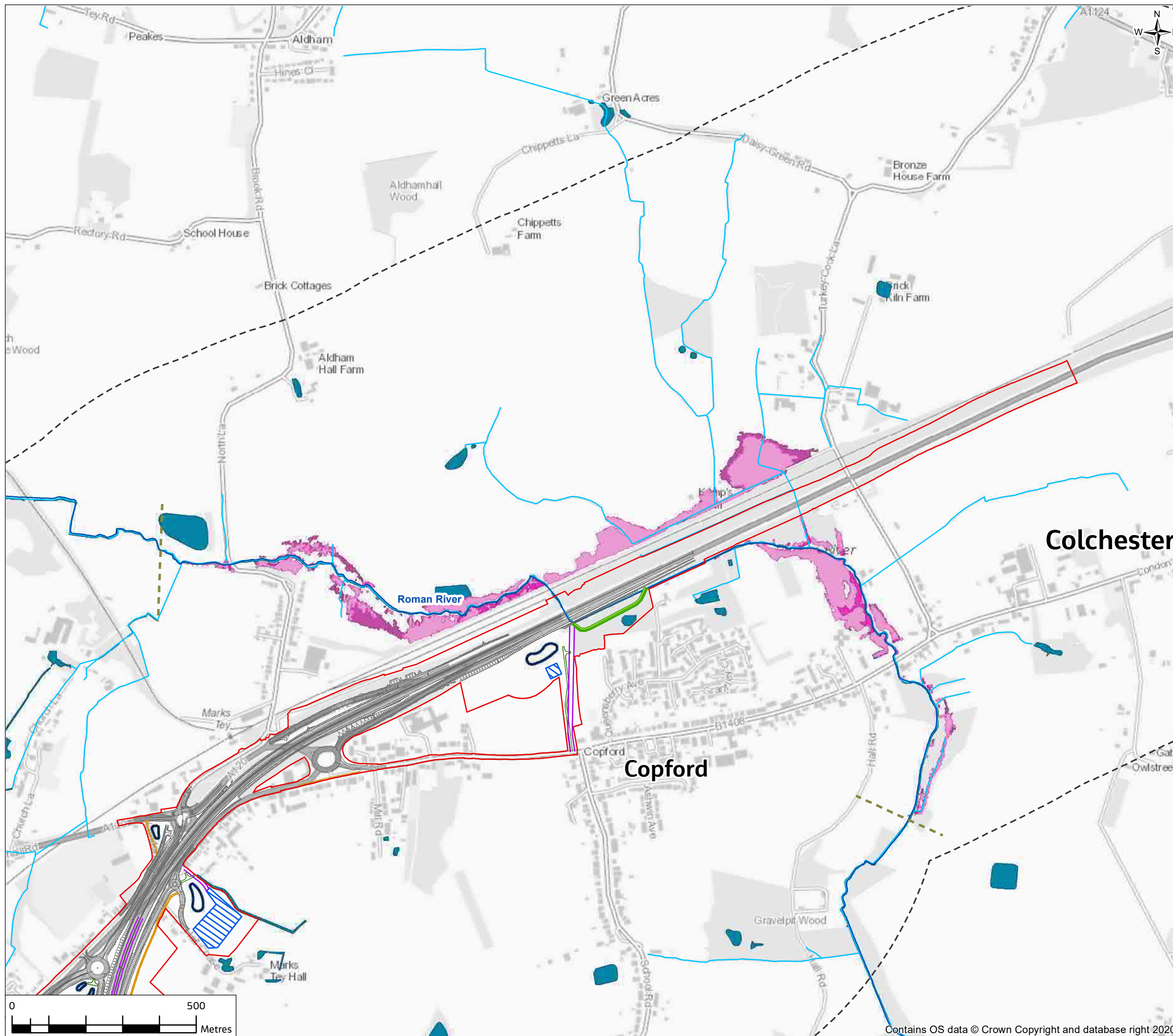


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Project						
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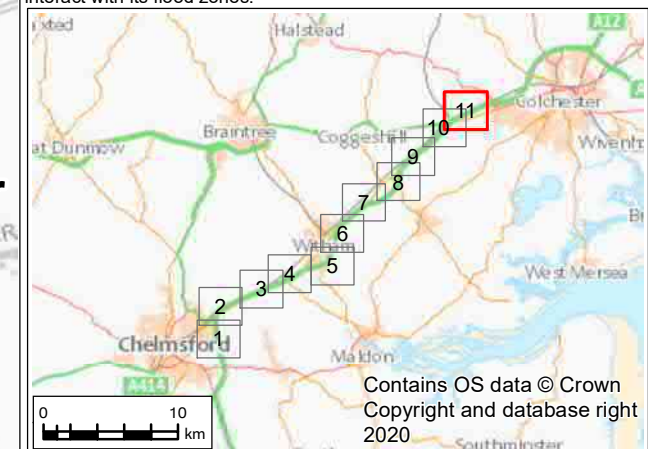
FIGURE 14.4



Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed river diversion
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Modelled fluvial flood extents**
- 1% (1 in 100) AEP plus draft updated climate change allowance
- 1% (1 in 100) AEP plus published climate change allowance (65%)
- 1% (1 in 100) AEP
- 5% (1 in 20) AEP
- Hydraulic Models Extent**
- Roman River

Note:
Hydraulic modelling has been undertaken to inform the PEIR to refine the assessment of fluvial flood risk of all main rivers within the study area, with the exception of the River Chelmer as the Proposed Scheme does not interact with its flood zones.



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Client

Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing Title

**PEIR
EXISTING FLUVIAL FLOOD RISK
SHEET 11 OF 11**

Drawing Status

S4 - SUITABLE FOR STAGE APPROVAL

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

Drawing Number

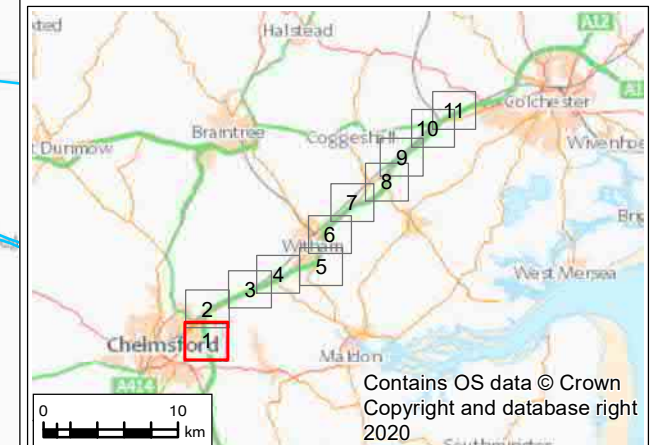
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FIGURE 14.5

Legend

- Provisional Order Limits
 - Proposed Scheme
 - Study Area
 - Indicative Haul Routes
 - Access Tracks to Proposed Drainage Ponds
 - Main River
 - Ordinary watercourses
 - Proposed Scheme Culverts
 - Drainage Ditches
 - Existing Water Features (river, ponds, lakes and reservoirs)
 - Proposed drainage ponds
- Cut-Off Ditches**
- Existing Ditch / Watercourse (realigned)
- EA Risk of Flooding From Surface Water**
- 1% (1 in 100) AEP Event (Medium Risk)
 - 0.1% (1 in 1000) AEP Event (Low Risk)
 - 3.3% (1 in 30) AEP Event (High Risk)



