

Appendix 1
Site Location Plan

Appendix 2
Existing Site Layout Plan



-20m 0 20m 40m 60m 80m
Scale 1:2000

TITLE Existing Site Layout	
SCALE 1:2000 @ A3	DRG. No. 2

Appendix 3

Sewer Records

500342

Based upon Ordnance Survey
Licence No. WU 298530.



Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape
0301X			125	PE	CIRC												
0302X	5.065	3.491	150	GRC	CIRC												
030AX	5.17	3.95	100	PE	CIRC												
031AX	5.1	3.3	100	PE	CIRC												
0401X	2.8	1.563	150	GRC	CIRC												
0501X	2.7	1.004	225	GRC	CIRC												
050PX			100	PE	CIRC												
0601X	5.1	2.93	150	GRC	CIRC												
0602X	4.05	2.01	150	GRC	CIRC												
0701X	4.9	3.325	150	GRC	CIRC												

Appendix 4

BGS Geological Borehole Data





BGS ID: 434414 : BGS Reference: SU90SE36

British National Grid (27700) : 499200,104140

[Report an issue with this borehole](#)

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British Geological Survey

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SU 90 SE 36

9920 0414

Wick's Farm

Block H

Surface level +5.0 m
Water not struck
August 1981

Waste 1.5 m
Bedrock 1.5 m+

LOG

Geological classification

Lithology

Thickness Depth
m m

	Soil	0.3	0.3
Brickearth	Clay, very silty, brown, with angular and subangular flint pebbles, some peat particles and a few pockets of sand	1.2	1.5
Upper Chalk	Chalk, rubbly, with matrix of olive fine sand near top	1.5+	3.0

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ARUN DISTRICT COUNCIL F/9/20/DOC

