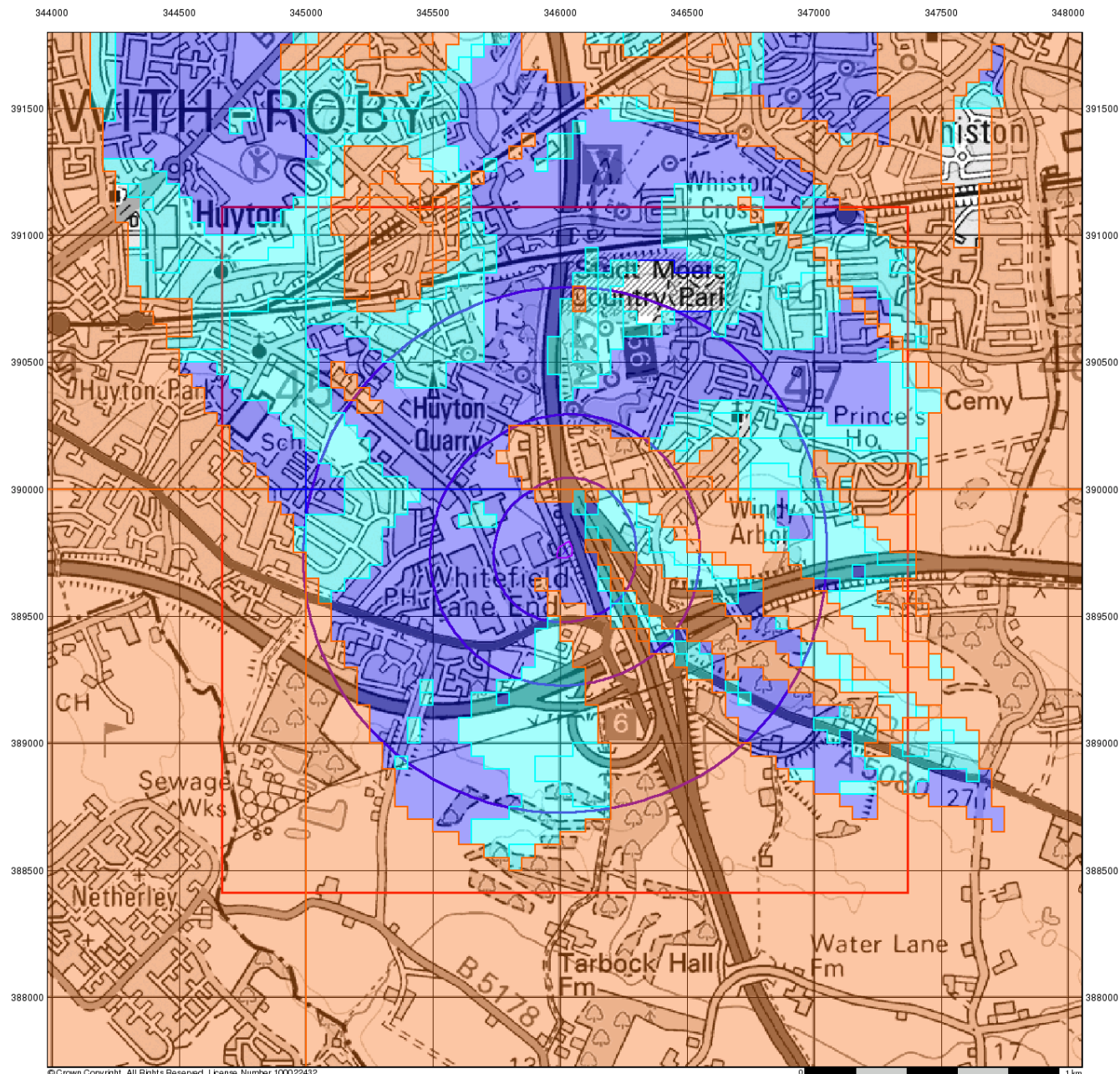




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BGS Flood Data (1:50,000)