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Client

Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing Title

PEIR
EXISTING SURFACE WATER FLOOD RISK
SHEET 1 OF 11

Drawing Status

S4 - SUITABLE FOR STAGE APPROVAL

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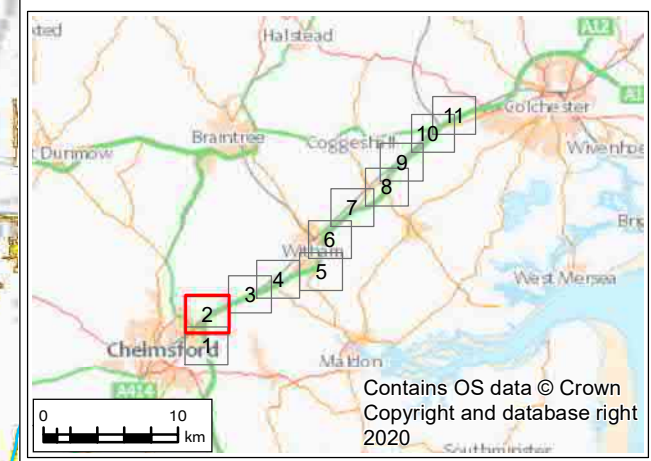
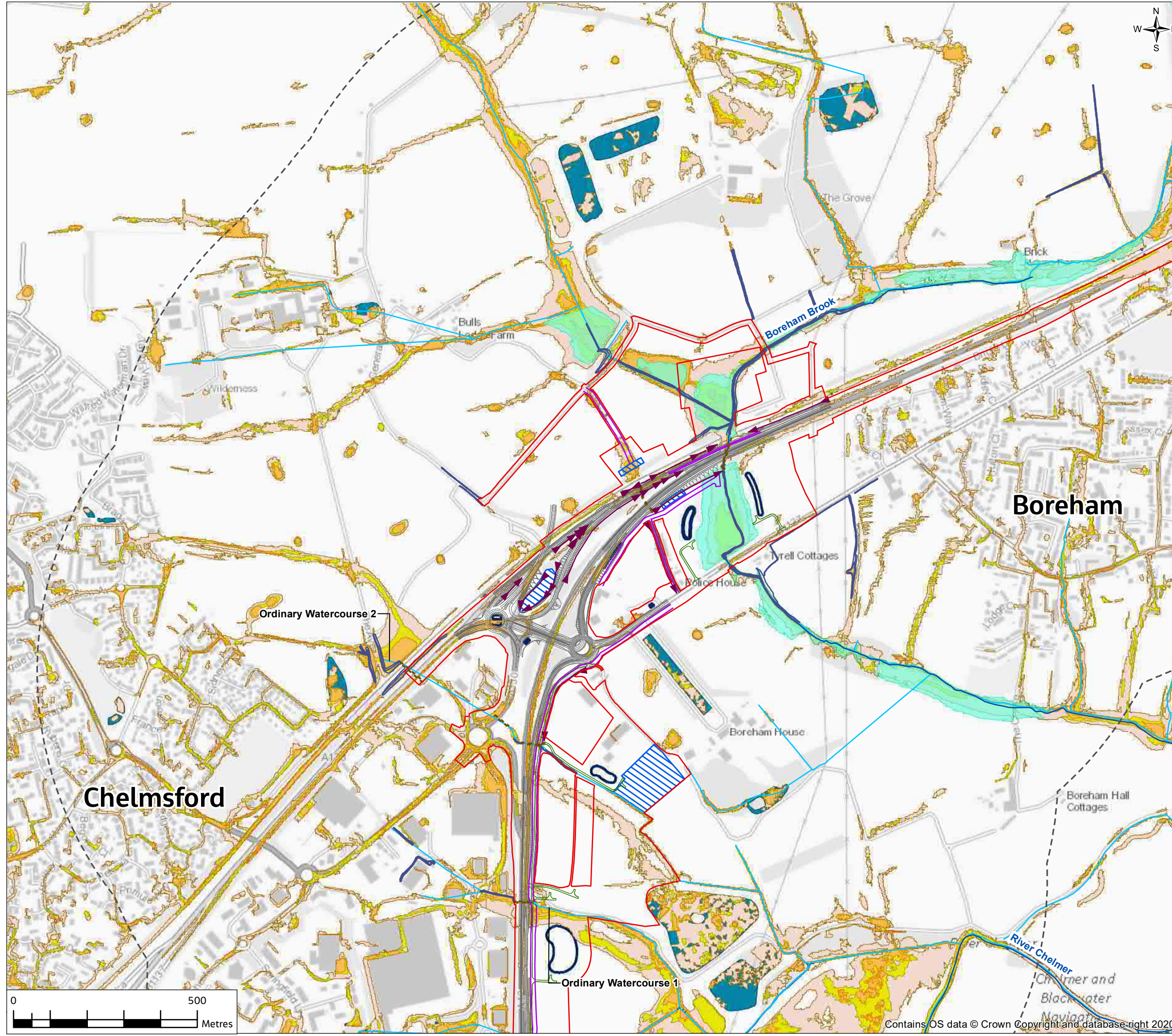


FIGURE 14.5



Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed compounds and laydown areas
- Modelled main river 1% (1 in 100) AEP plus latest published Environment Agency climate change uplift (65%) extent
- Cut-Off Ditches**
 - Proposed Cut-off ditch
 - Existing Ditch / Watercourse (realigned)
- EA Risk of Flooding From Surface Water**
 - 3.3% (1 in 30) AEP Event (High Risk)
 - 1% (1 in 100) AEP Event (Medium Risk)
 - 0.1% (1 in 1000) AEP Event (Low Risk)



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Client

Project

A12 CHELMSFORD TO A120 WIDENING SCHEME

Drawing Title

**PEIR
EXISTING SURFACE WATER FLOOD RISK
SHEET 2 OF 11**

Drawing Status

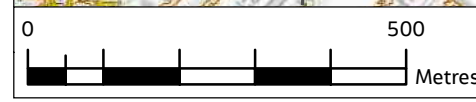
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Client No.	HE551497	