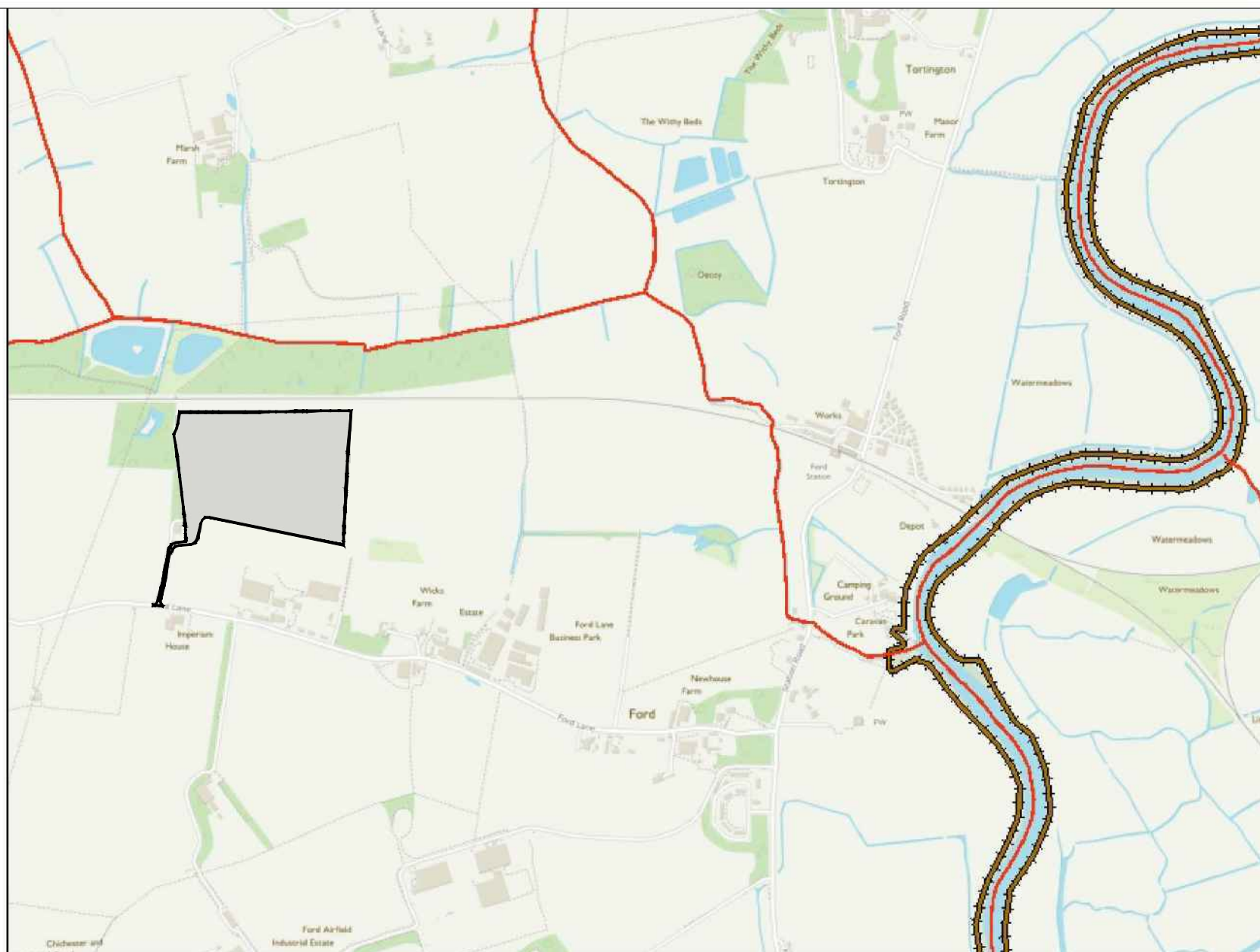
Appendix 5

**Environment Agency Product 4 Information
and Flood Maps**

Environment Agency Maintained Assets

Legend

- Statutory Main Rivers
- Defences (EA maintained)
- Asset type not defined
- Embankment
- Wall
- Flood Gate
- Demountable Defence
- Bridge Abutment
- High Ground
- Beach
- Barrier Beach
- Promenade
- Quay
- Cliff
- Dunes



0 120 240 360
Metres



Product 4 Flood Risk Data Requested by: The Civil Engineering Practice

Site: Wick's Farm, Arundel, BN18 0DS

Table 1: Water Levels: Fluvial Undefended

	NGR		Modelled Flood Levels in Metres AOD			
			Undefended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	1%	1% +CC*	0.1%
1	498980	104370	-	-	3.04	-
2	499192	104372	-	-	-	-

Table 2: Water Levels: Fluvial Defended

	NGR		Modelled Flood Levels in Metres AOD			
			Defended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	1%	1% +CC*	0.1%
1	498980	104370	-	-	-	-
2	499192	104372	-	-	-	-

Table 3: Water Levels: Tidal Undefended

	NGR		Modelled Flood Levels in Metres AOD			
			Undefended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	0.5%	0.5% (2110)	0.1%
1	498980	104370	-	-	2.50	-
2	499192	104372	-	-	-	-

Table 4: Water Levels: Tidal Defended

	NGR		Modelled Flood Levels in Metres AOD			
			Defended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	0.5%	0.5% (2110)	0.1%
1	498980	104370	-	-	3.69	-
2	499192	104372	-	-	3.69	-

Table 5: Water Depths: Fluvial Undefended

Office Address: Guildbourne House, Chatsworth Road, Worthing BN11 1LD.
 Customer services line: 03708 506 506. Email: enquiries@environment-agency.gov.uk
www.gov.uk/government/organisations/environment-agency

	NGR		Modelled Flood Depths in Metres			
			Undefended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	1%	1% +CC*	0.1%
1	498980	104370	-	-	0.08	-
2	499192	104372	-	-	-	-

Table 6: Water Depths: Fluvial Defended

	NGR		Modelled Flood Depths in Metres			
			Defended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	1%	1% +CC*	0.1%
1	498980	104370	-	-	-	-
2	499192	104372	-	-	-	-

Table 7: Water Depths: Tidal Undefended

	NGR		Modelled Flood Depths in Metres			
			Undefended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	0.5%	0.5% (2110)	0.1%
1	498980	104370	-	-	0.72	-
2	499192	104372	-	-	0.38	-

Table 8: Water Depths: Tidal Defended

	NGR		Modelled Flood Depths in Metres			
			Defended Annual Exceedance Probability			
Node Ref	Eastings	Northings	5%	0.5%	0.5% (2110)	0.1%
1	498980	104370	-	-	0.01	-
2	499192	104372	-	-	-	-