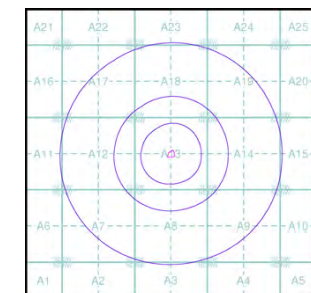
General

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

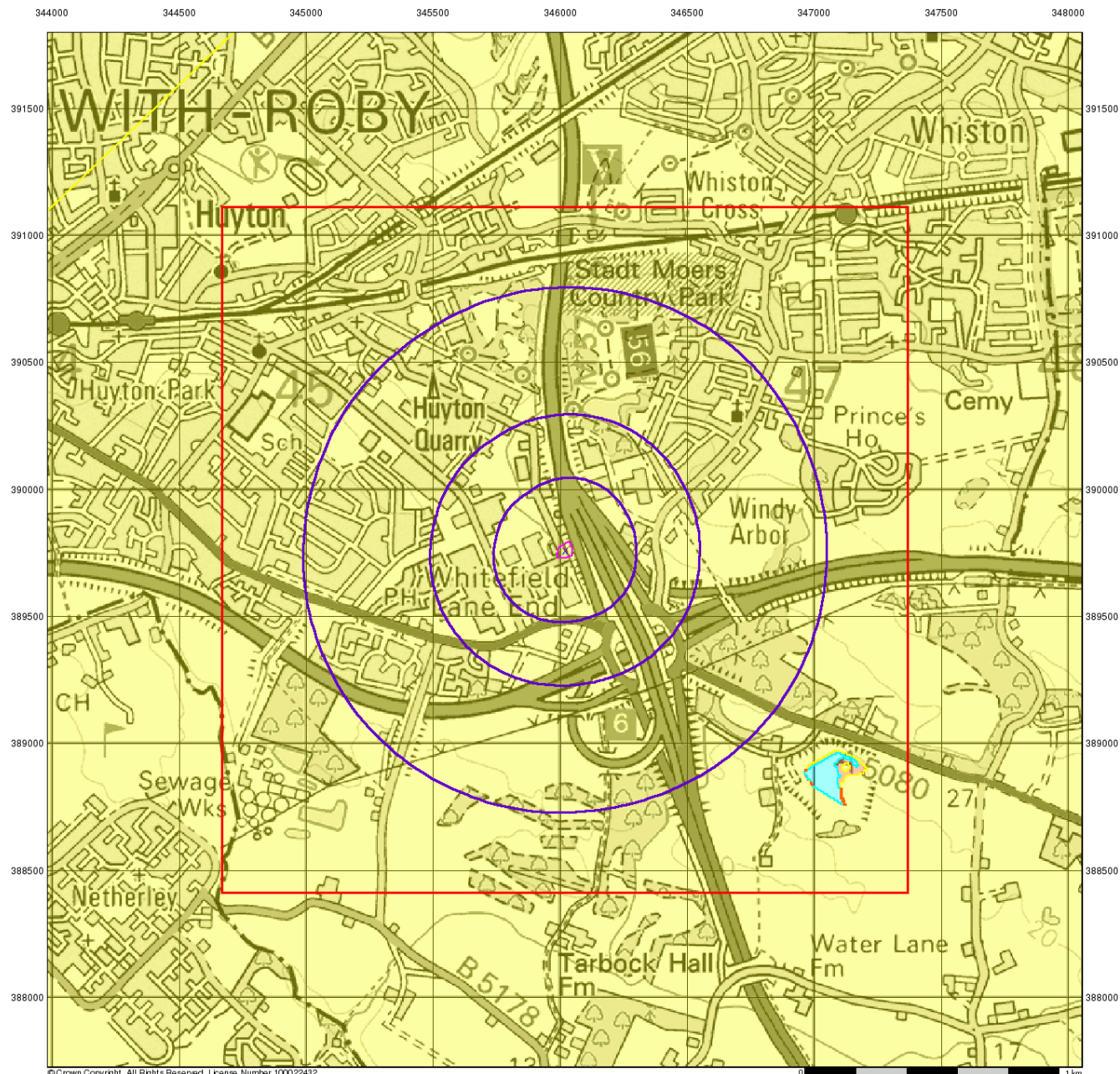
Order Number: 284219328_1_1
 Customer Ref: Fleet Factor
 National Grid Reference: 346020, 389760
 Slice: A
 Site Area (Ha): 0.3
 Search Buffer (m): 1000