Drawing Number

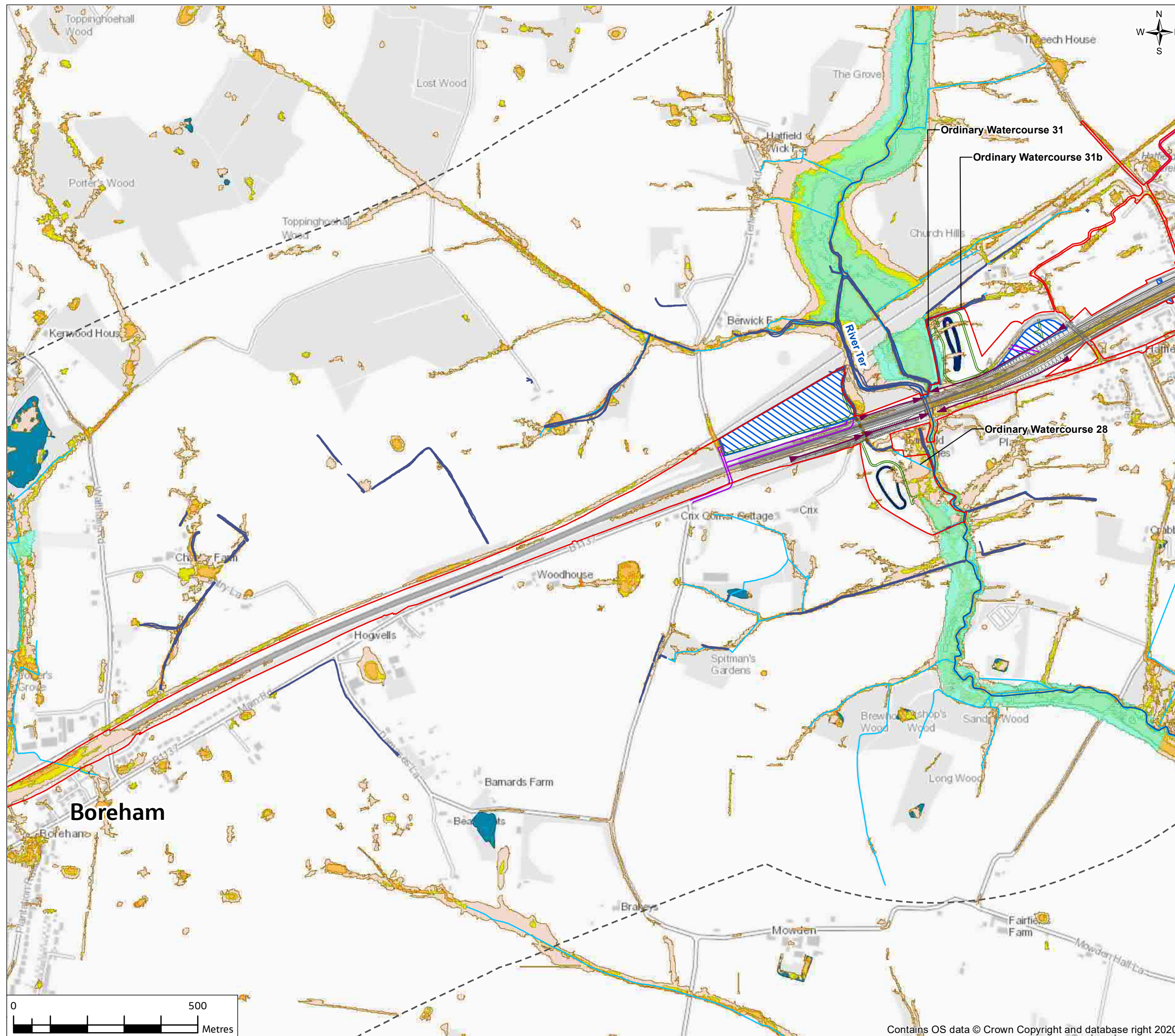
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FIGURE 14.5



Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed compounds and laydown areas

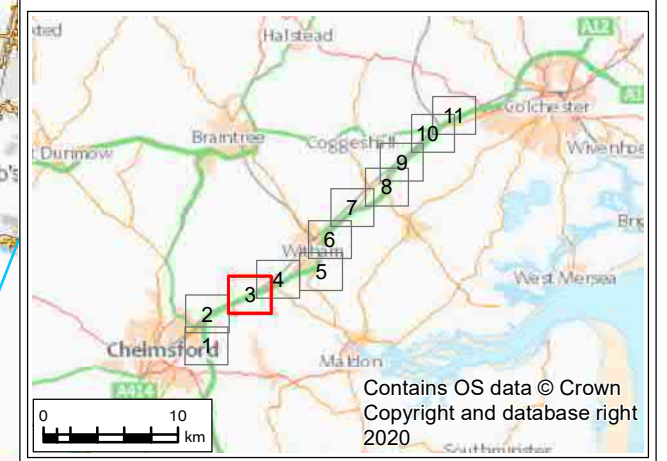
Cut-Off Ditches

- Proposed Cut-off ditch

EA Risk of Flooding From Surface Water

- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)

Modelled main river 1% (1 in 100) AEP plus latest published Environment Agency climate change uplift (65%) extent



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A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 3 OF 11						
Drawing Status						
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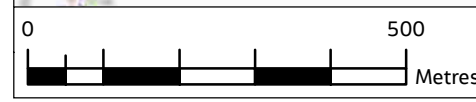
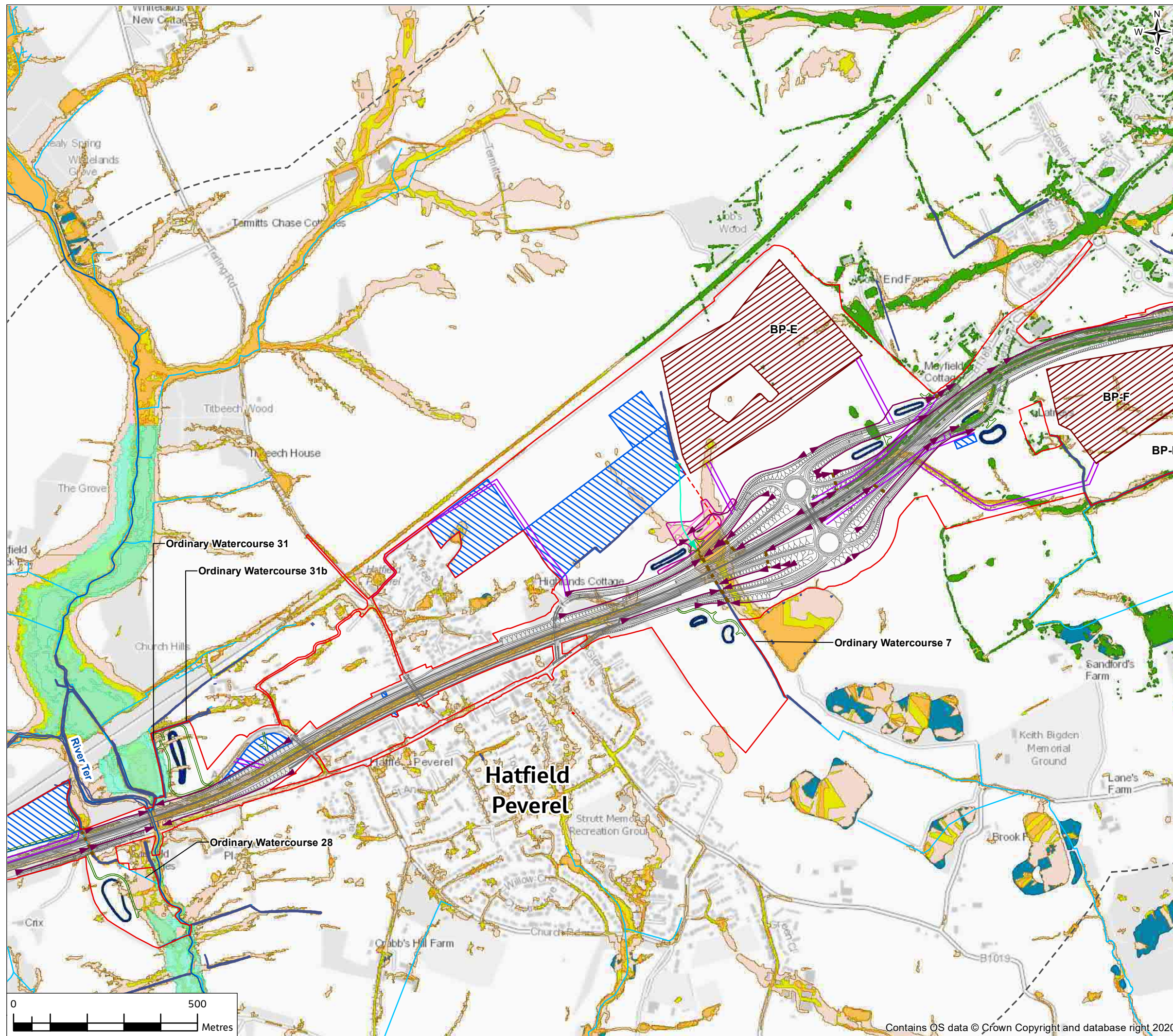
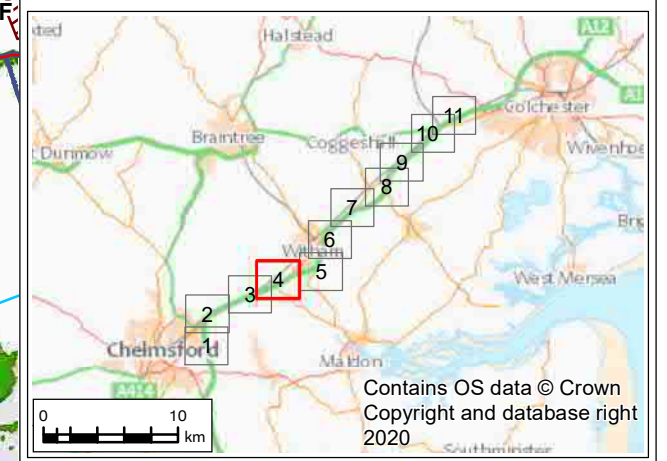