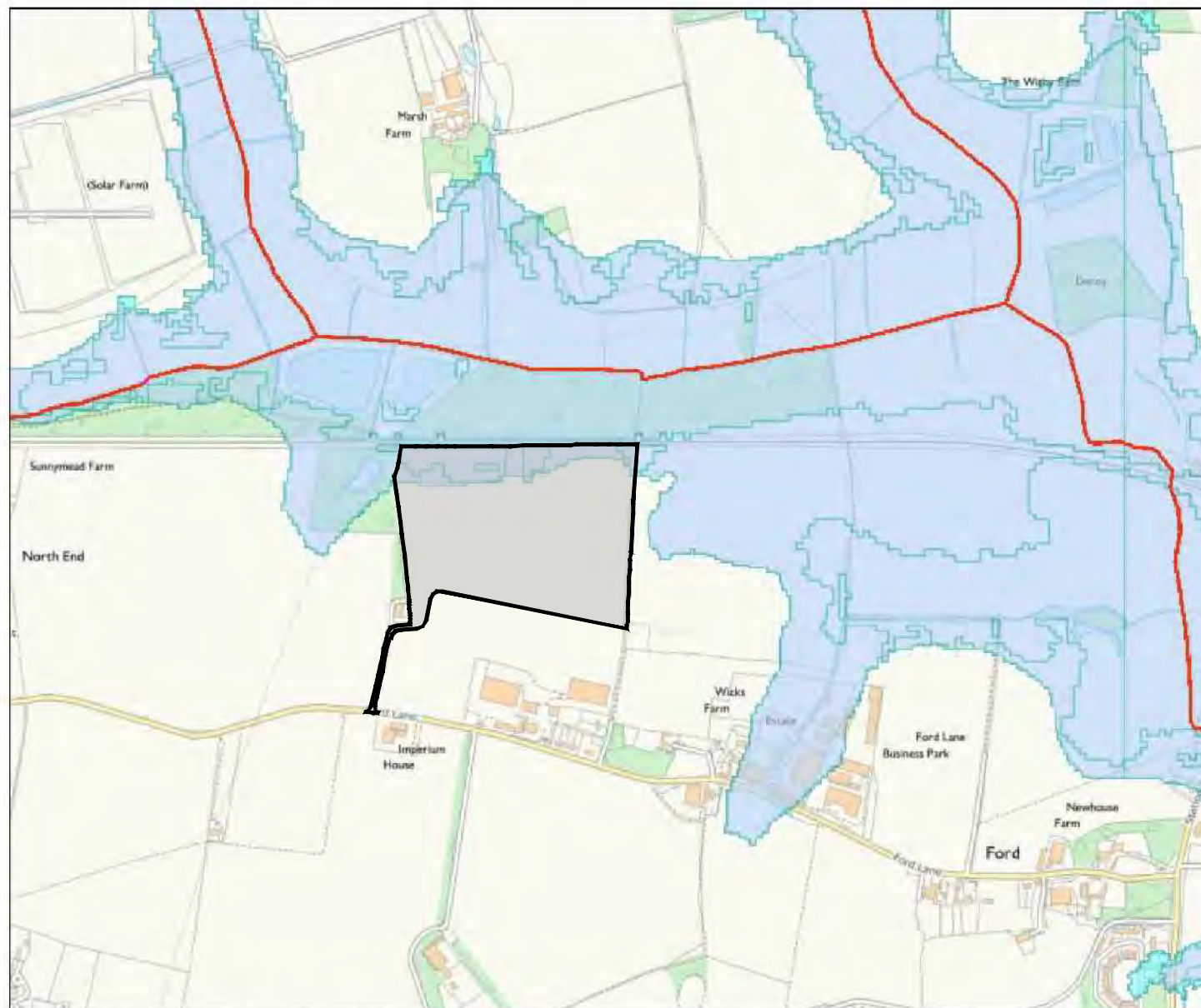
All levels taken from: Lower Tidal River Arun Strategy Model 2010

Produced on: 12/11/2018

*** Climate Change allowances for this model only show the superseded 20% increase in flows. The current allowances should be checked here: <https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances>.**

There is no additional information or health warnings for these levels/depths or the model from which they have been produced.

Flood Map for Planning (Rivers and Sea) created 12/11/2018



Scale 1: 10,000



Flood Map for Planning (Rivers & Sea)

- Sealed Main Rivers
- - - Defences
- ▤ Flood Storage Areas
- ▨ Areas benefiting from flood defences
- Flood Zone 3
- Flood Zone 2

Flood Map Areas (assuming no defences)

