

Appendix 1
Site Location Plan



SITE LOCATION

-100m 0 100m 200m 300m 400m

TITLE
Site Location: Wicks Farm,
Ford Lane, Ford, Arundel, BN18 0DF
OS Grid Reference: SU 990 042

SCALE
1:10000 @ A3

DRG. No.
1

Appendix 2

Existing Site Layout Plan



Scale 1:2000

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

Appendix 3

Sewer Records

500342

Based upon Ordnance Survey
Licence No. WLI 298530

Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape
Q301X			125	PE	CIRC												
Q302X	5.065	3.491	150	GRC	CIRC												
Q30AX	5.17	3.95	100	PE	CIRC												
Q31AX	5.1	3.3	100	PE	CIRC												
Q401X	2.8	1.563	150	GRC	CIRC												
Q501X	2.7	1.004	225	GRC	CIRC												
Q50PX			100	PE	CIRC												
Q601X	5.1	2.93	150	GRC	CIRC												
Q602X	4.05	2.01	150	GRC	CIRC												
Q701X	4.9	3.325	150	GRC	CIRC												

Appendix 4

BGS Geological Borehole Data



British
Geological Survey

NATURAL SCIENCE RESEARCH COUNCIL

Geology of Britain viewer

Try the Beta version of our 3D Geology of Britain viewer



More BGS map viewers



Borehole Scans

Click on a borehole to view
scan.

Borehole depth

- ☒ 0 - 10m
- ☐ 10 - 30m
- ☐ 30m+
- ☐ Unknown
- ☐ Confidential or Restricted

[More on boreholes](#)

Go to Location

Switch Basemap

100% 0%

Geology Transparency

Grid Ref: 500403, 103963





**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

BGS ID: 434414 : BGS Reference: SU90SE36

British National Grid (27700) : 499200,104140

[Report an issue with this borehole](#)

<<

< Prev

Page 1 of 1

Next >

>>

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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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2000

0-3

CONF-210

12/2/75

or Institute use only
GEOLOGICAL
CLASSIFICATION

50 90 SE/16

NATURE OF STRATA

If measurements start below ground surface, state how far.

THICKNESS

Feet	Inches	Metres
1	-	0.30
3	9	1.13
20	3	6.84

Drift

per Chalk

Per.