FIGURE 14.5

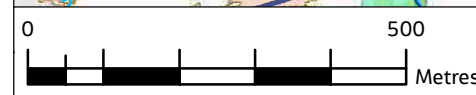


Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Flood Plain Compensation for ordinary watercourse (indicative)
- Braintree SWMP modelling (1 in 20 AEP + CC) >50mm flood depth
- Cut-Off Ditches**
- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- Existing Ditch / Watercourse (to be abandoned)
- EA Risk of Flooding From Surface Water**
- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)



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Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
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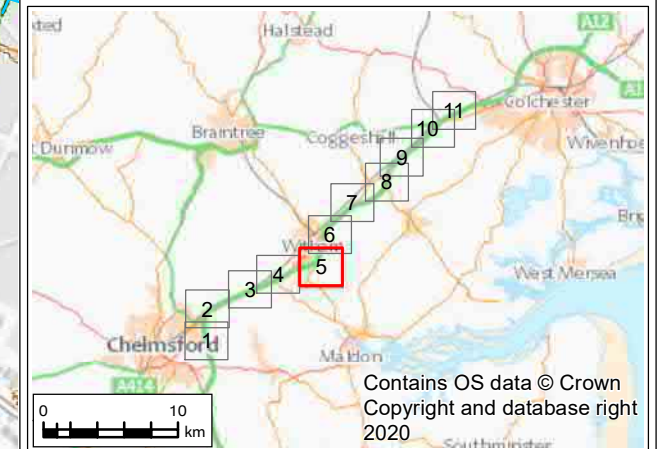
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FIGURE 14.5

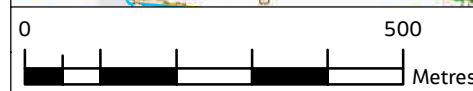


Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Braintree SWMP modelling (1 in 20 AEP + CC) >50mm flood depth
- Cut-Off Ditches**
- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- EA Risk of Flooding From Surface Water**
- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)



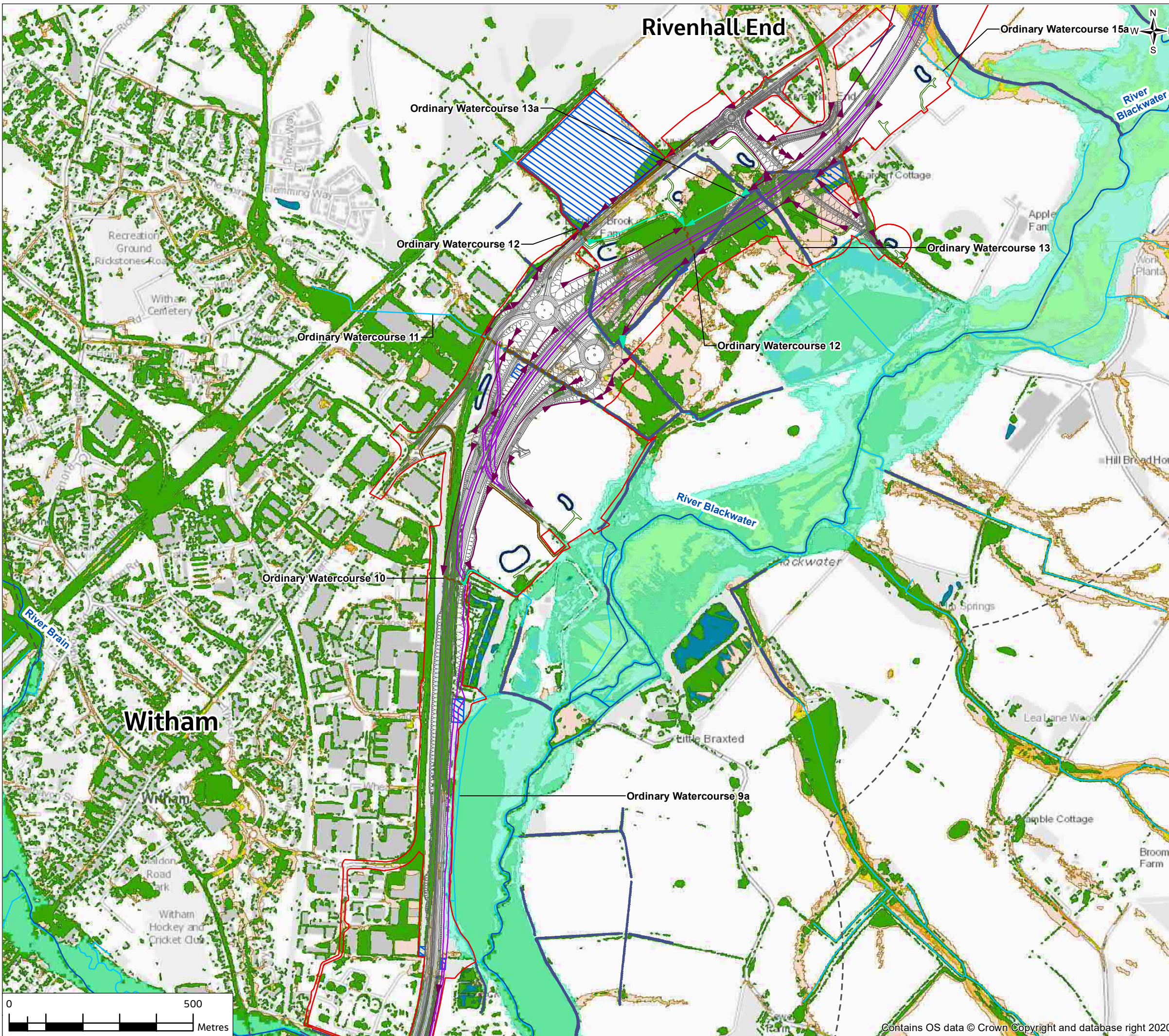
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PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 5 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
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Rivenhall End