Site Details

Site at 346030, 389770

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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

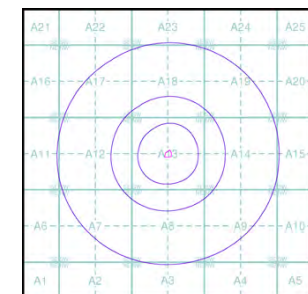
High Risk

Moderate Risk

Low Risk

Negligible Risk

GeoSmart Information Groundwater Flood Map - Slice A



Order Details

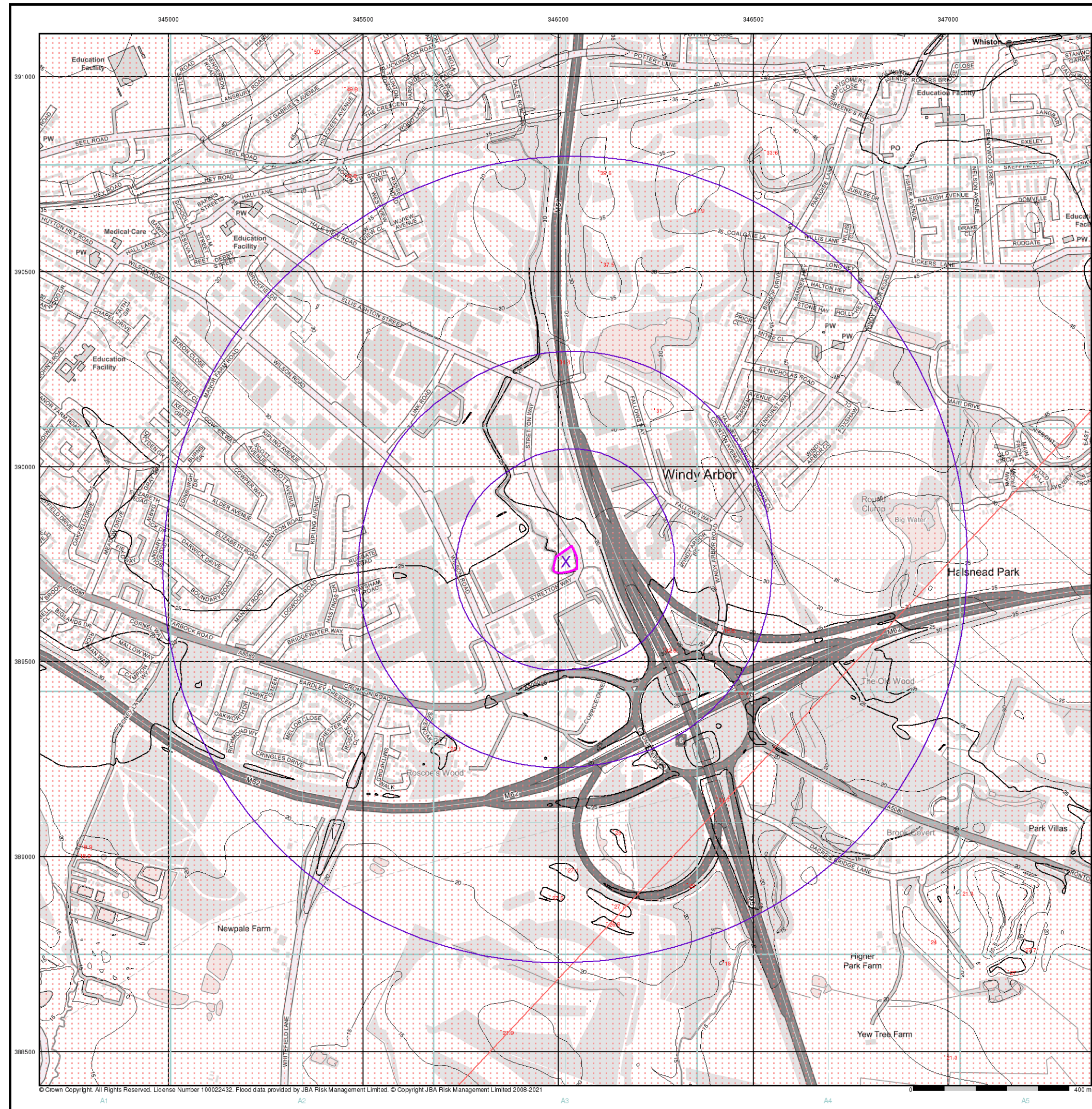
Order Number: 284219328_1_1
Customer Ref: Fleet Factor
National Grid Reference: 346020, 389760
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Site at 346030, 389770