B. Young

14/2/77

Yap Soil

Brown clay

shells & flints

Data Bank

314 - 1

1

4

25

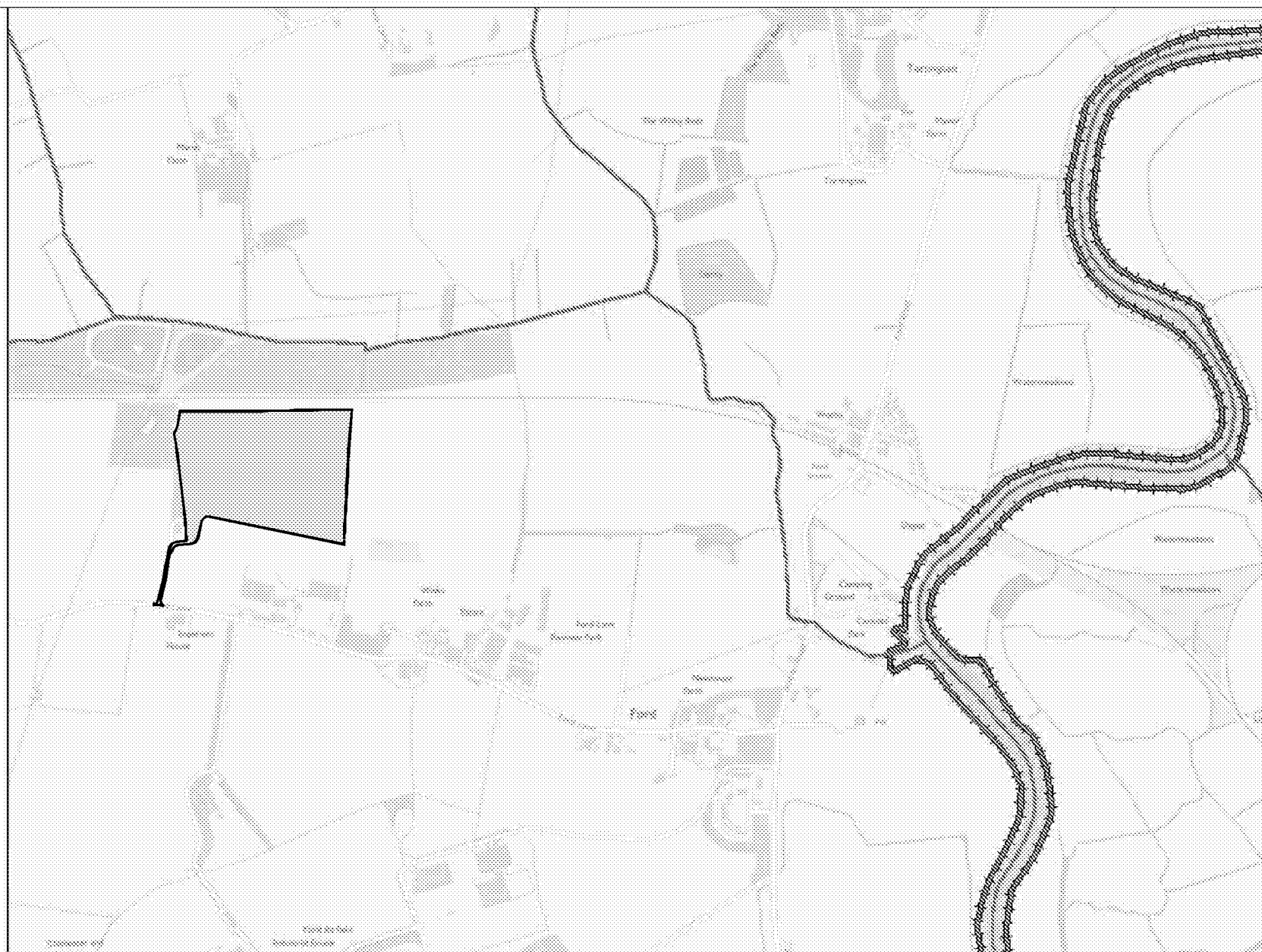
Appendix 5
Environment Agency Product 4 Information
and Flood Maps

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



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

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

Table 1: Water Levels: Fluvial Undefended

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

Table 2: Water Levels: Fluvial Defended

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

Table 3: Water Levels: Tidal Undefended

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

Table 4: Water Levels: Tidal Defended

Node Ref	NGR		Modelled Flood Levels in Metres AOD			
	Eastings	Northings	Defended Annual Exceedance Probability			
			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.

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

Table 6: Water Depths: Fluvial Defended

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

Table 7: Water Depths: Tidal Undefended

Node Ref	NGR		Modelled Flood Depths in Metres			
			Undefended Annual Exceedance Probability			
	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

Node Ref	NGR		Modelled Flood Depths in Metres			
			Defended Annual Exceedance Probability			
	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