FIGURE 14.5



Legend

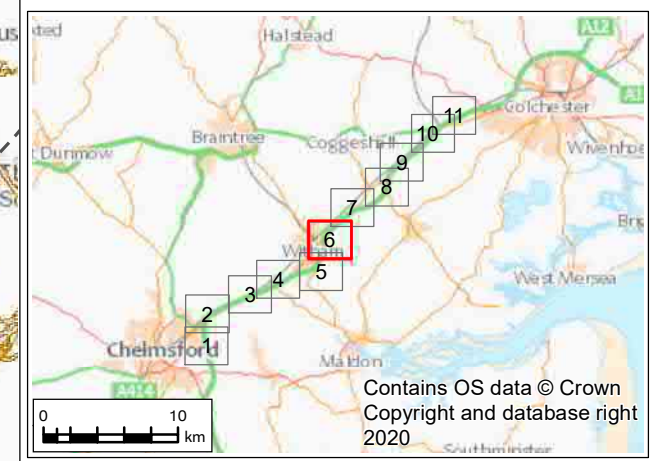
- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed compounds and laydown areas
- Braintree SWMP modelling (1 in 20 AEP + CC) >50mm flood depth

Cut-Off Ditches

- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- Existing Ditch / Watercourse (to be abandoned)

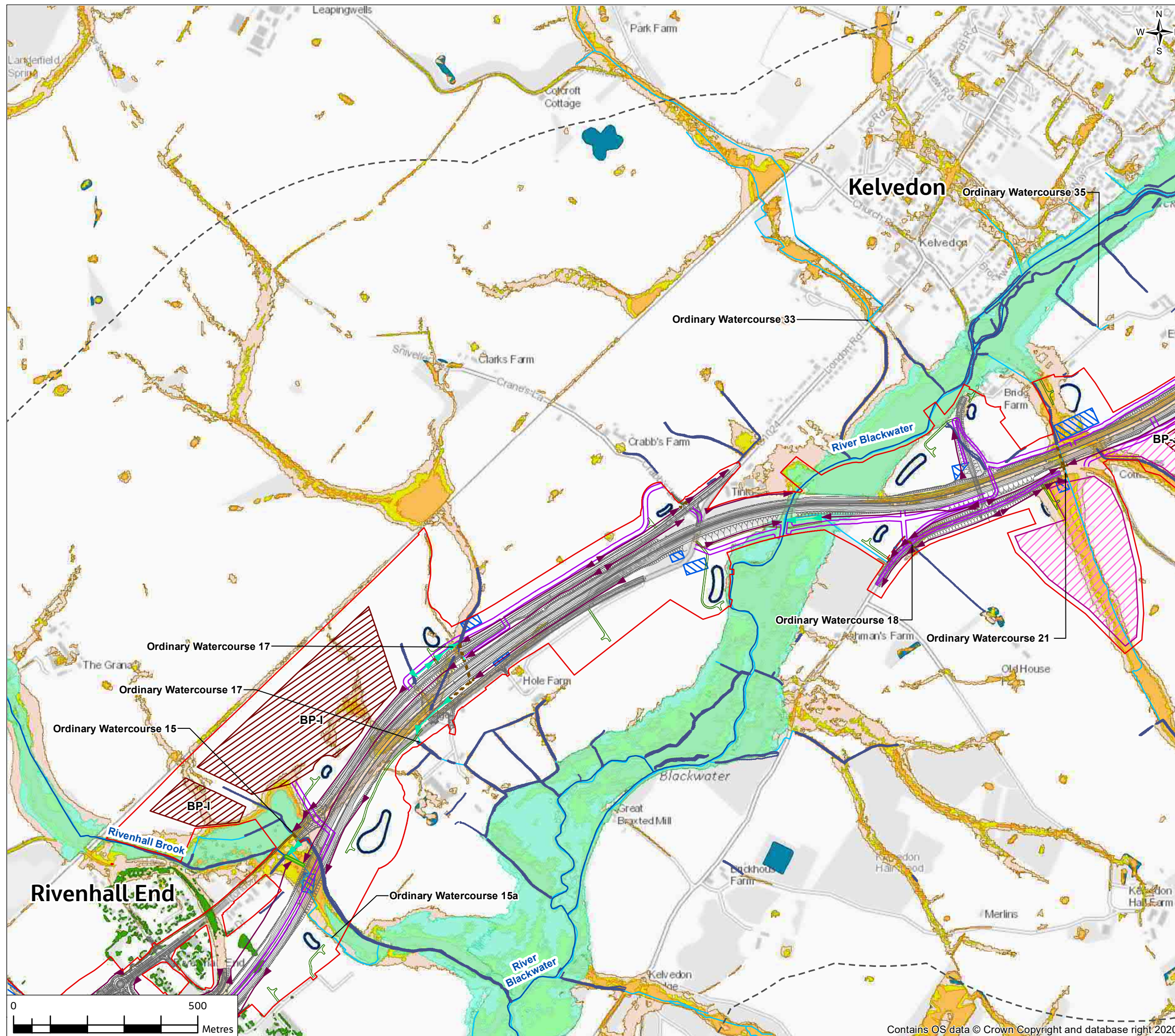
EA Risk of Flooding From Surface Water

- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)



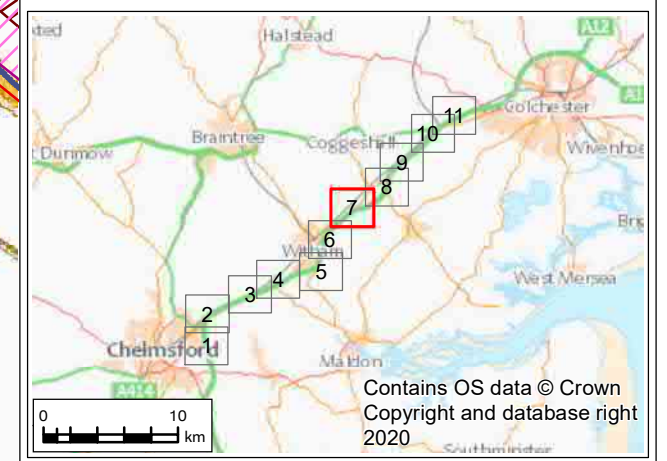
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Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 6 OF 11						
Drawing Status						
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Drawing Number						
HE551497-JAC-EWE-SCHW-SK-GI-0130						

