

BOKLOK

LAND TO THE SOUTH OF LITTLEHAMPTON ACADEMY

Flood Risk Assessment Part 2

DOC: LTH-AKSW-XX-XX-RP-001

March 2021



SKANSKA



JBA Canal Failure Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

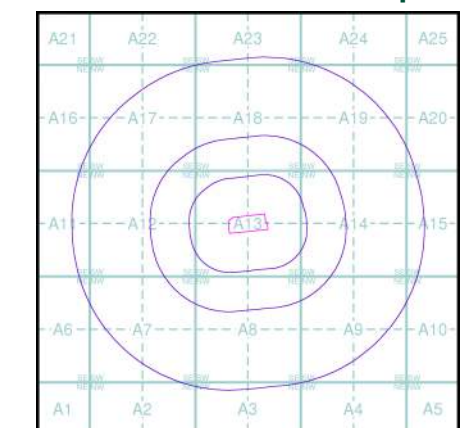
Flood Data

- Canal Failure
- Coverage

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

JBA Canal Failure Flood Map - Slice A

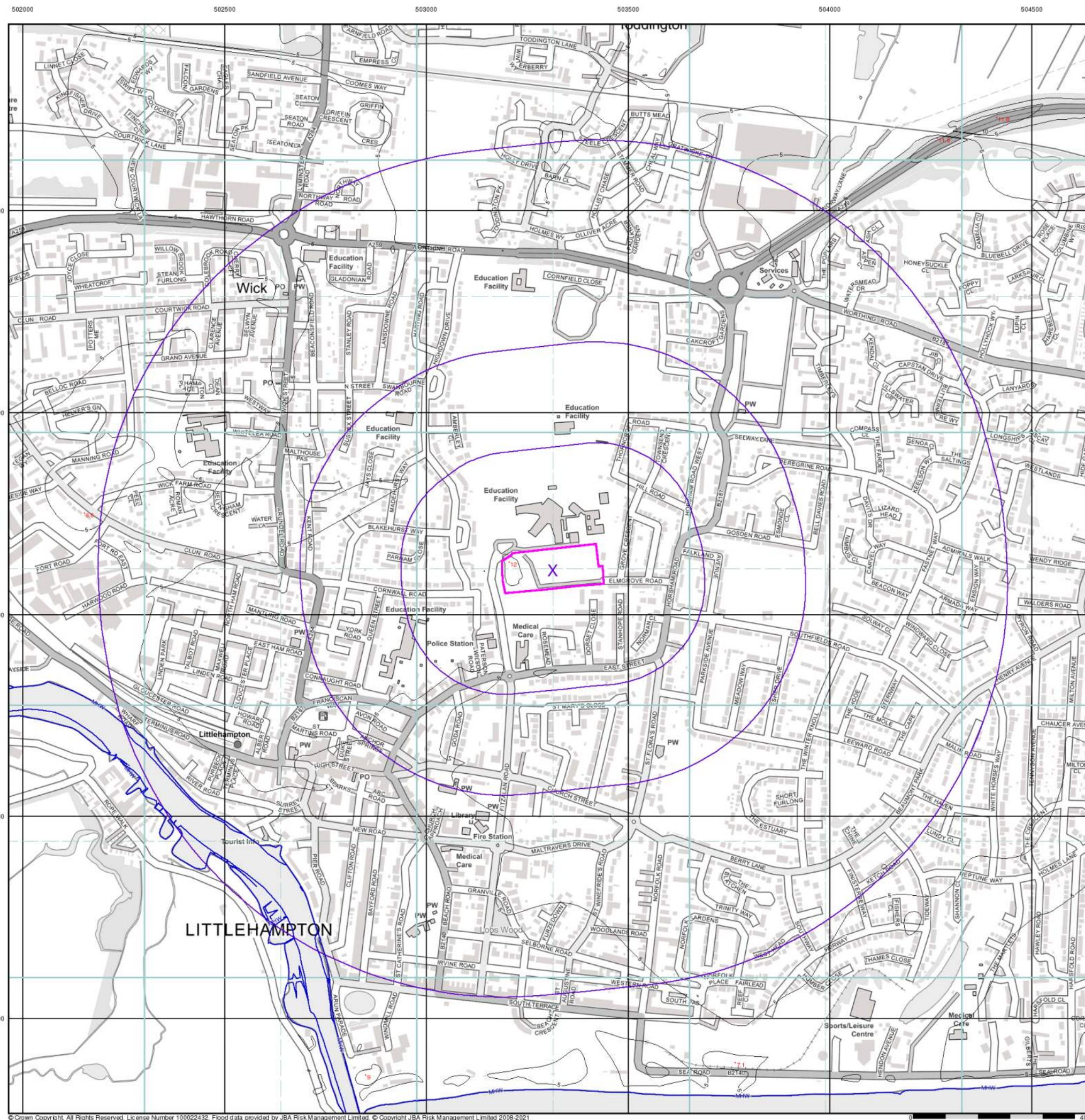


Order Details

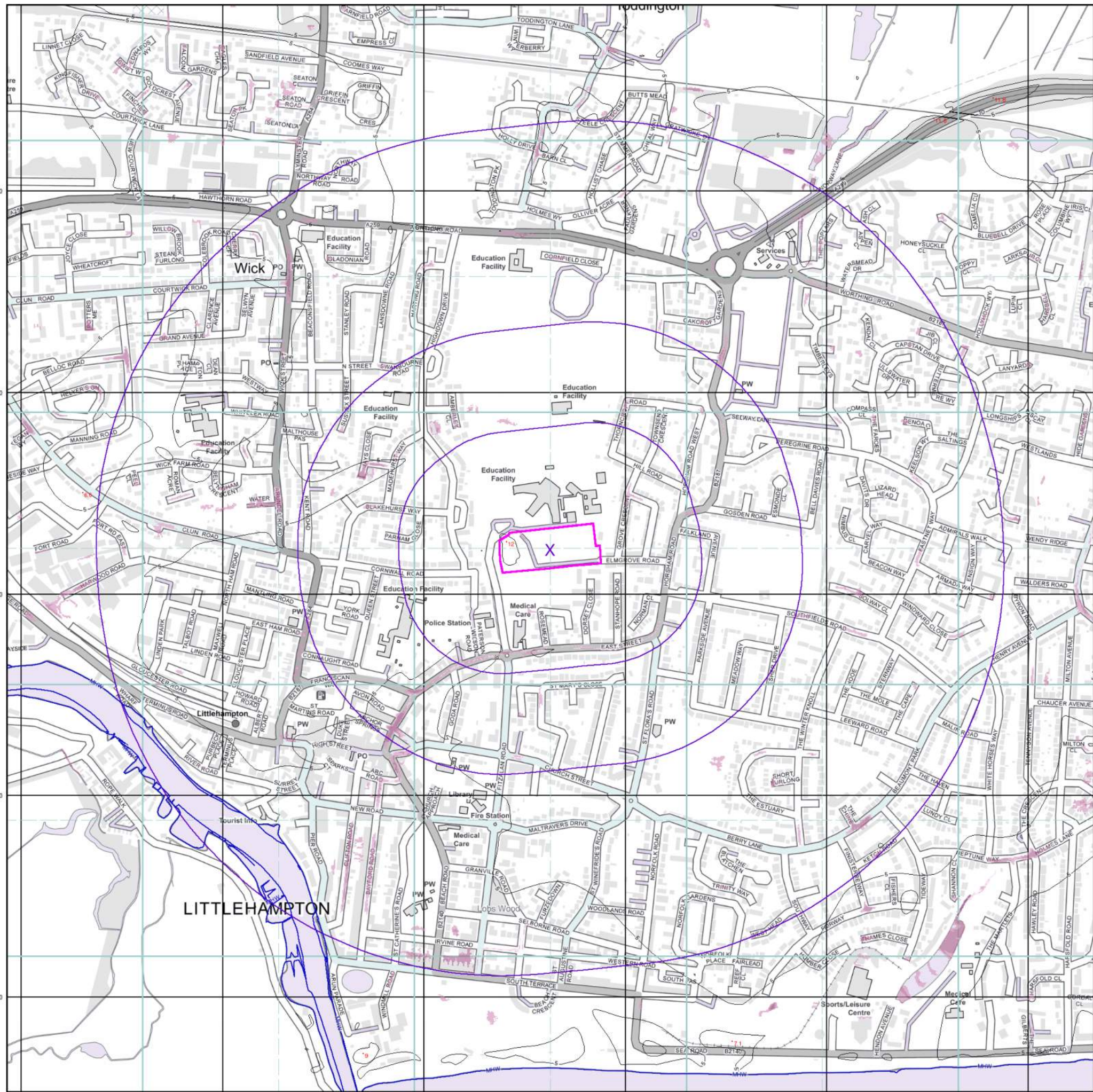
Order Number: 274030400_1_1
 Customer Ref: S208134
 National Grid Reference: 503310, 102610
 Slice: A
 Site Area (Ha): 2.37
 Search Buffer (m): 1000