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JBA Canal Failure Map (1:10,000)

General

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

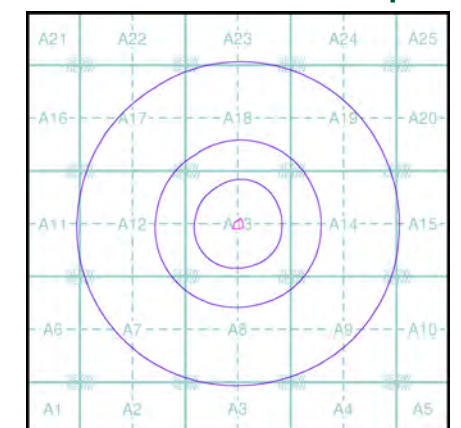
Flood Data

- Canal Failure
- Coverage

Contours (height in metres)

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

JBA Canal Failure Flood Map - Slice A



Order Details

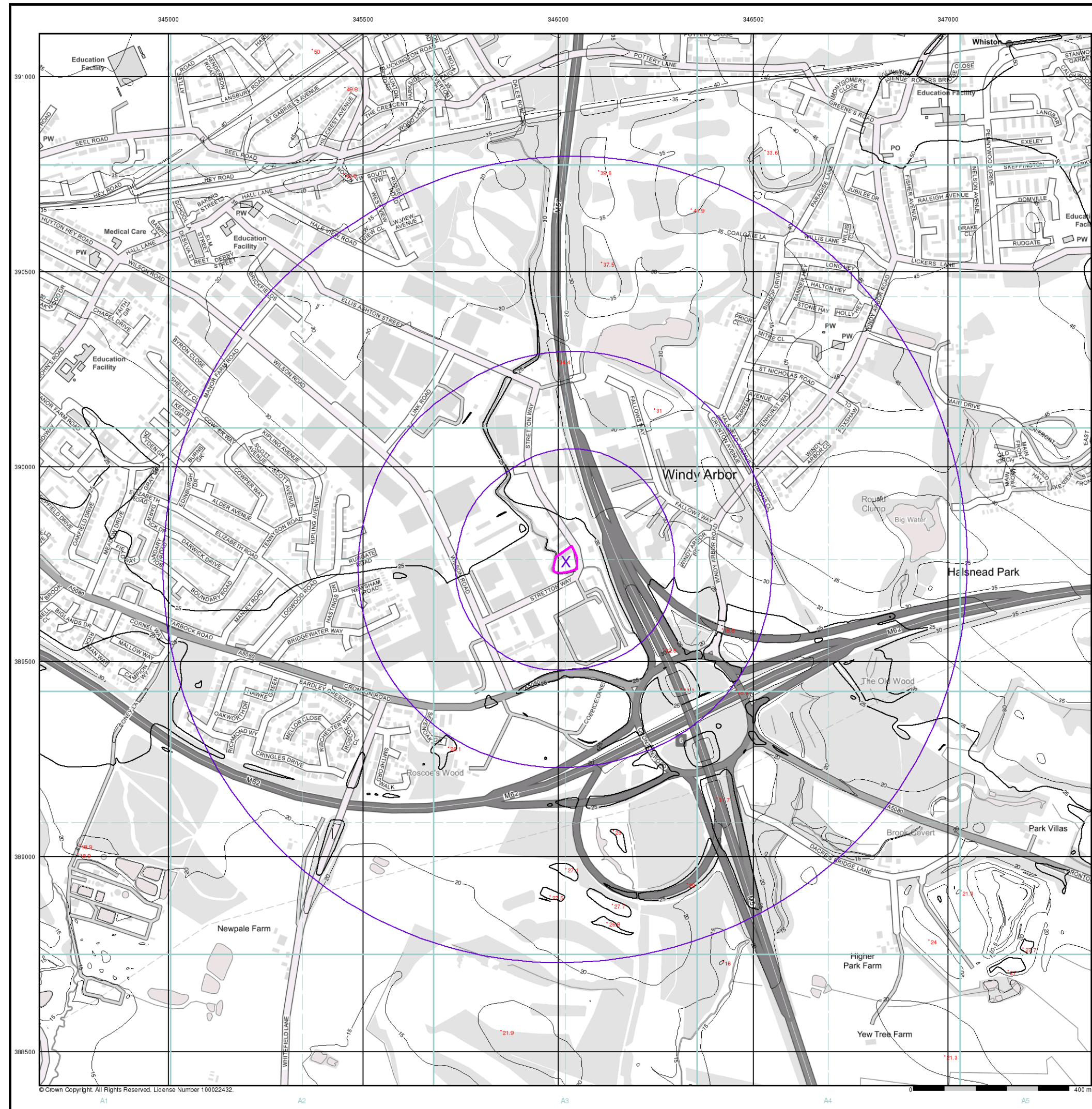
Order Number: 284219328_1_1
Customer Ref: Fleet Factor
National Grid Reference: 346020, 389760
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Site at 346030, 389770