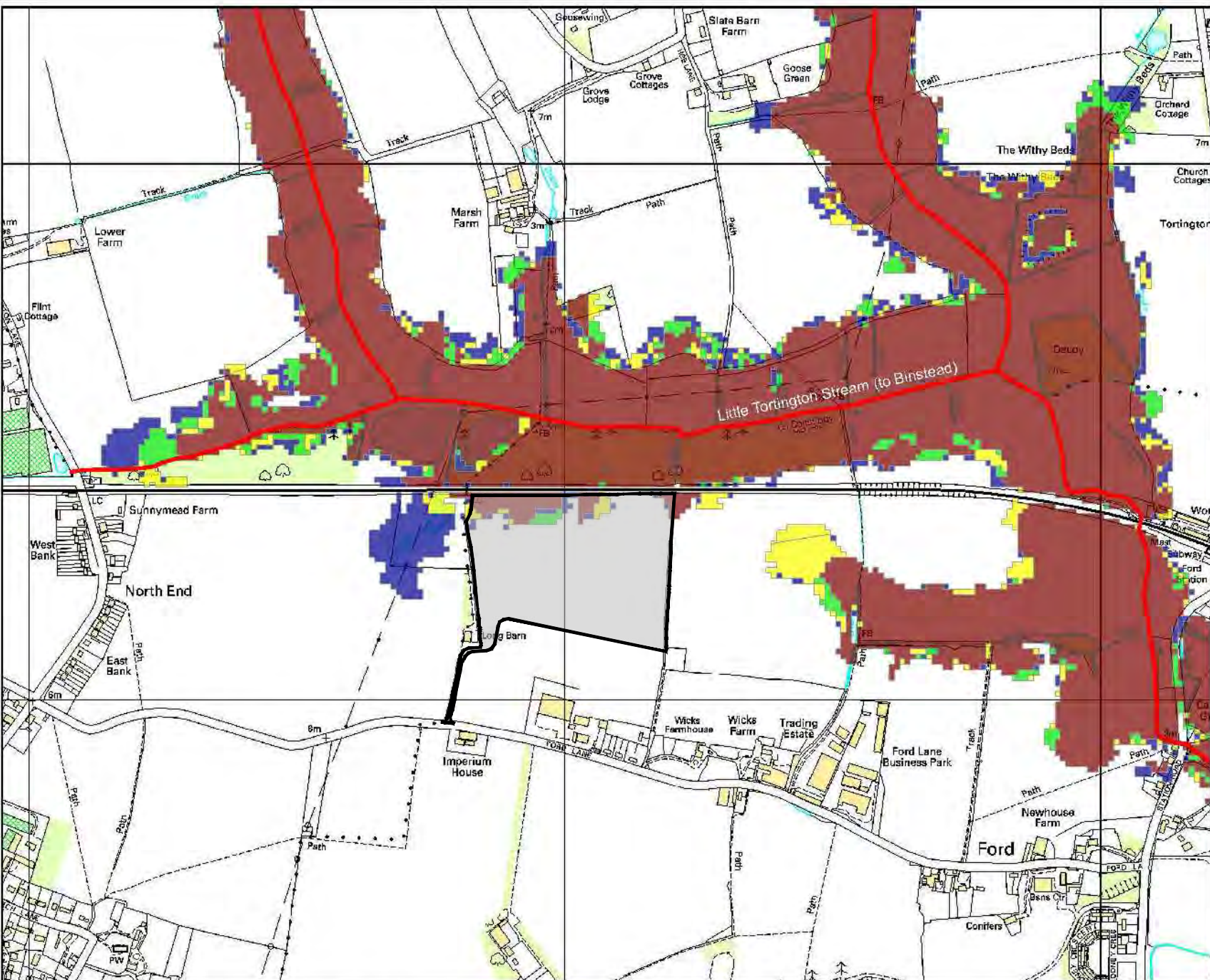
Flood Zone 3 shows the area that could be affected by flooding:

- from the sea with a 1 in 200 or greater chance of happening each year
- or from a river with a 1 in 100 or greater chance of happening each year.

Flood Zone 2 shows the extent of an extreme flood from rivers or the sea with up to a 1 in 1000 chance of occurring each year.

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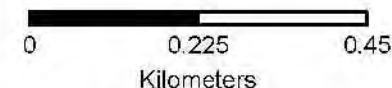


Legend

- Main River
- 5% AEP (Defended Fluvial)
- 1% AEP (Defended Fluvial)
- 1% AEP Plus Climate Change (Defended Fluvial)
- 0.1% AEP (Defended Fluvial)

Annual Exceedance Probability (AEP) The probability of a flood of a particular magnitude, or greater occurring in any given year.