FIGURE 14.5



Legend

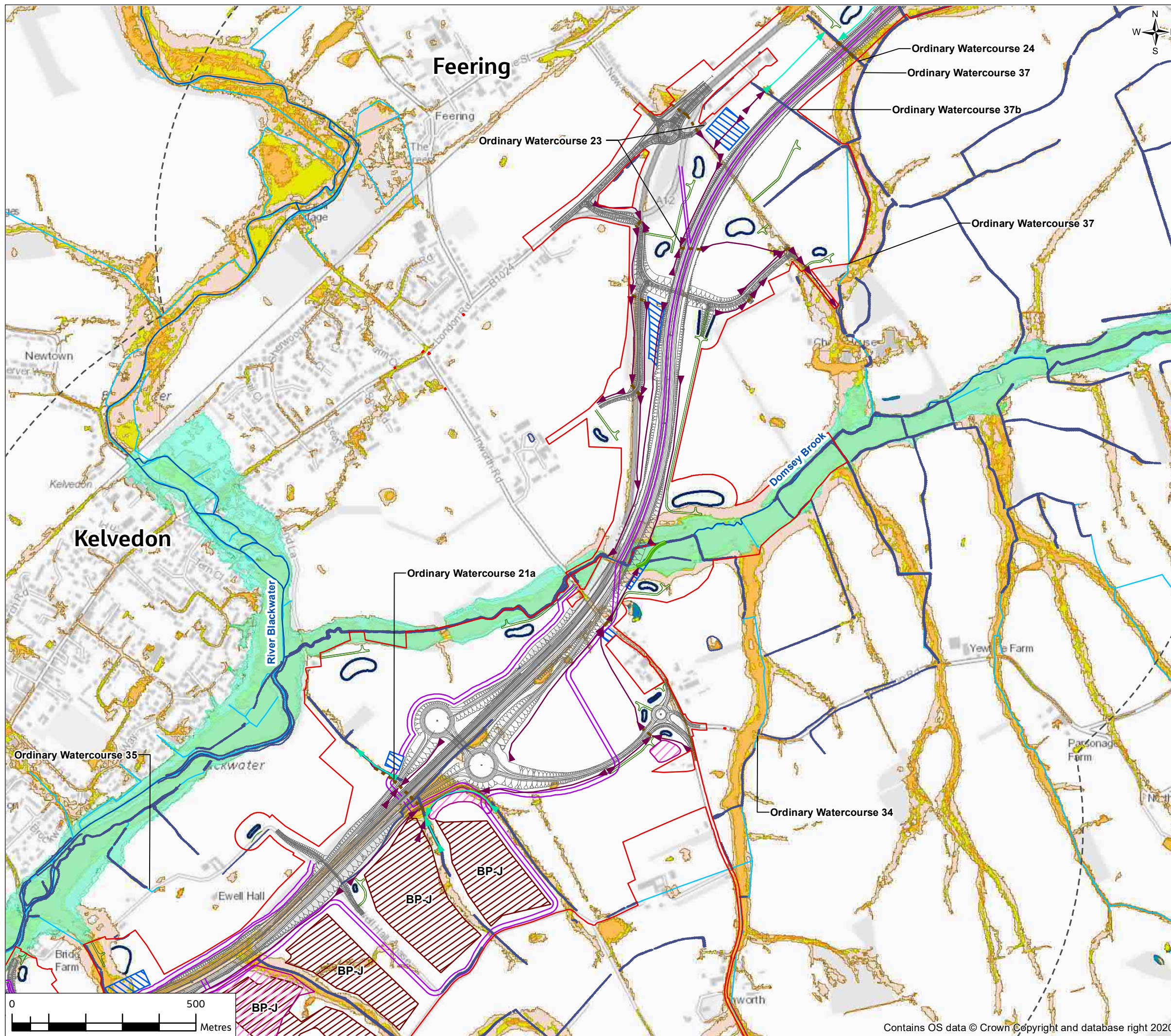
- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Flood Plain Compensation for ordinary watercourse (indicative)
- Braintree SWMP modelling (1 in 20 AEP + CC) >50mm flood depth
- Cut-Off Ditches**
- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- Existing Ditch / Watercourse (to be abandoned)
- EA Risk of Flooding From Surface Water**
- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)



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Project						
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Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 7 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
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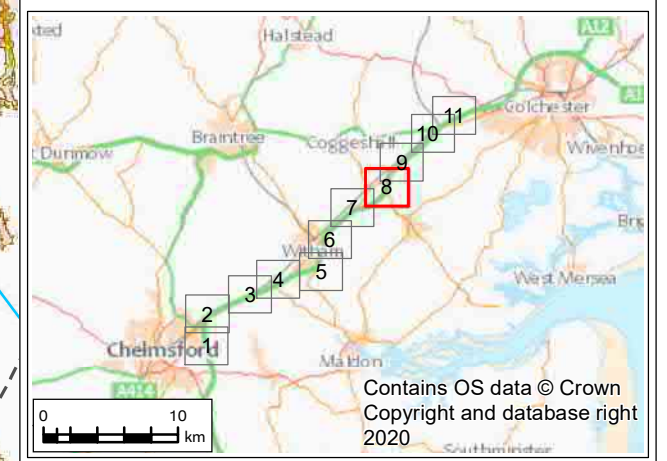


FIGURE 14.5



Legend

- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed Borrow Pits
- Proposed compounds and laydown areas
- Flood Plain Compensation for ordinary watercourse (indicative)
- Cut-Off Ditches**
- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- Existing Ditch / Watercourse (to be abandoned)
- EA Risk of Flooding From Surface Water**
- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)