Site Details

Littlehampton, Fitzalan Road, LITTLEHAMPTON, BN17 6FE



502000 502500 503000 503500 504000 504500



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EA/NRW Surface Water 30 Year Return Depth Map (1:10,000)

General

Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Depth

0 - 0.15m
0.15 - 0.30m
0.30 - 0.60m
0.60 - 0.90m
0.90 - 1.20m
> 1.20m

Contours (height in metres)

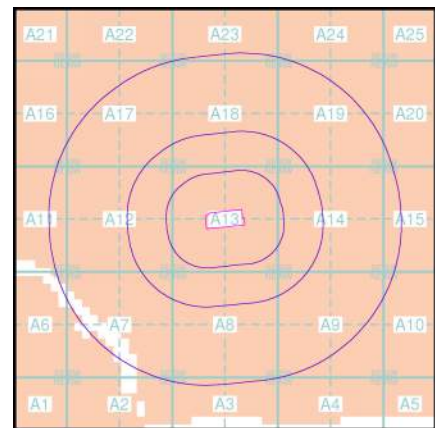
Standard Contour 105 100 95
Master Contour 100 95
Spot Height *167.8
MLW Mean Low Water
MHW Mean High Water

Suitability

See the suitability map below

National to county
County to town
Town to street
Street to parcels of land
Property

EA/NRW Suitability Map - Slice A



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EANRW Surface Water 100 Year Return Depth Map

General

Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Depth

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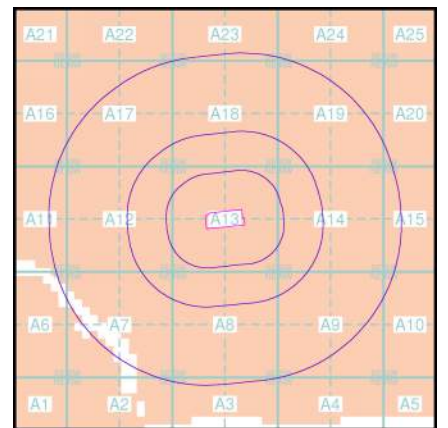
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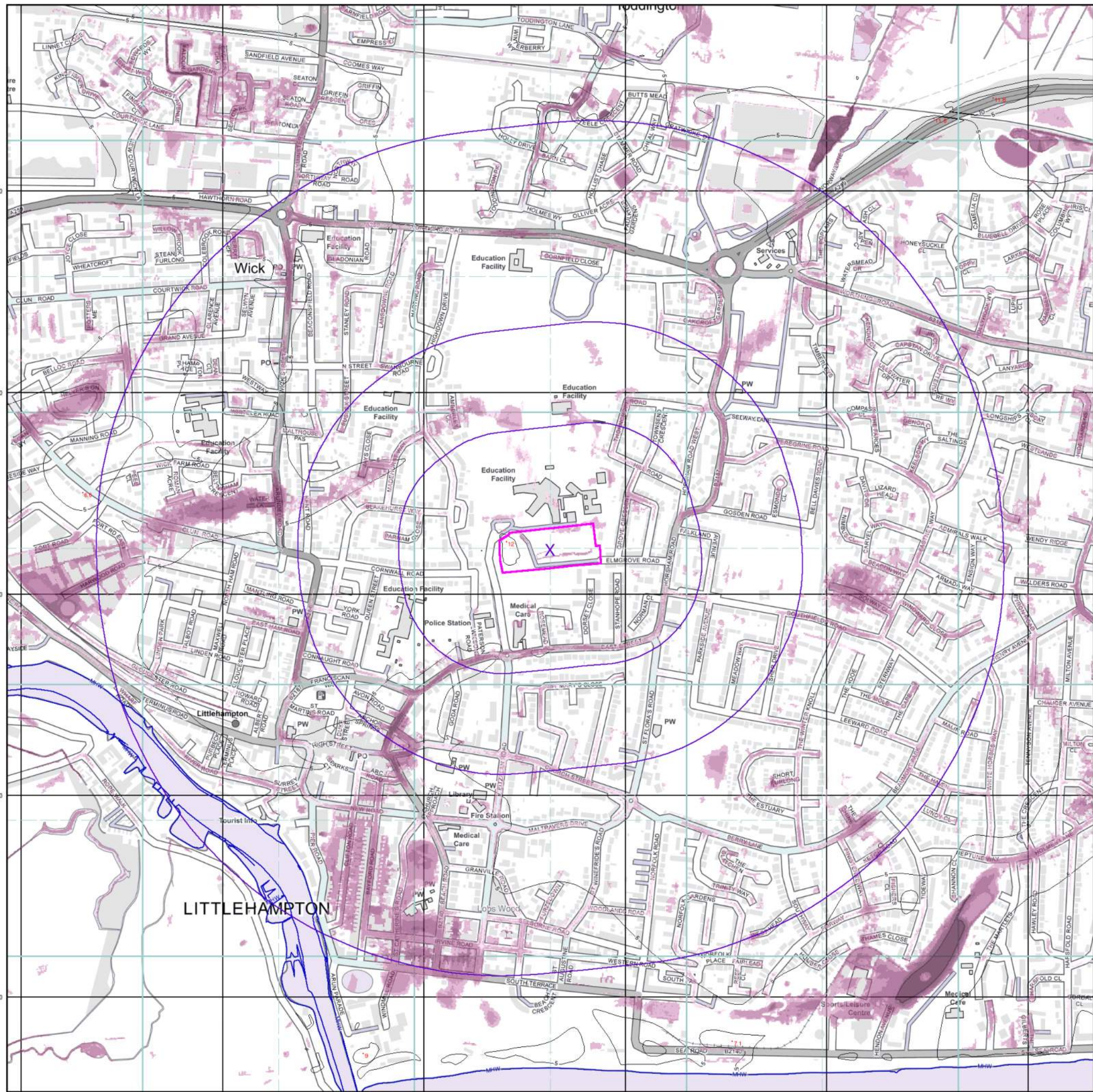
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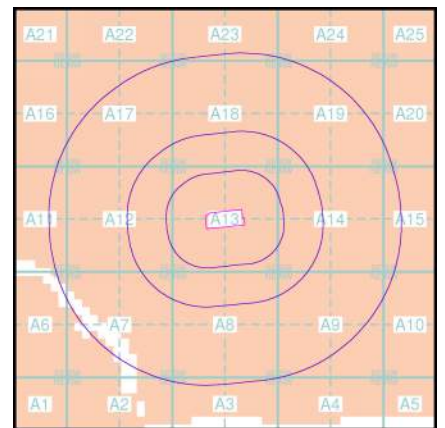
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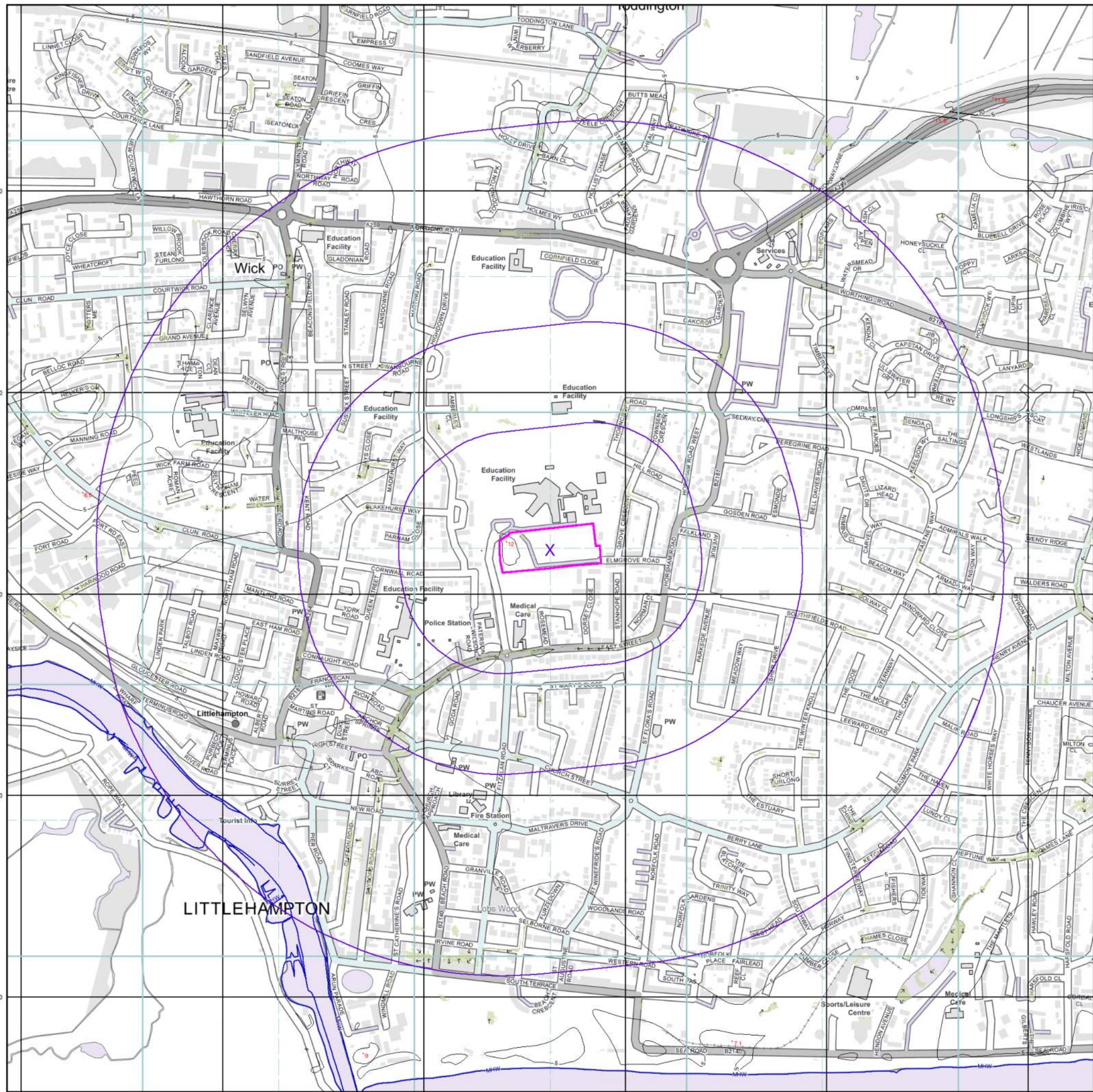
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EANRW Surface Water 30 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Velocity and Direction