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

General

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

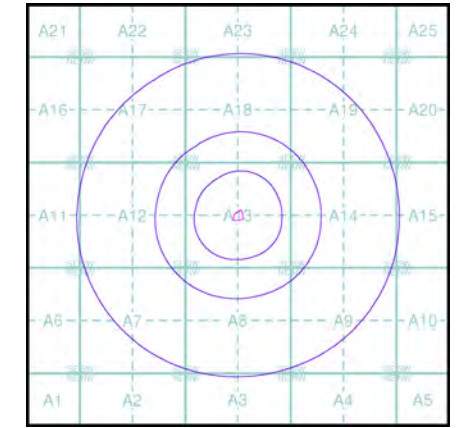
Historic Flood Events Data

- | | |
|--|--|
| 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 105 100 95
- Master Contour
- Spot Height 167.8
- MLW Mean Low Water
- MHW Mean High Water

EA/NRW Historic Flood Map - Slice A



Order Details

Order Number: 284219328_1_1
Customer Ref: Fleet Factor
National Grid Reference: 346020, 389760
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

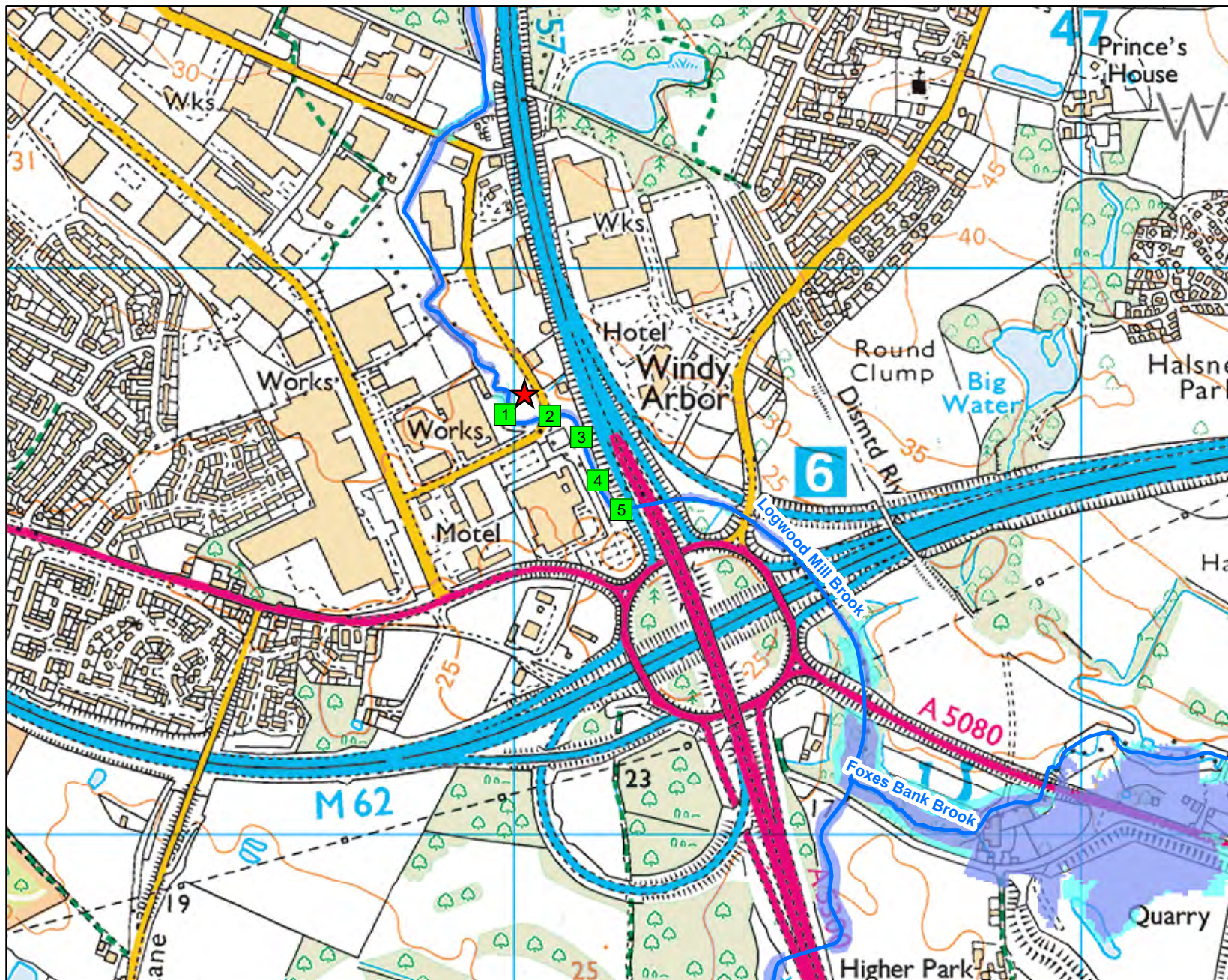
Site at 346030, 389770

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Appendix G
Environment Agency Product 4 Data

Detailed Flood Map centred on Stretton Way, Huyton Liverpool, L36 6JF. Created on 09/08/2021 [GMMC228494AB]



1:10,001



Legend

- ★ Site Location
- Model Measurements
- Main River
- Flood Zone 3
- Flood Zone 2

					Undefended						
Map Reference	Model Node Reference	Easting	Northing	Data	10 % AEP (1 in 10 year)	4 % AEP (1 in 25 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + Climate Change*	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)
1	ea013_0168_Logwood_067	345986	389742	Modelled Water Level (m aodN)	21.37	21.54	21.78	21.86	22.06	22.04	22.61