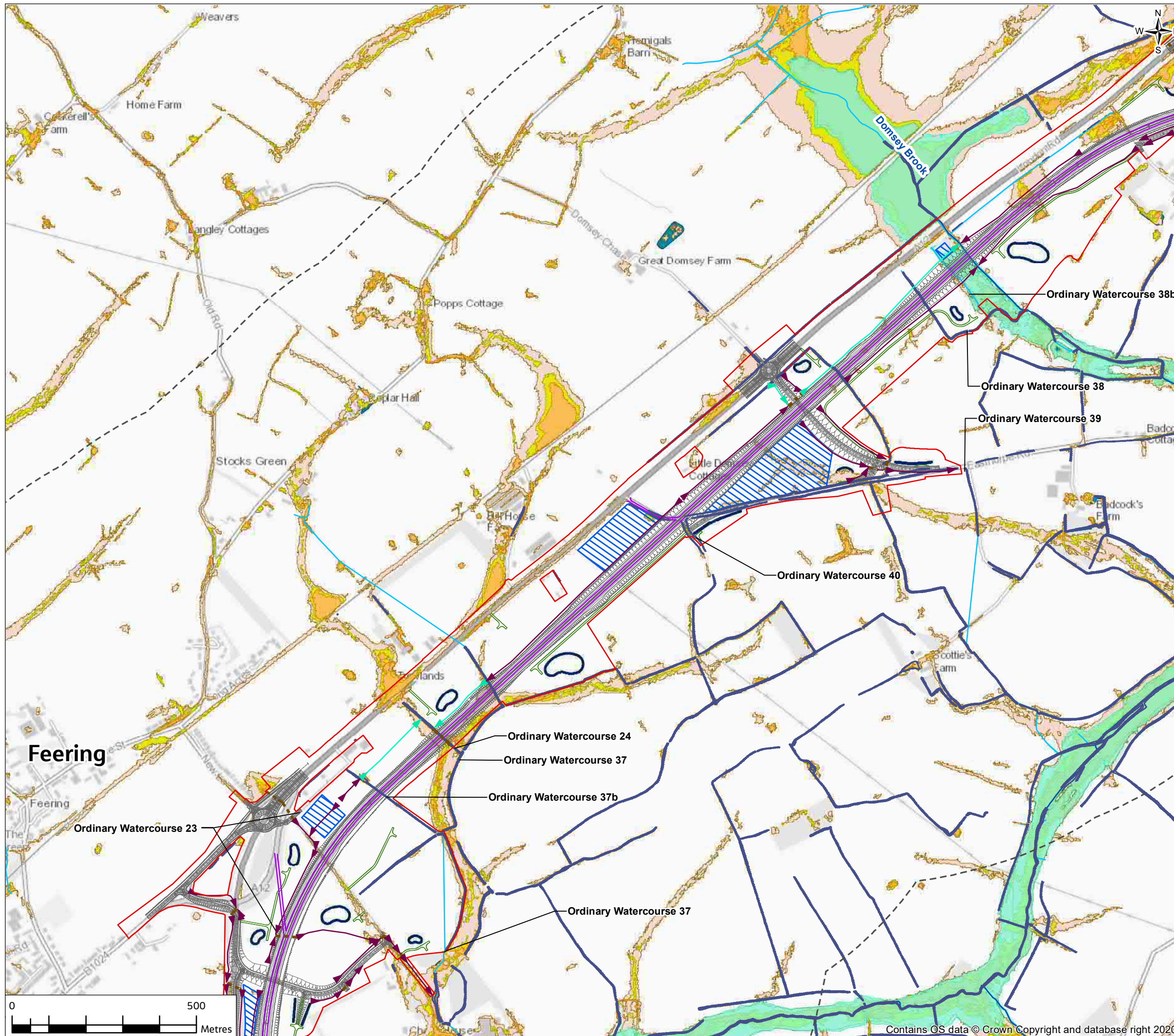


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Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 8 OF 11						
Drawing Status						
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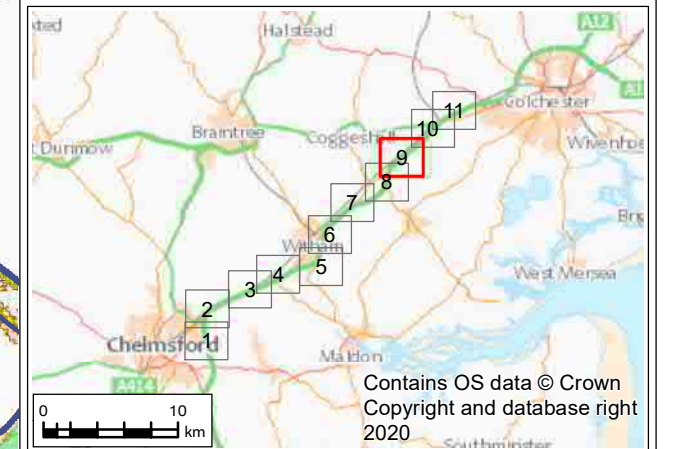


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FIGURE 14.5



- Legend**
- Provisional Order Limits
 - Proposed Scheme
 - Study Area
 - Indicative Haul Routes
 - Access Tracks to Proposed Drainage Ponds
 - Main River
 - Ordinary watercourses
 - Proposed Scheme Culverts
 - Drainage Ditches
 - Existing Water Features (river, ponds, lakes and reservoirs)
 - Proposed drainage ponds
 - Proposed compounds and laydown areas
 - Proposed Cut-off ditch
 - Existing Ditch / Watercourse (realigned)
 - Existing Ditch / Watercourse (to be abandoned)
- EA Risk of Flooding From Surface Water**
- 3.3% (1 in 30) AEP Event (High Risk)
 - 1% (1 in 100) AEP Event (Medium Risk)
 - 0.1% (1 in 1000) AEP Event (Low Risk)



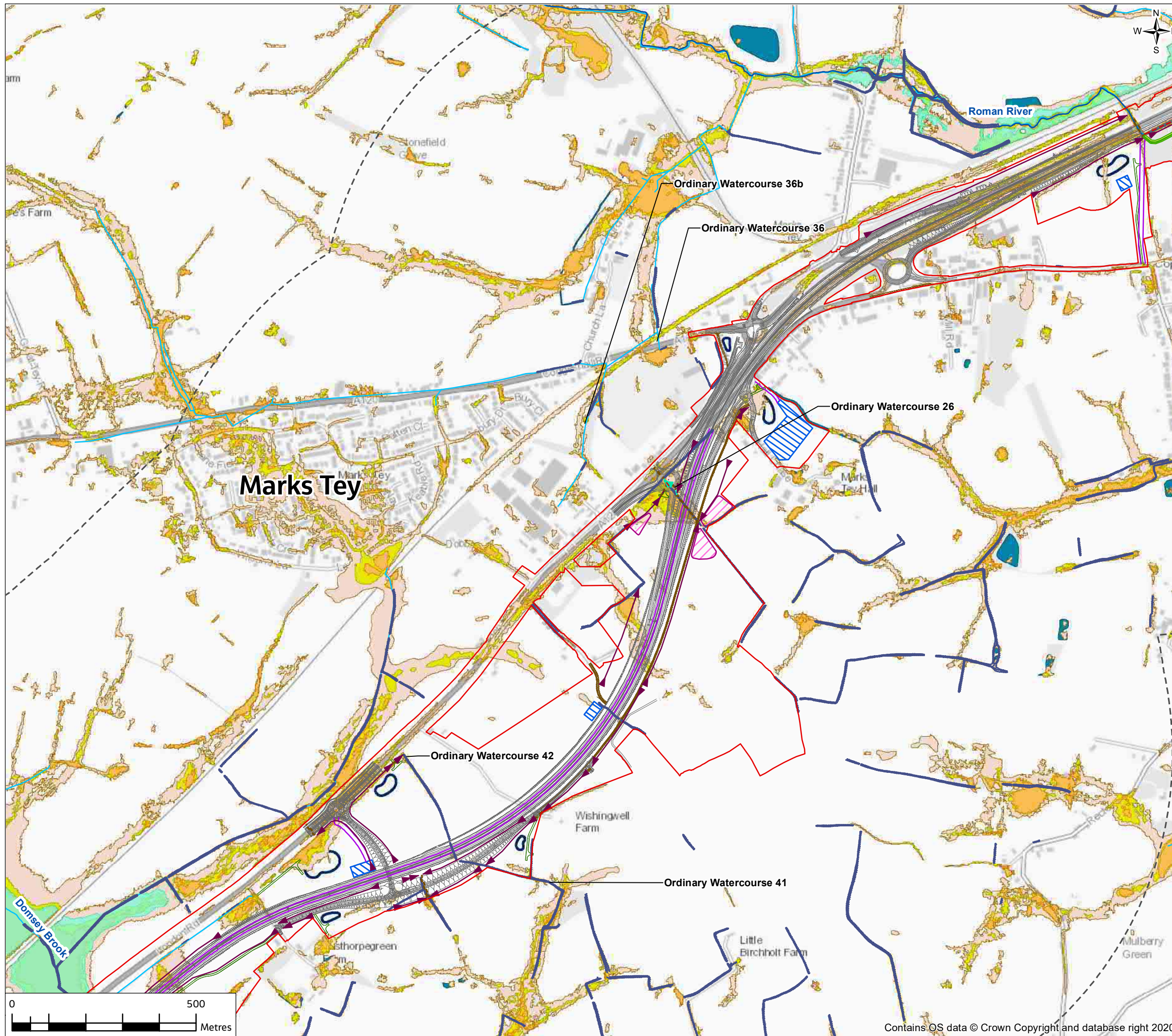
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Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 9 OF 11						
Drawing Status						
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Client No.	HE551497					P01
Drawing Number						
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FIGURE 14.5



Legend

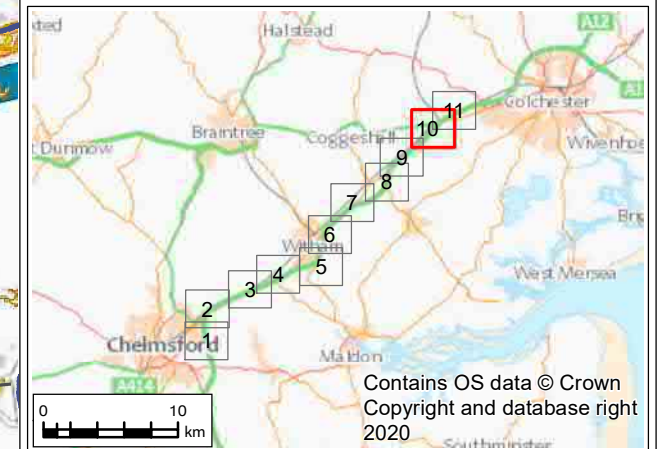
- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed compounds and laydown areas
- Flood Plain Compensation for ordinary watercourse (indicative)