0.00 - 0.25m/s
0.25 - 0.50m/s
0.50 - 1.00m/s
1.00 - 2.00m/s
> 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour 105 100 95
Master Contour
Spot Height *167.8

MLW Mean Low Water
MHW Mean High Water

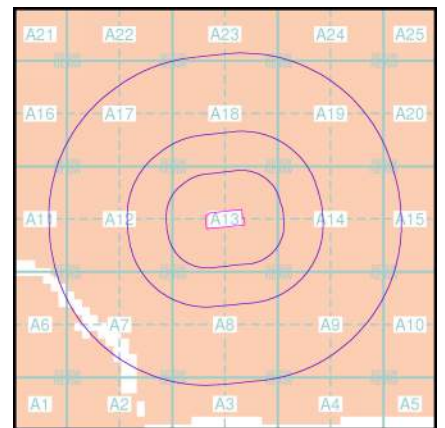
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EANRW Suitability Map - Slice A



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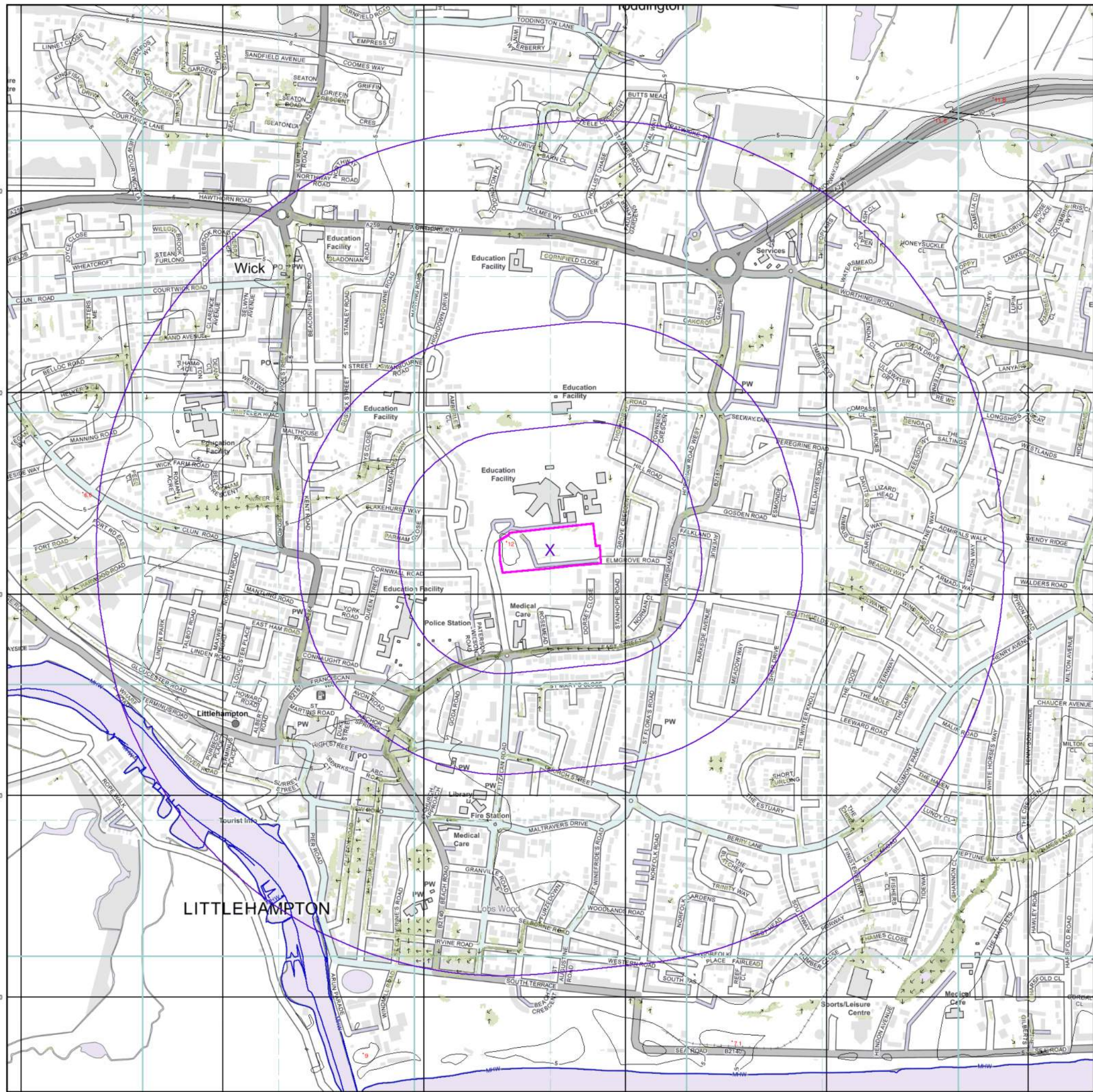
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EANRW Surface Water 100 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site Specified Buffer(s) Bearing Reference Point

Surface Water Velocity and Direction

0.00 - 0.25m/s
0.25 - 0.50m/s
0.50 - 1.00m/s
1.00 - 2.00m/s
> 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