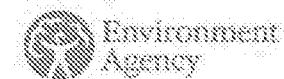
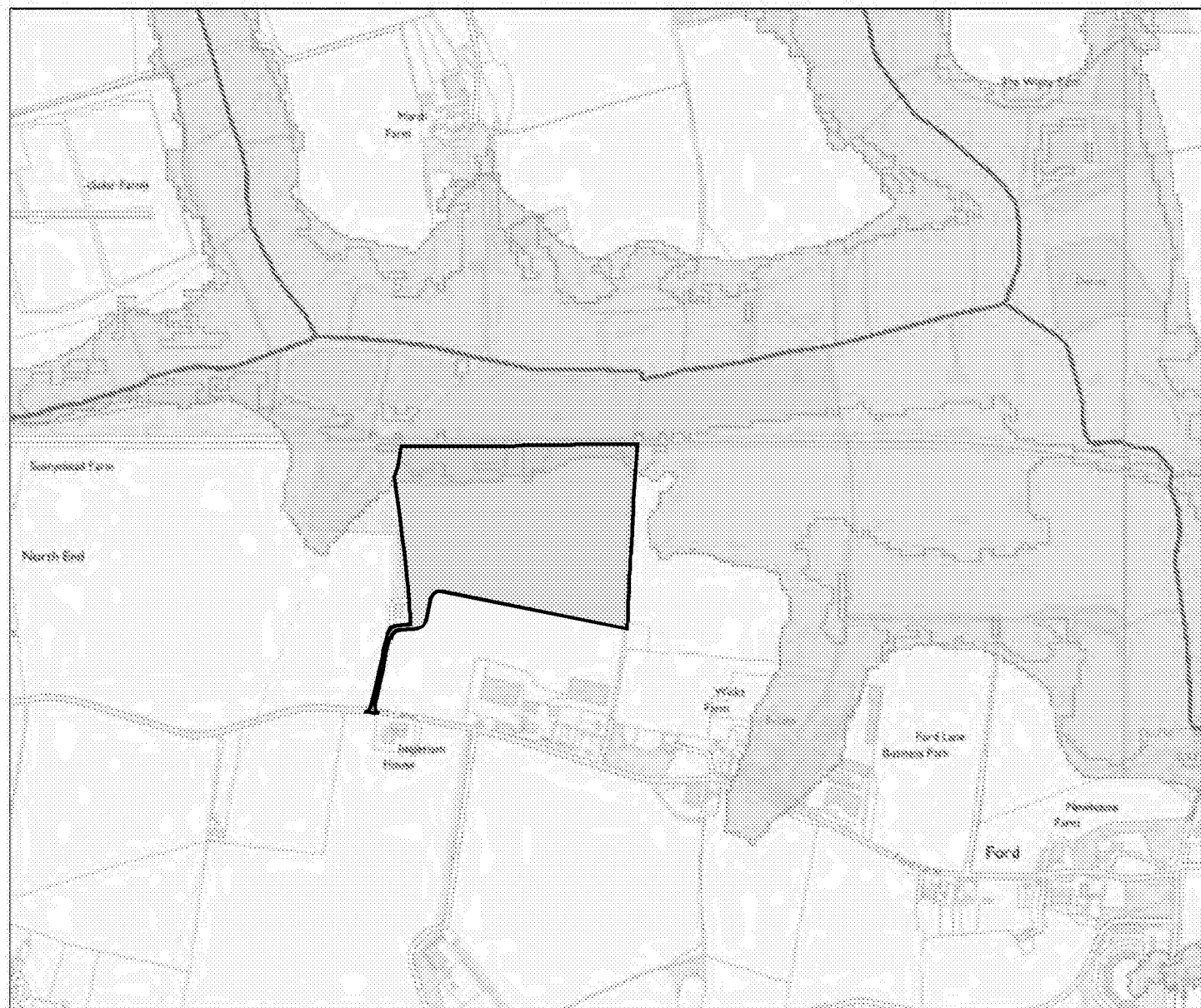
Produced on: 12/11/2018

*** 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.

Office Address: Guildbourne House, Chatsworth Road, Worthing BN11 1LD.

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)