				Modelled Flow (cumecs)	5.62	6.81	8.66	9.29	11.03	10.87	16.32
2	ea013_0168_Logwood_069	346065	389739	Modelled Water Level (m aodN)	20.99	21.11	21.27	21.32	21.45	21.44	21.84
				Modelled Flow (cumecs)	5.76	6.98	8.87	9.53	11.30	11.13	16.77
3	ea013_0168_Logwood_070	346121	389701	Modelled Water Level (m aodN)	20.43	20.56	20.76	20.83	20.99	20.98	21.56
				Modelled Flow (cumecs)	5.93	7.17	9.12	9.80	11.62	11.44	17.05
4	ea013_0168_Logwood_071	346150	389625	Modelled Water Level (m aodN)	20.16	20.34	20.59	20.68	20.87	20.85	21.50
				Modelled Flow (cumecs)	6.09	7.36	9.36	10.06	11.94	11.75	17.14
5	ea013_0168_Logwood_072	346191	389573	Modelled Water Level (m aodN)	19.85	20.00	20.22	20.30	20.50	20.48	21.28
				Modelled Flow (cumecs)	6.24	7.54	9.58	10.29	12.22	12.02	17.55

Model data taken from Logwood Mill Brook 2012

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes: *Climate Change Scenario - 20% increase in flow. We only hold climate change measurements based on the previous climate change guidance.

 The new climate change guidance is available at <https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances>. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.

Appendix H

Flood Compensation and Sage Egress / Access Layout