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Spot Height 167.8

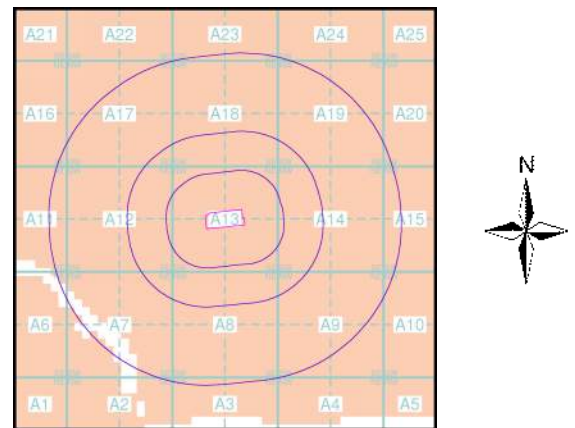
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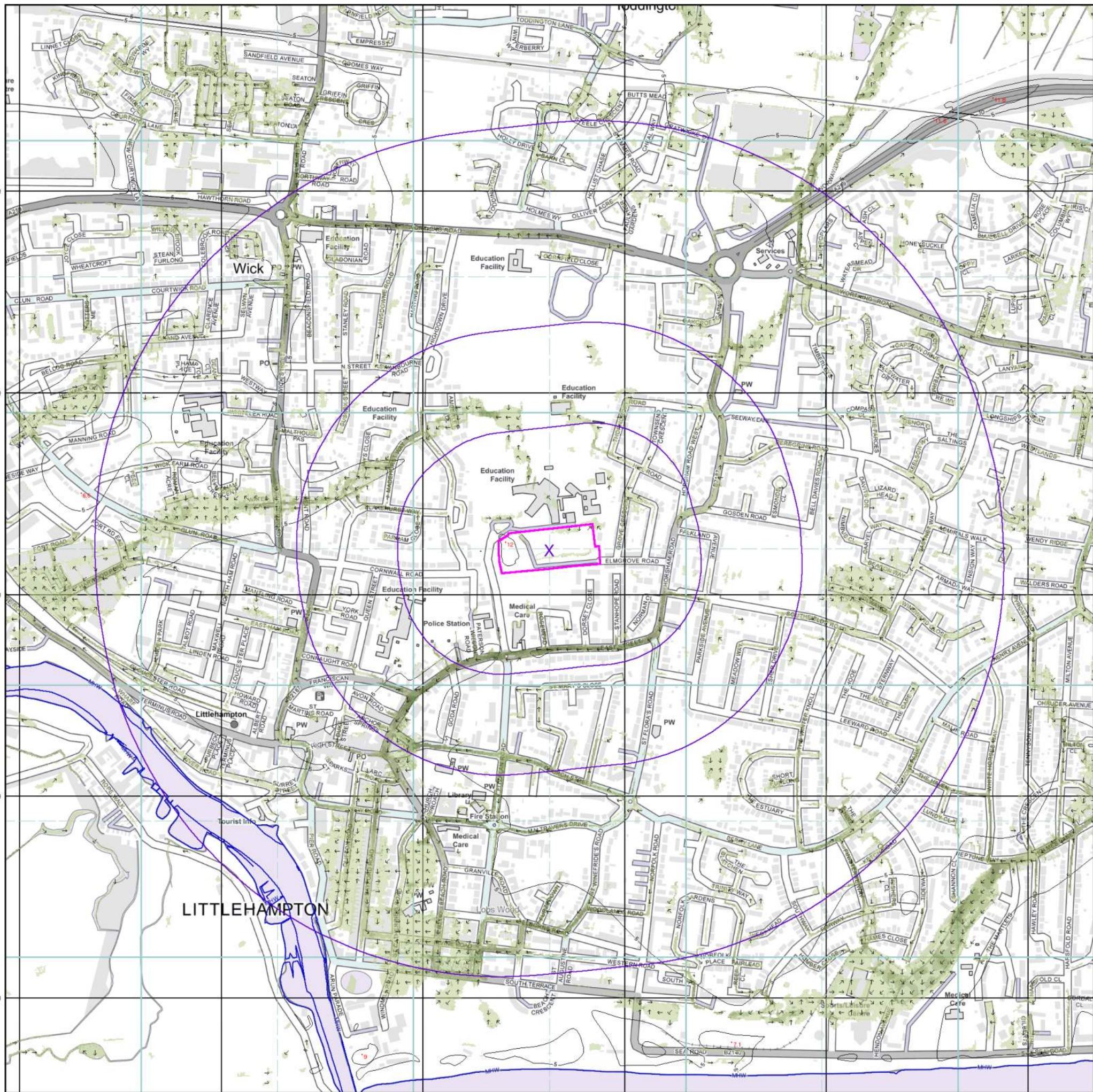
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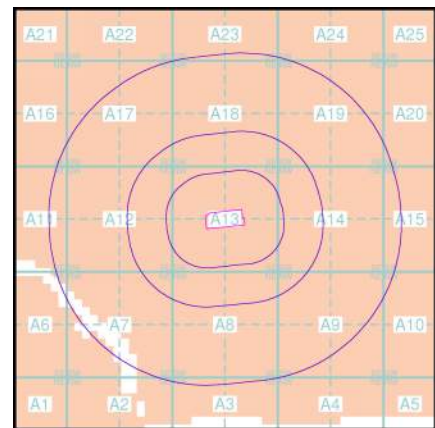
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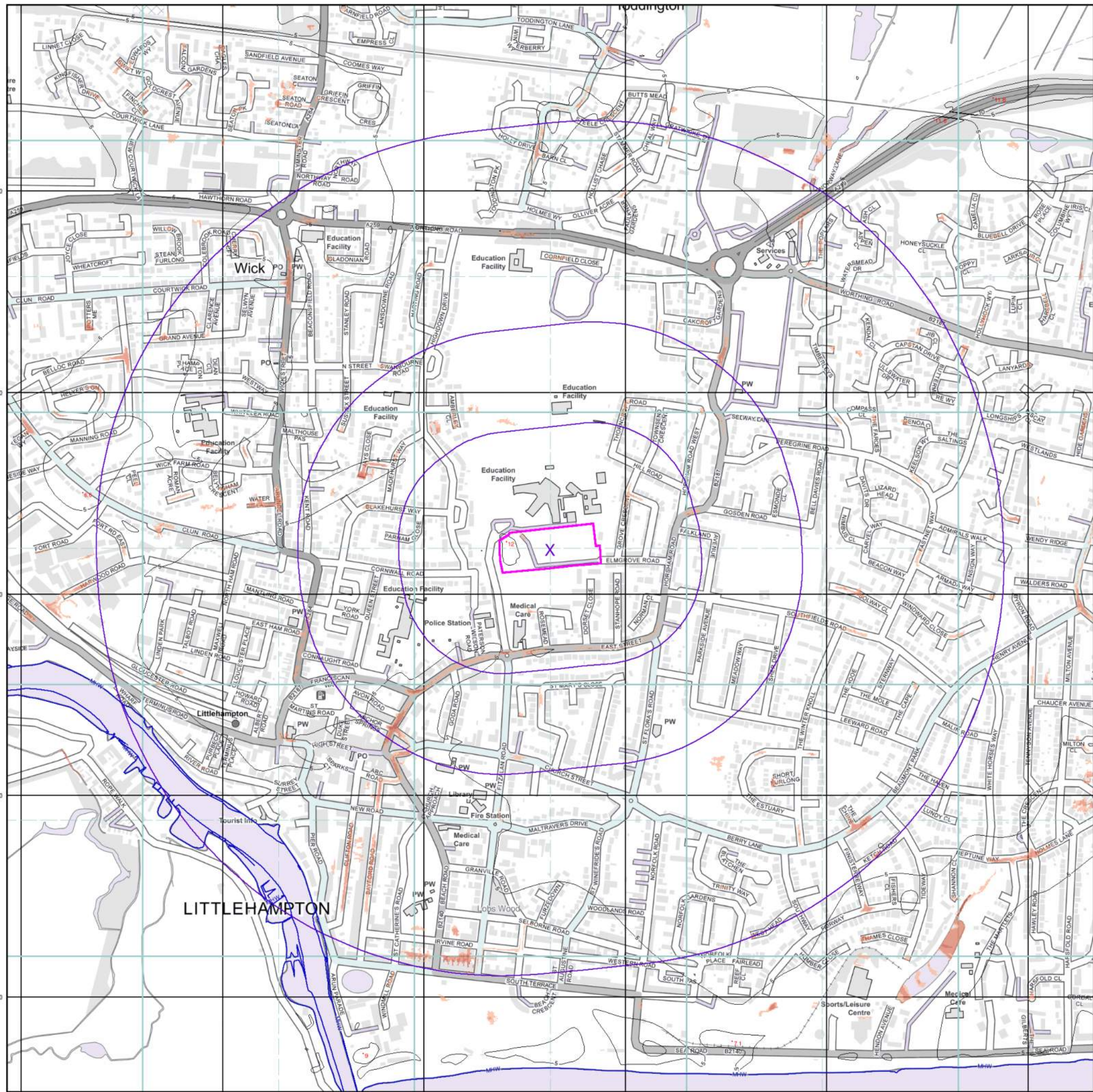
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EANRW Surface Water 30 Year Return Hazard Rating Map (1:10,000)

General

Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Hazard Rating

Low (0.5 – 0.75)
Moderate (0.75 – 1.25)
Significant (1.25 – 2.0)
Extreme (>2.0)

Contours (height in metres)