Scale: 1:10,000



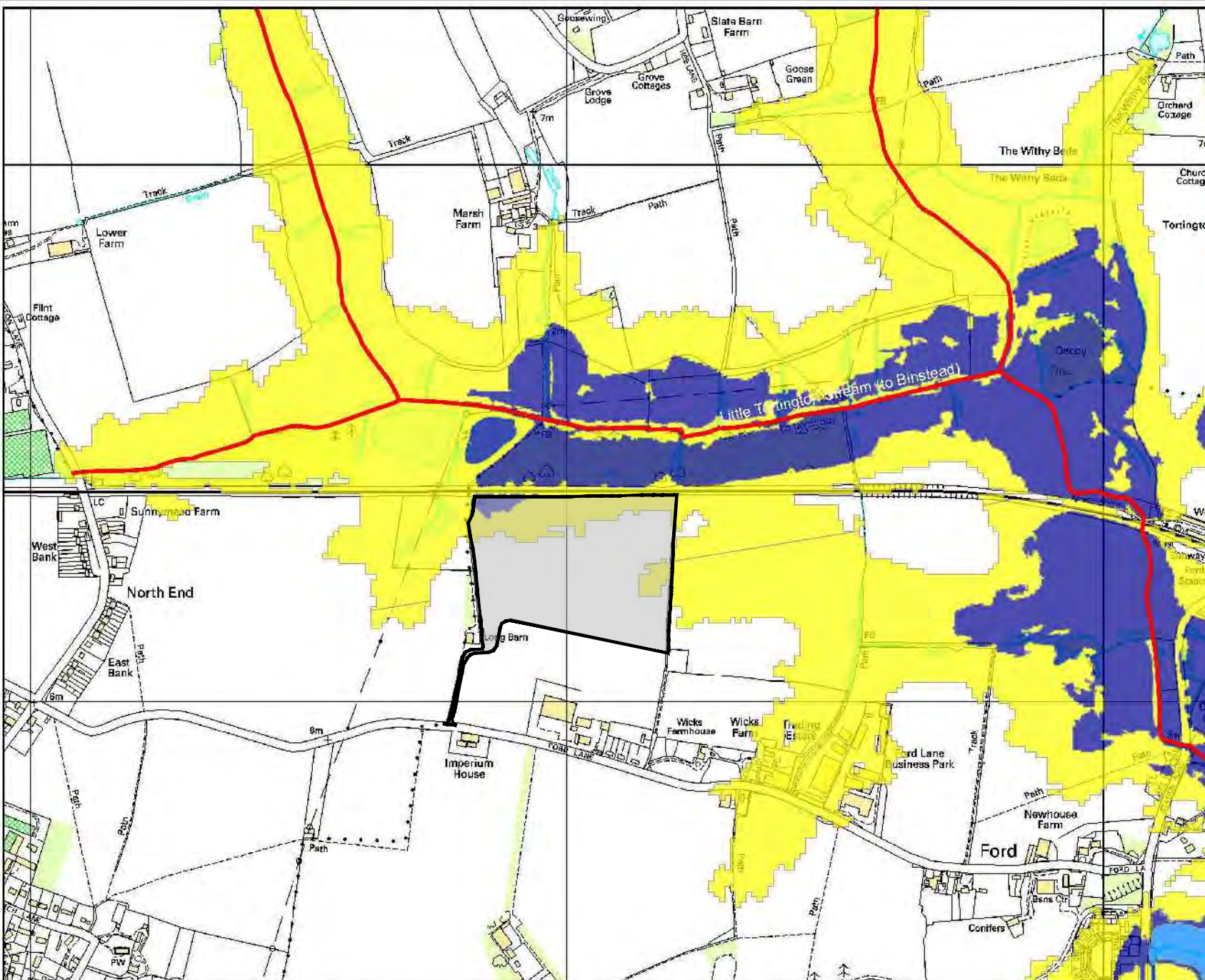
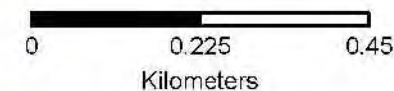


Legend

- Main River
- 5% AEP (Defended Tidal)
- 0.5% AEP (Defended Tidal)
- 0.1% AEP (Defended Tidal)
- 0.5% AEP (2110) (Defended Tidal)

Annual Exceedance Probability (AEP) The probability of a flood of a particular magnitude, or greater occurring in any given year.