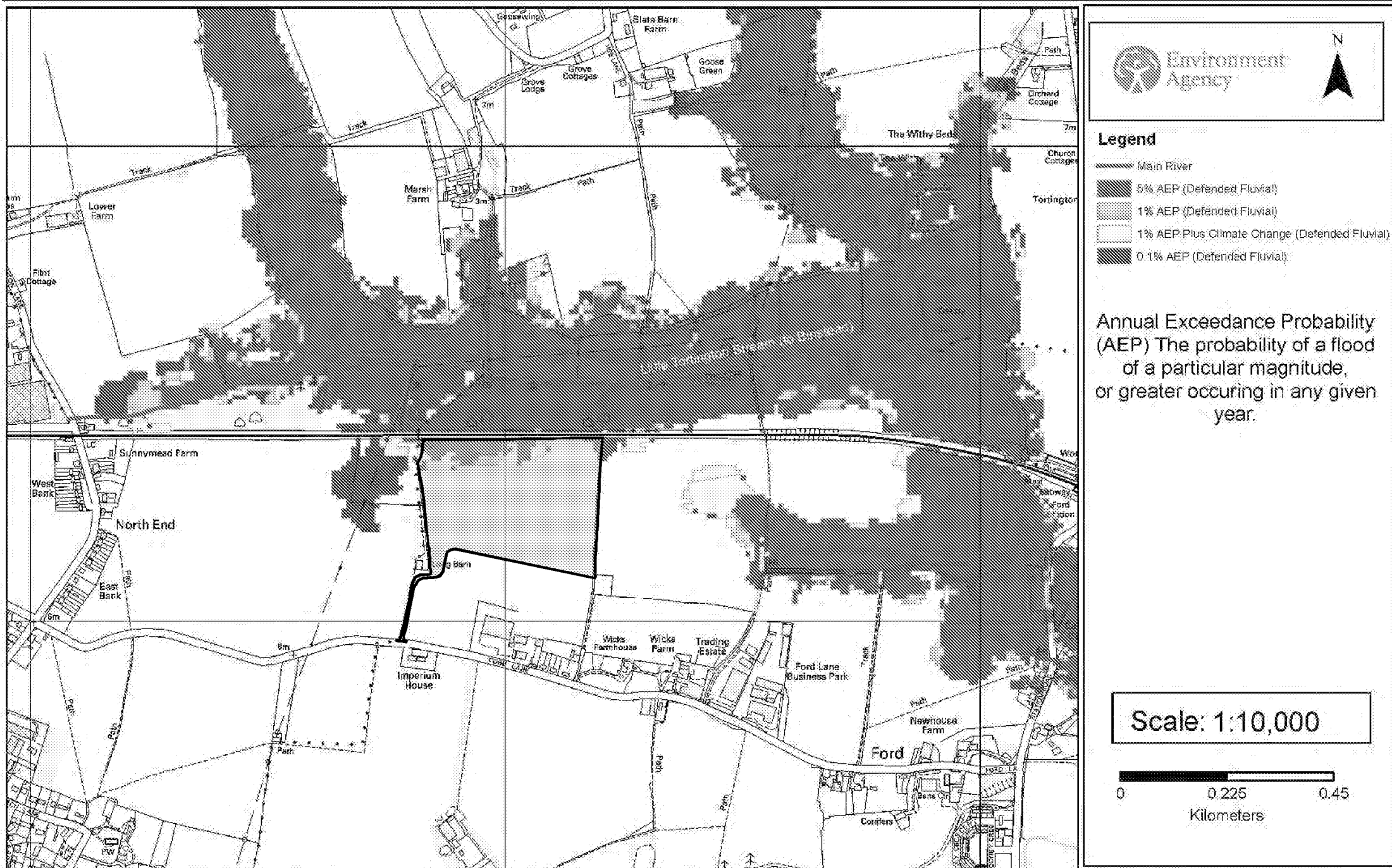
Flood Zone 3 shows the area that could be affected by flooding:

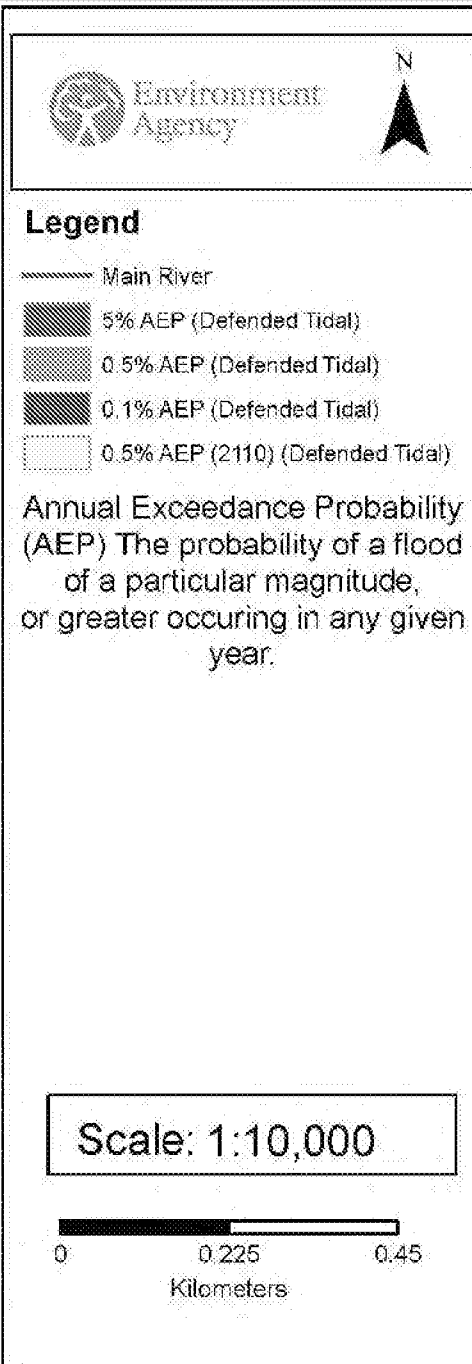
- from the sea with a 1 in 200 or greater chance of happening each year
- or from a river with a 1 in 100 or greater chance of happening each year.