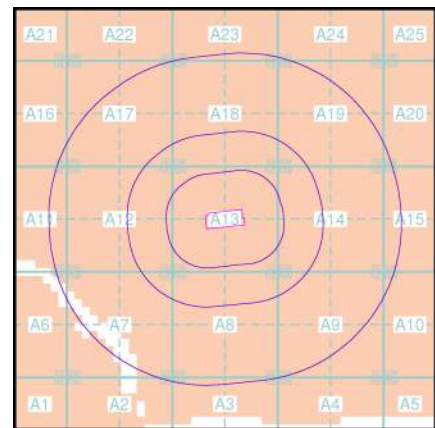
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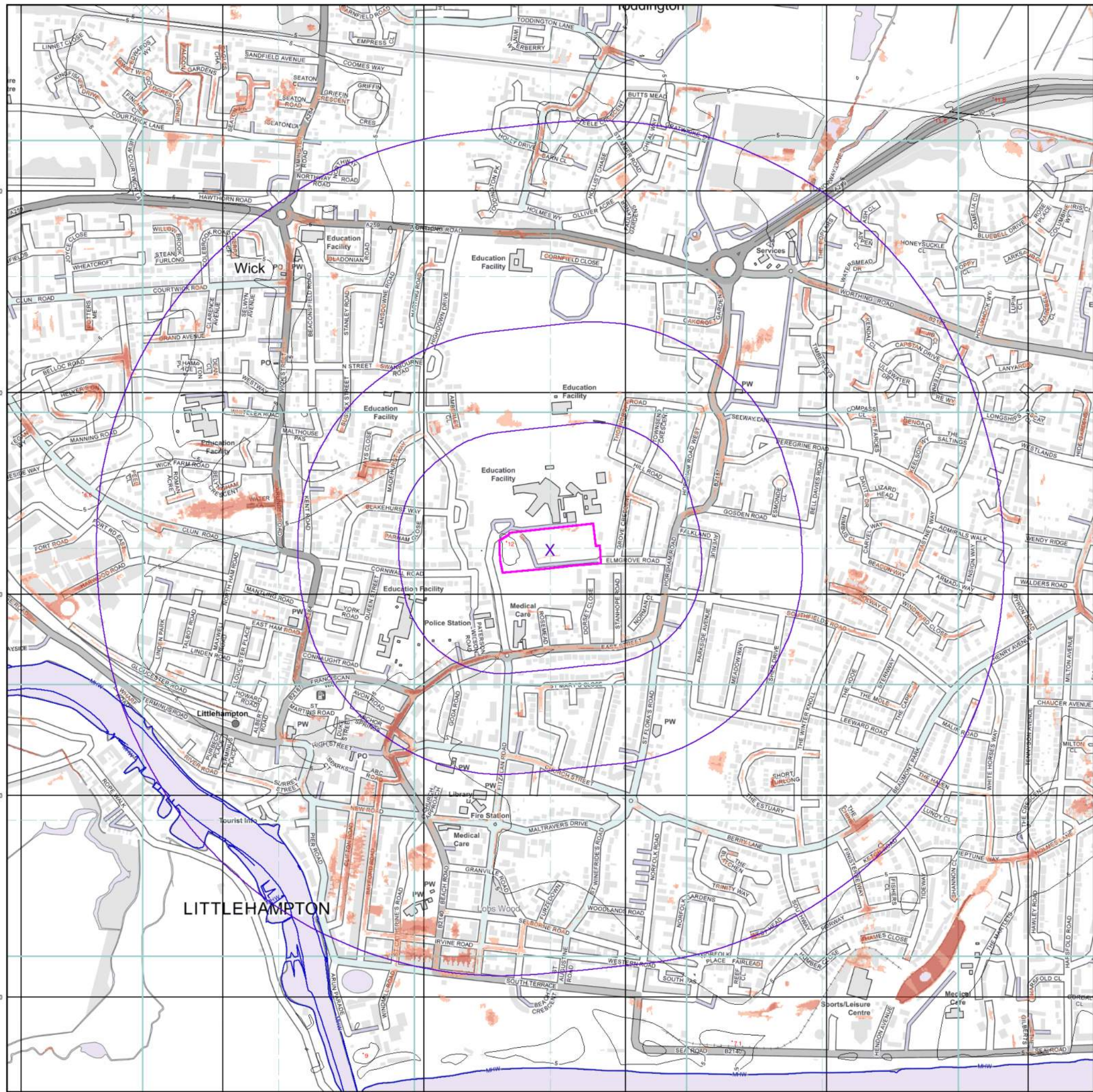
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EANRW Surface Water 100 Year Return Hazard Rating Map (1:10,000)

General

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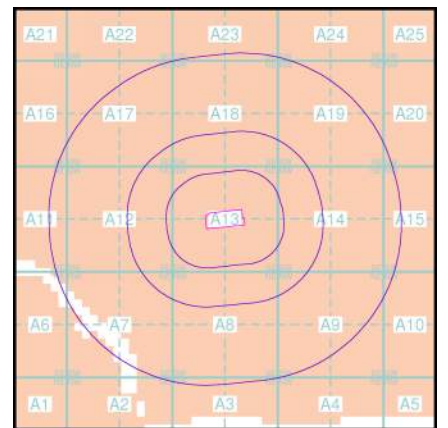
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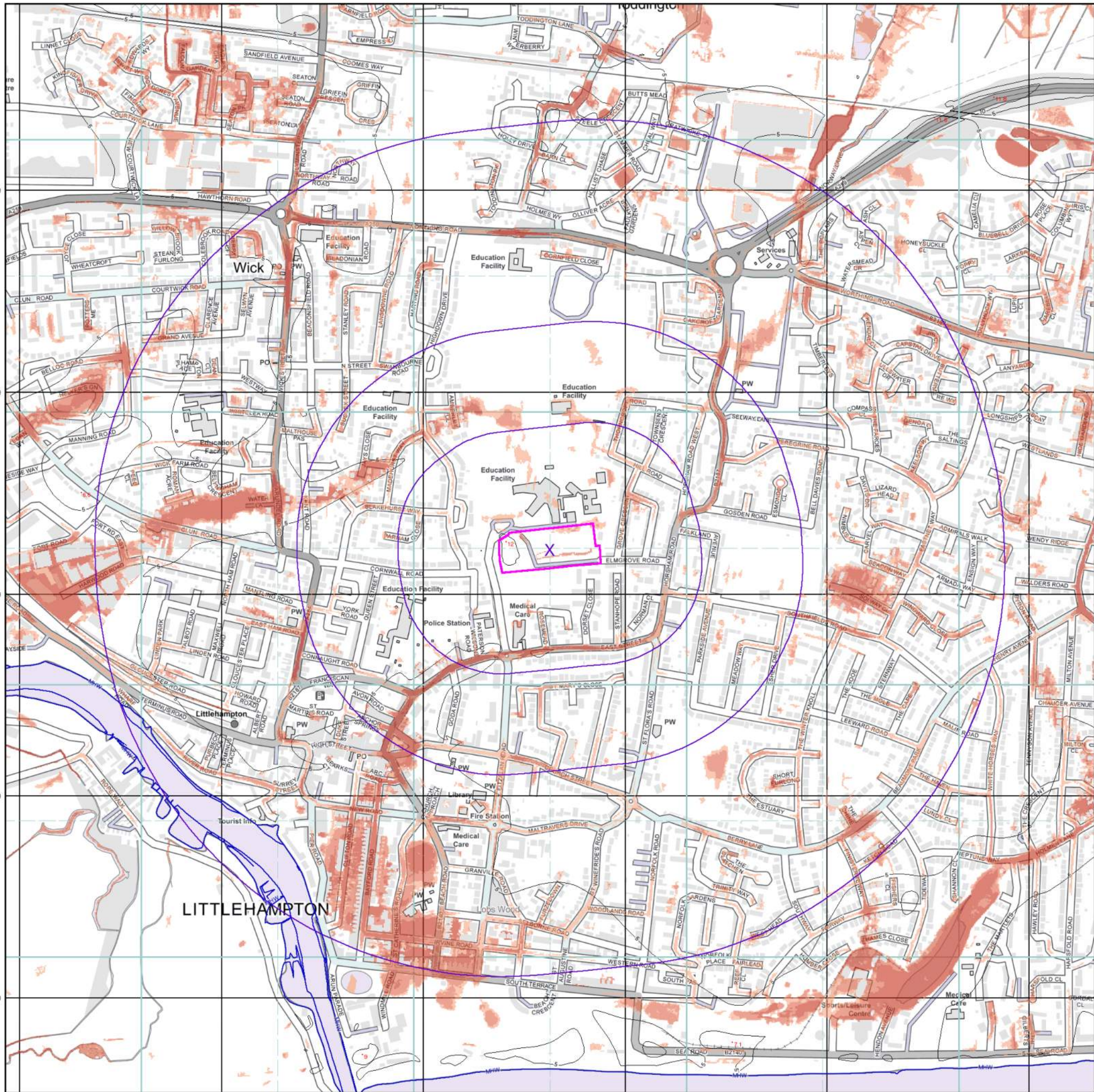
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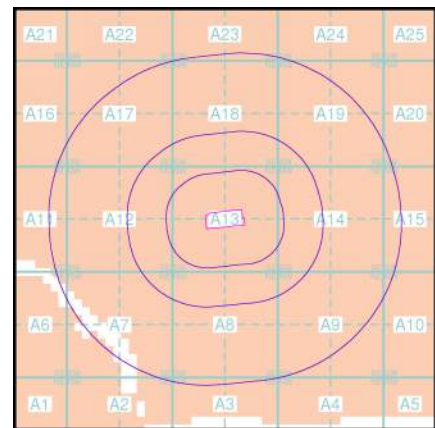
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EA/NRW Suitability Map - Slice A



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Slice: A
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Search Buffer (m): 1000