Scale: 1:10,000



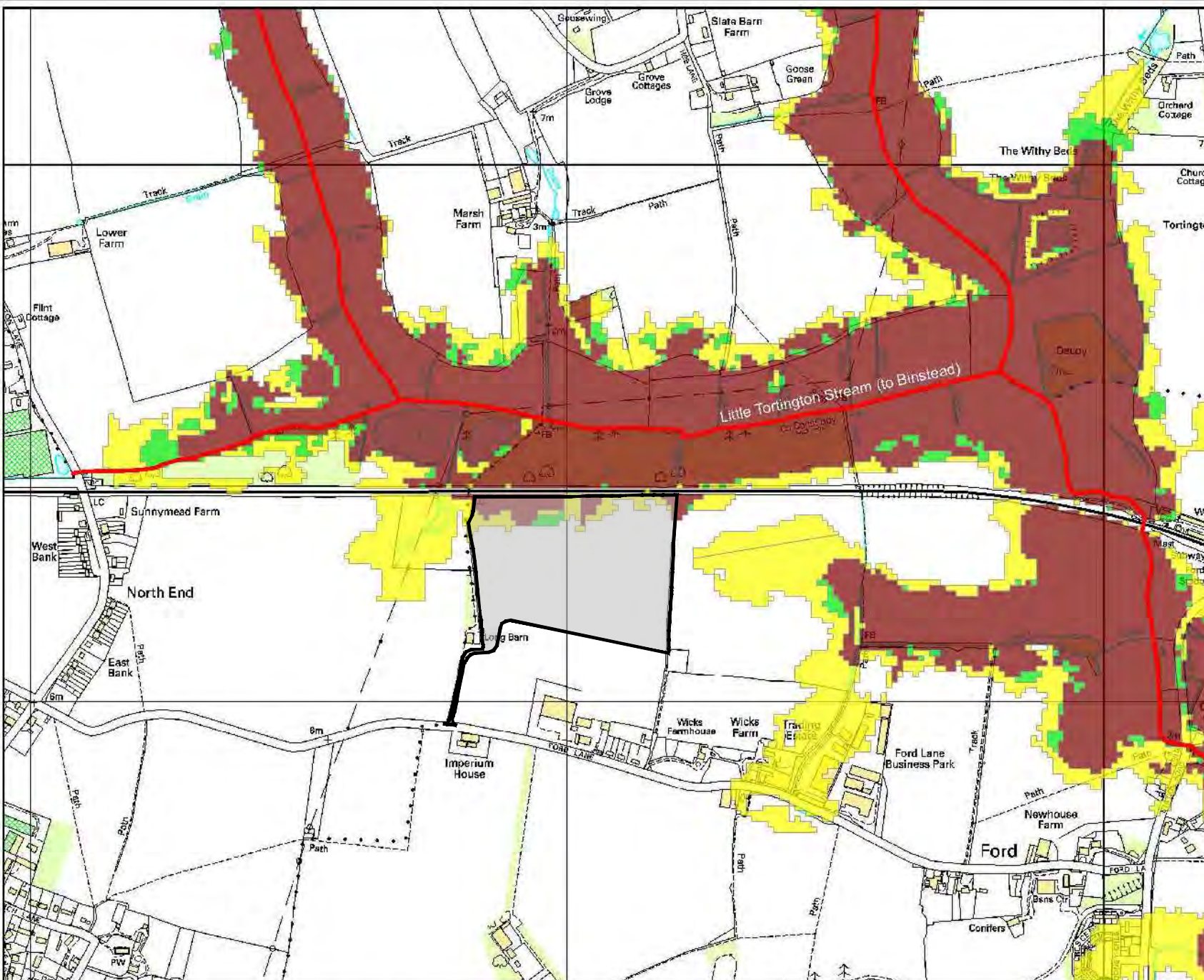
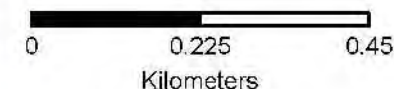


Legend

- Main River
- 5% AEP (Un defended Fluvial)
- 1% AEP (Un defended Fluvial)
- 1% AEP Plus Climate Change (Un defended Fluvial)
- 0.1% AEP (Un defended Fluvial)

Annual Exceedance Probability (AEP) The probability of a flood of a particular magnitude, or greater occurring in any given year.

Scale: 1:10,000





Legend

- Main River
- 5% AEP (Undefended Tidal)
- 0.5% AEP (Undefended Tidal)
- 0.1% AEP (Undefended Tidal)
- 0.5% AEP (2110) (Undefended Tidal)

Annual Exceedance Probability (AEP) The probability of a flood of a particular magnitude, or greater occurring in any given year.

Scale: 1:10,000