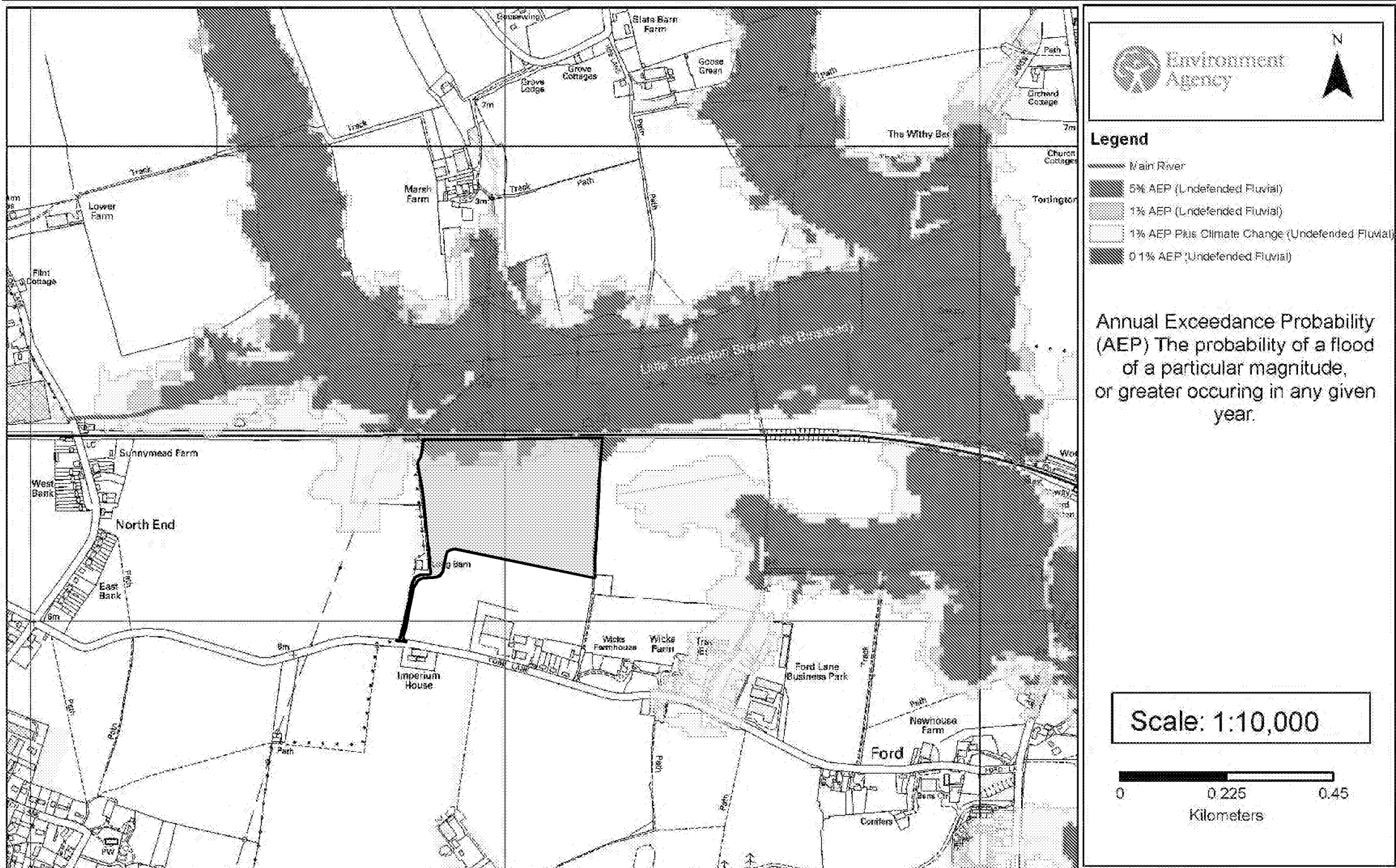
Flood Zone 2 shows the extent of an extreme flood from rivers or the sea with up to a 1 in 1000 chance of occurring each year.