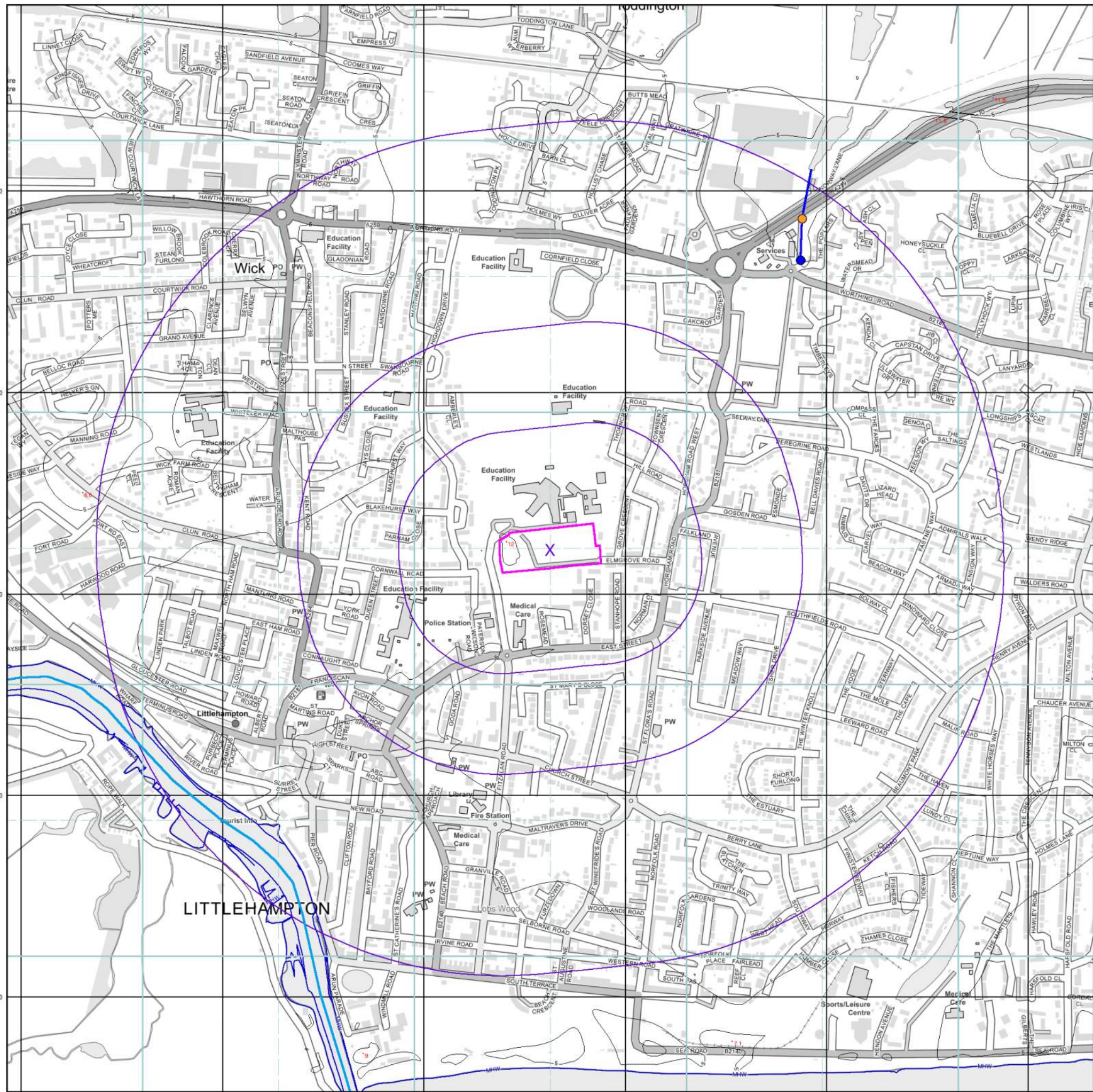
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OS Water Network Lines Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

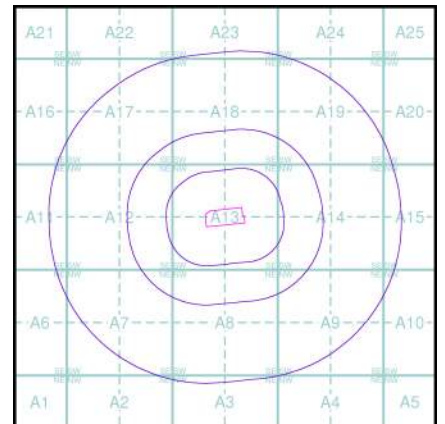
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |
| Junction | Source |
| Outlet | Other |
| Pseudo | |

Contours (height in meters)

- Standard Contour 105
- Master Contour 100
- Spot Height 167.3
- MLW Mean Low Water
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OS Water Network Map - Slice A



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EA/NRW Historic Flood Map (1:10,000)

General

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- Specified Buffer(s)
- Bearing Reference Point
- Map ID

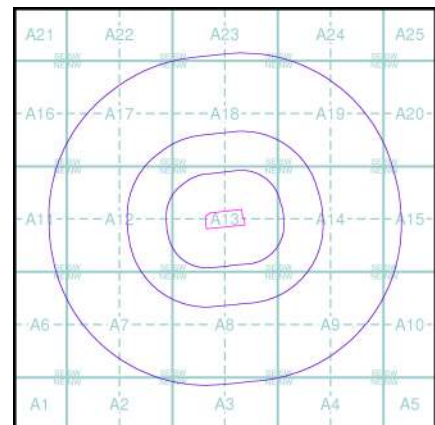
Historic Flood Events Data

- | | |
|--|--|
| Channel Capacity Exceeded (no raised defences) | Obstruction/Blockage - Culvert |
| Channel Capacity Exceeded /Surface Water | Obstruction/Blockage - Debris Screen |
| Groundwater/High Water Table | Operational Failure/ Breach of Defence |
| Local Drainage/Surface Water | Other |
| Mechanical Failure | Overtopping of Defences |
| Obstruction/Blockage - Bridge | Surface Water |
| Obstruction/Blockage - Channel | Unknown |
| Historical Flood Liabilities | |

Contours (height in metres)

- Standard Contour 105 95
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EA/NRW Historic Flood Map - Slice A

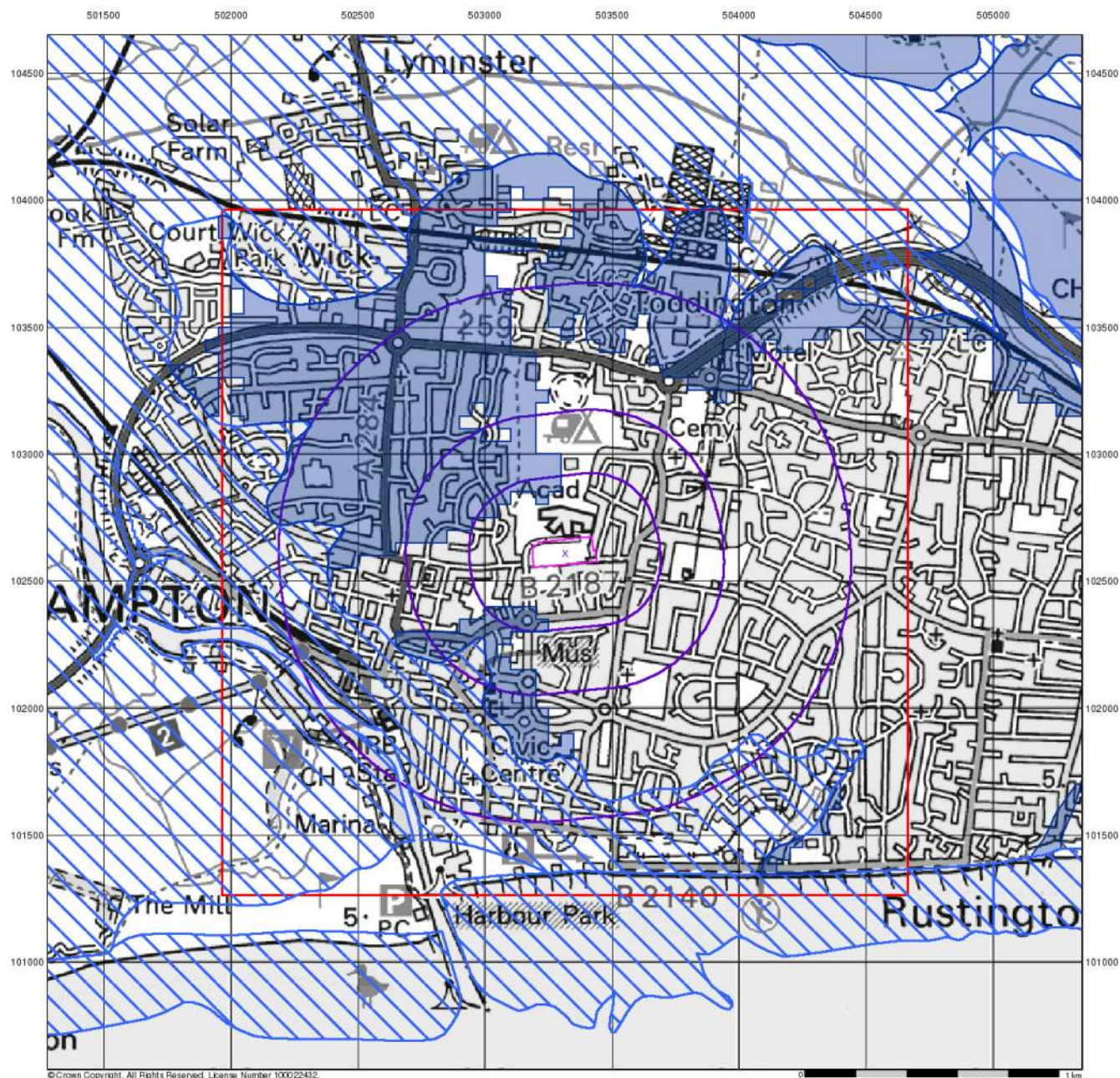


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BGS Flood Data (1:50,000)