Cut-Off Ditches

- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- Existing Ditch / Watercourse (to be abandoned)

EA Risk of Flooding From Surface Water

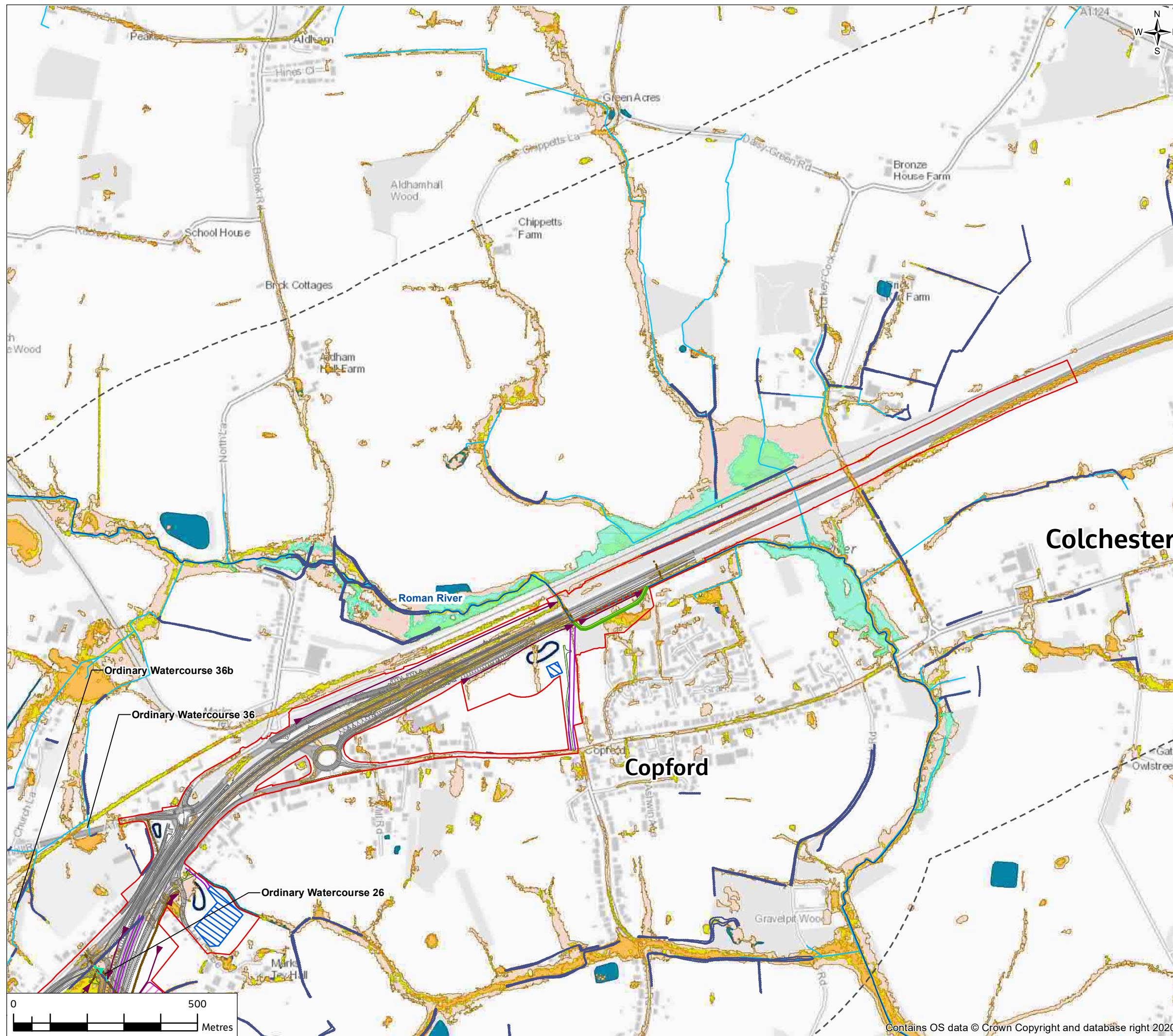
- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)



P01	18/05/21	For consultation	JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
			 Cottons Centre, Cottons Lane, London, SE1 2QG, UK. Tel: +44 (0)20 3980 2000 www.jacobs.com			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 10 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:10000			DO NOT SCALE	
Jacobs No.		B36601D1			Rev P01	
Client No.		HE551497			Rev P01	
Drawing Number						
HE551497-JAC-EWE-SCHW-SK-GI-0134						



FIGURE 14.5



Legend

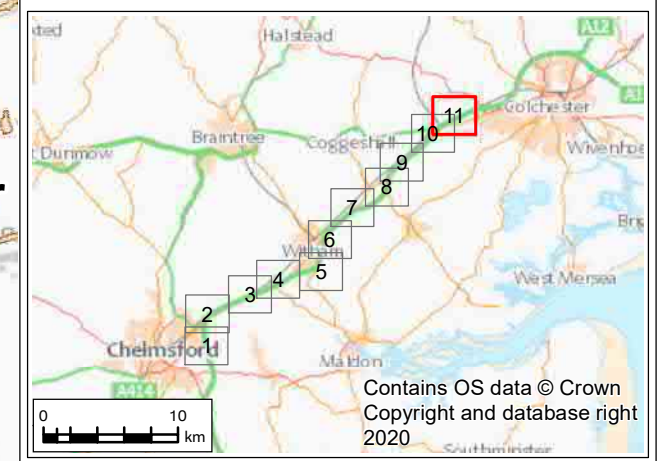
- Provisional Order Limits
- Proposed Scheme
- Study Area
- Realigned Walking, Cycling and Horse Riding route
- Indicative Haul Routes
- Access Tracks to Proposed Drainage Ponds
- Main River
- Ordinary watercourses
- Proposed Scheme Culverts
- Drainage Ditches
- Existing Water Features (river, ponds, lakes and reservoirs)
- Proposed drainage ponds
- Proposed compounds and laydown areas
- Flood Plain Compensation for ordinary watercourse (indicative)

Cut-Off Ditches

- Proposed Cut-off ditch
- Existing Ditch / Watercourse (realigned)
- Existing Ditch / Watercourse (to be abandoned)

EA Risk of Flooding From Surface Water

- 3.3% (1 in 30) AEP Event (High Risk)
- 1% (1 in 100) AEP Event (Medium Risk)
- 0.1% (1 in 1000) AEP Event (Low Risk)



PO1	18/05/21	For consultation	JC	CW	DS	SG
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Contractor			Designer			
Client						
Project						
A12 CHELMSFORD TO A120 WIDENING SCHEME						
Drawing Title						
PEIR EXISTING SURFACE WATER FLOOD RISK SHEET 11 OF 11						
Drawing Status						
S4 - SUITABLE FOR STAGE APPROVAL						
Scale @ A3		1:10000		DO NOT SCALE		
Jacobs No.		B36601D1		Rev P01		
Client No.		HE551497				
Drawing Number						
HE551497-JAC-EWE-SCHW-SK-GI-0135						