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Contact Us: National Customer Contact Centre, PO Box 544, Rotherham, S60 1BY. Tel: 03708 506 506 (Mon-Fri 8-6). Email: enquiries@environment-agency.gov.uk









Environment
Agency



Legend

—— Main River

5% AEP (Un defended Tidal)

0.5% AEP (Un defended Tidal)

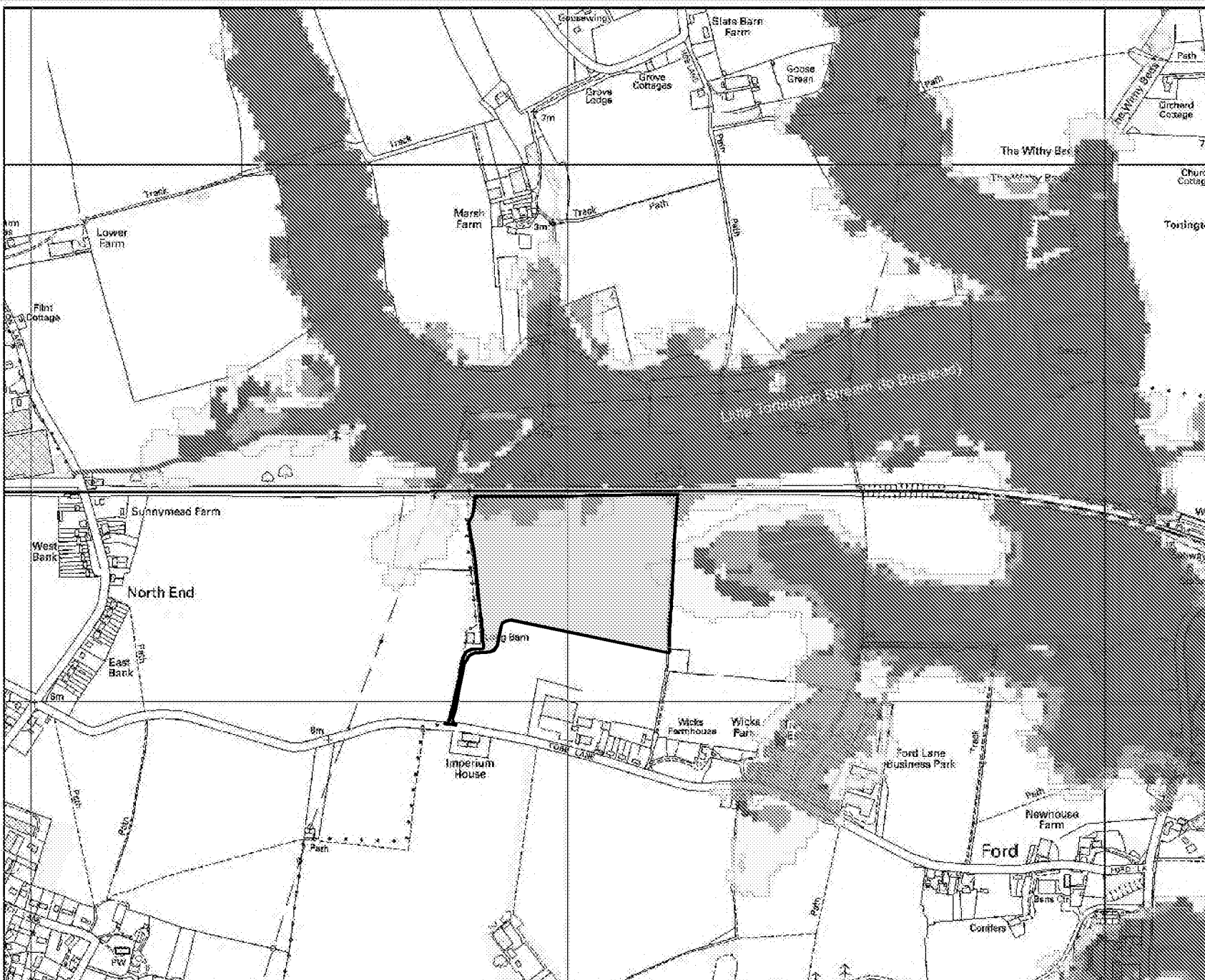
0.1% AEP (Un defended Tidal)

0.5% AEP (2110) (Un 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

0 0.225 0.45
Kilometers





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Legend

Main River

Node_Points

Scale: 1:5,000

0 0.1 0.2
Kilometers