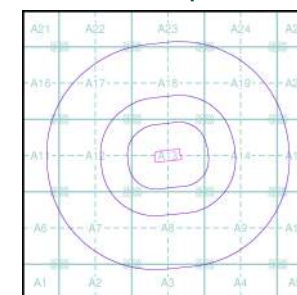
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

BGS Geological Indicators of Flooding

- Coastal
- Inland
- Bodies of Water

BGS Flood Data Map - Slice A



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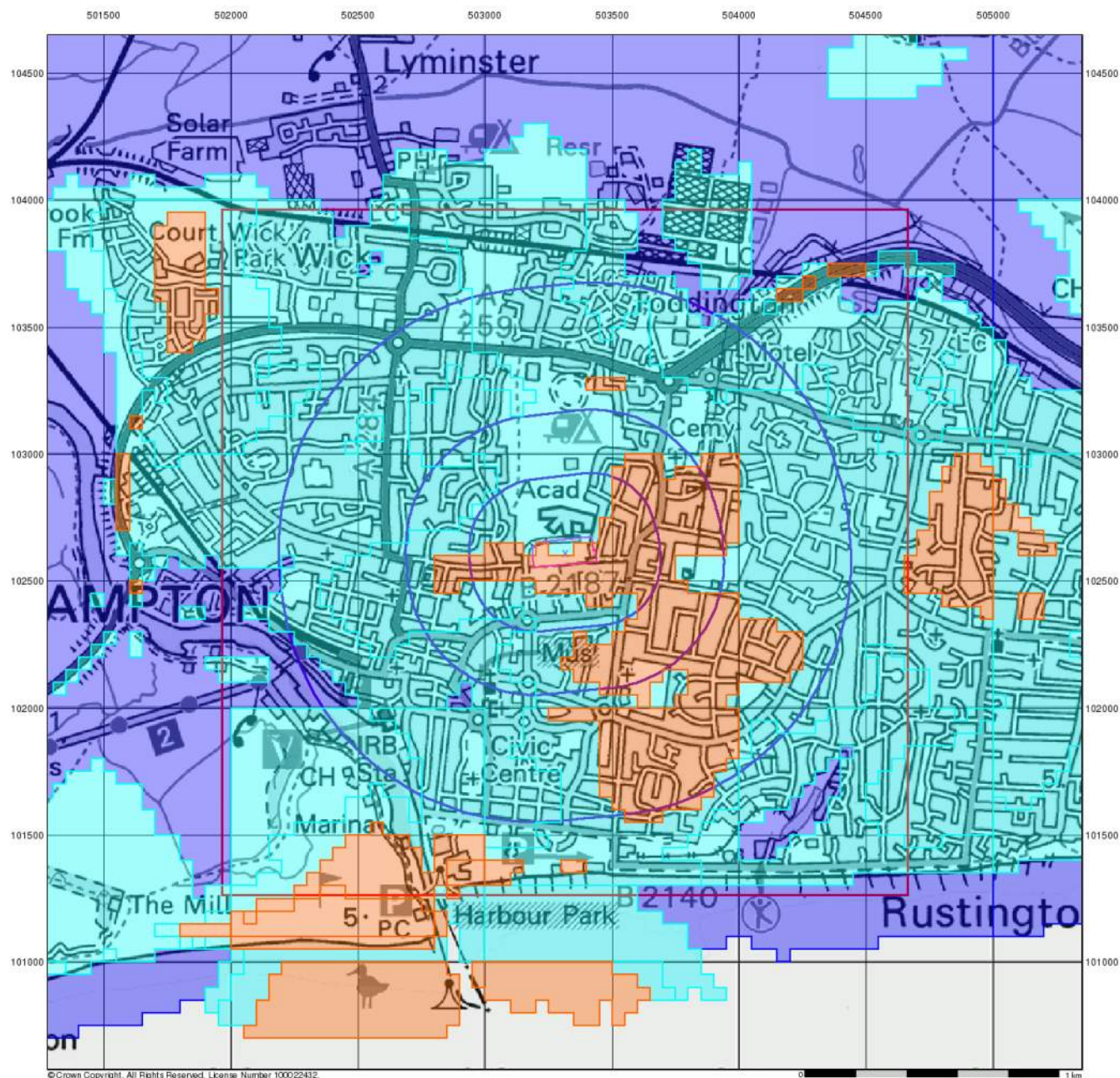
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BGS Flood Data (1:50,000)

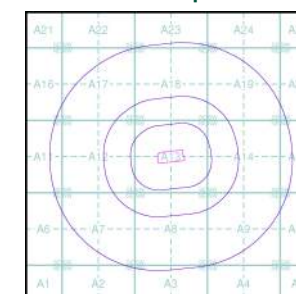
General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

BGS Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

BGS Flood Data Map - Slice A



Order Details

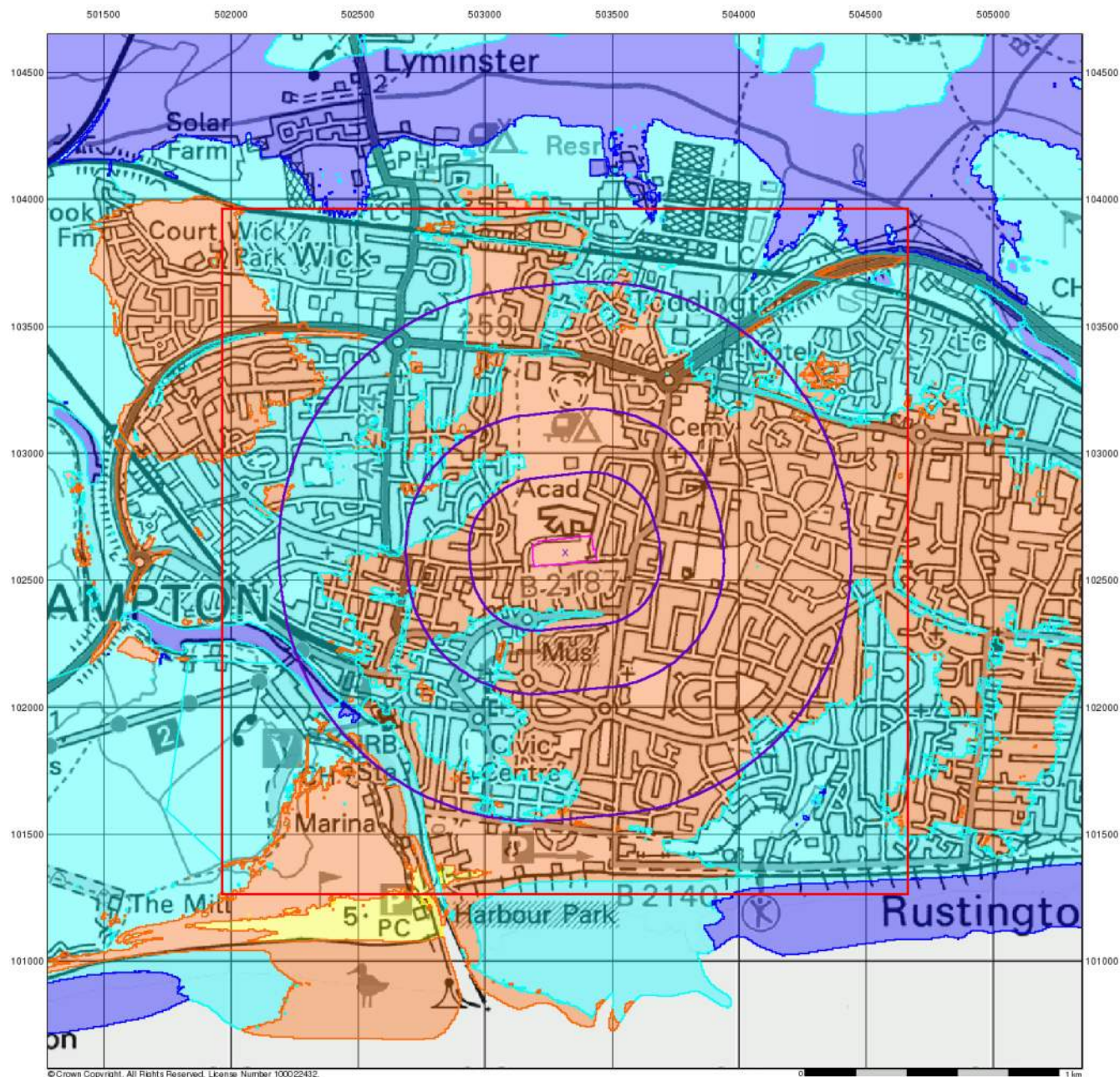
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GeoSmart Information Groundwater Flood Map (1:50,000)

General

Specified Site Specified Buffer(s) Bearing Reference Point

Slice

GeoSmart Information Groundwater Flooding Risk

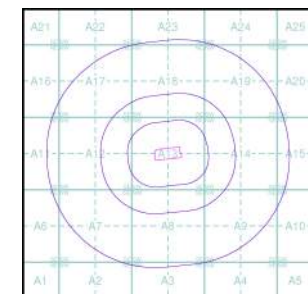
High Risk

Moderate Risk

Low Risk

Negligible Risk

GeoSmart Information Groundwater Flood Map - Slice A



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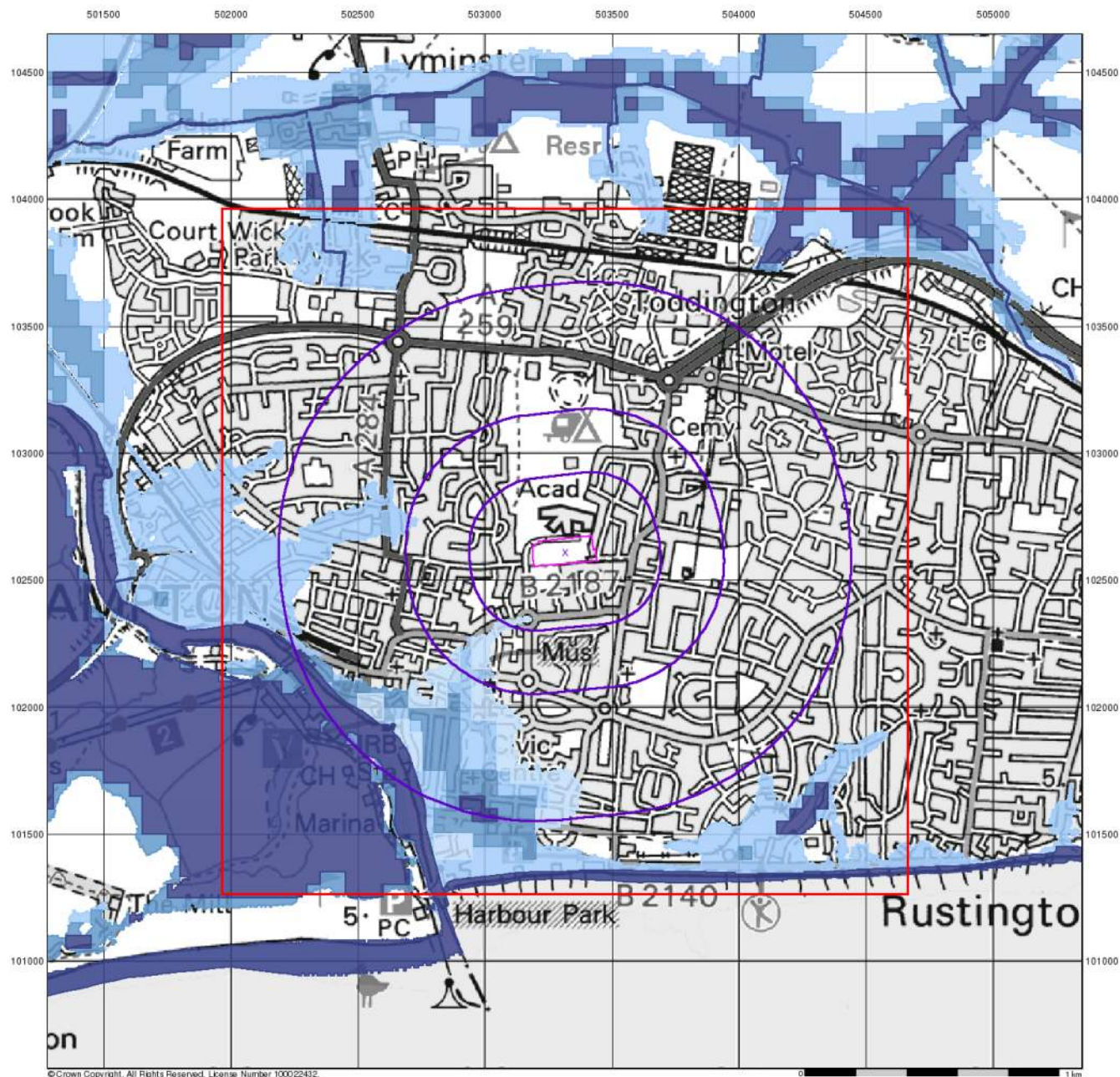
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0 1 km

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EA/NRW RoFRS Data (1:50,000)

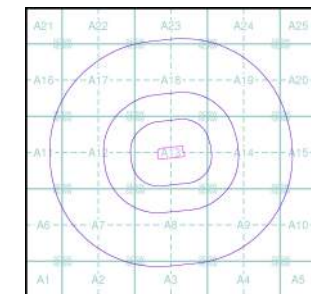
General

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- Map ID

Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

EA/NRW RoFRS Data Map - Slice A



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Appendix D

Proposed Site Plans

Schedule of Accommodations									
Block 1	-	Apartments	-	32	- 4 storey's	car parking -	1 space per apartment unit	=	32
23 x 1bed 2person	-		-				1 per house 2bed	=	26
9 x 2bed 4person	-		-				2 per house 3bed	=	108
2bed 4p	-	House	81.9m2	-	24	- 2 storey's	Car Club	=	2
2bed 4p M4(3)	-	House	81.9m2	-	2	- 2 storey's	Residents Visitor Parking (10%)	=	10
3bed 4p	-	House	88.9m2	-	54	- 2 storey's			
A	-	Affordable units							
+	-	Indicated 2bed houses							
TOTAL	-	112 units		-	80 houses and 32 Apartment	Total		=	178

CDM 2015 Health & Safety Information

This information relates only to 'Significant Hazards' identified on this drawing and is to be read in conjunction with the Designer's Hazard Register.



KEY:

- Substation
- Proposed low ornamental hedging
- Grass verges and open spaces using species rich seed mix - Flowering lawn seed mix
- Wildflower/grass meadow seed mix
- Proposed low evergreen hedging clipped to table form
- Private seeded grass garden areas
- Strong lawn grass mixture
- Proposed linear native mixed hedging
- Adopted main routes/roads
- Standard black bitumastic macadam

- Proposed pond
- Proposed rain garden
- Shared surface - Concrete block paving
- Parking bays - Concrete block paving
- Block demarcation indicating footpath connections
- Private Terrace/Footpaths - Concrete flag paving
- Close boarded timber fence 1.8m height to include hedgehog size gaps beneath the fences.
- Existing Trees
- Proposed Trees

- Pavilion structure
- Timber elements with additional seating
- Confirmed sewer easement zone
- Grow your own zone
- Timber raised planters
- NVDH hardwood bench
- Site Boundary

Client's Name

BoKlok



Job Title
Land at Fitzalan Road - Littlehampton (6920)

Drawing Title

Illustrative Site Plan

Scale
1:500 @ A1 / 1:1000 @ A3

metres 10 20 30 40

Drawn

MN/FH

Checked

PF

Date

15.01.21

Job No

LTH-ECE-XX-XX-DR-A-SL-5012 P08

Drawing No

Rev

Status

S2 / PRELIMINARY

P08	08.03.21	Amended roof colour	GG	MN
P07	05.03.21	Final Draft Planning Issue	FH	MN
P06	03.03.21	Substation reallocated.	FH	MN
P05	01.03.21	Layout revised with full service survey info	FH	MN
P04	24.02.21	Layout revised after additional service survey info	FH	MN
P03	10.02.21	Parking numbers amended	GG	MN
P02	04.02.21	Updated Site Plan with landscape information, refuse and cycle storage	GG	MN

P01	15.01.21	DRAFT issue	MN/YY/FH	MN
Rev	Date	Revision Details	Dr	Ch

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CAD Plot date: 8/03/2021 - 09:46:45

6920 site plan.dwg