

PINNACLE

CONSULTING ENGINEERS



Premium Due Diligence Report

LADY'S MEADOW, HINGHAM

Pinnacle Consulting Engineers Ltd

09 December 2024

Prepared for:

HINGHAM TOWN COUNCIL

**STRUCTURAL • CIVIL • DUE DILIGENCE • ENGINEERING MASTERPLANNING
FLOOD MANAGEMENT • INFRASTRUCTURE DESIGN
PRE-DEVELOPMENT ENGINEERING • BIM • TRANSPORTATION**

CONTACT DETAILS

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APPROVALS

	Name	Position	Date
Prepared by	Anthony Cabria	Principal Civil Engineer	02/12/24
Reviewed by	Jawsy Jabbar	Technical Director	02/12/24
Approved by			

REVISIONS

Revision By	Date	Context
Anthony Cabria	02/12/24	First issue

VERSIONS

Number	By	Date	Context
V1	Anthony Cabria	02/12/24	First issue

SOURCES OF DATA

Landmark Information Group	Public Utilities
British Geological Society	Environmental Agency
Google	Anglian Water
Openreach	NHER

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1 SITE REFERENCE DATA AND PROFESSIONAL TEAM

Reference Number	C240100591
Drawing Number Report Based Upon	Tbc- Concept Masterplan prepared by HTC
Development Type	Mixed-Use Community Centre and Carpark Areas
Car Parking Spaces	tbc
Site Area	3.94 hectares
Initial Instruction Date	May 2024
Confidentiality Status	Confidential
Report Date/Version Number	02/12/2024 v1
Consulting Engineer	Pinnacle Consulting Engineers
Architect	tbc
Quantity Surveyor	tbc
Highway Consultant	tbc
Planning Consultant	tbc
Environmental Consultant	tbc

2 ENGINEERING RISK SUMMARY

Low - Negligible (£☺☹)

Medium - Significant but controllable (££☺☺☹☹)

High - Potentially uncontrollable (£££☺☺☺☹☹☹)

Risk Area	Cost	Programme	Project	Key Risks
Topography	£	☺	☹	Remodelling site levels
Boundaries	£	☺	☹	Confirm developable area
Demolitions	£	☺	☹	Historical greenfield site prepared for development
Archaeology/Ecology	£	☺☺	☹	Cleared site prepared for development
Ground Conditions/Foundations	££	☺☺	☹	Cost of foundation solution
Environmental	£	☺☺	☹	Cost of arisings disposal and hot spots
Drainage	£	☺	☹	Negotiated discharge consent and attenuation/ infiltration volume subject to BRE365 infiltration test
Flooding	£	☺	☹	Low risk FZ1
On-Site Services	£	☺	☹	Greenfield site prepared for development
Off-Site Services	££	☺☺	☹☹	Subject to services advice to NRSWA

Further Investigation Cost Summary & Latest Advisable Timing

Area	Budget	Pre-Purchase	Pre-Planning	Pre-Construction
Environmental Overview	± £1,500	☺		
Topographical Survey	± £3,500	☺		
Geotechnical SI	± £10,000	☺		
Environmental SI	± £5,000	☺		
Environmental QRA	± £5,000		☺	
Soil Classification Testing	± £5,000			☺
Archaeological Desktop	± £5,000		☺	
Ecological Walkover	± £1,500	☺		
Asbestos Refurbishment and Demolition Survey	£nil			☺
CCTV Drainage Survey	£nil		☺	
Flood Risk Assessment	± £3,000		☺	
Subterranean Services Survey	£nil			☺

3 OTHER BUDGET CONSIDERATIONS

Disposal Classification Estimate	For budget purposes, assume a likely case allowance of £5,000 for a QRA and £25,000 for hot spot removal (risk of deleterious material being dumped from audacity development sites). Allow £5,000 for site soil classification testing/consultancy advice and an offsite arisings disposal split of 5% hazardous / 15% non-hazardous / 80% inert. Subject to SI, assume ground water remediation will not be required.
Asbestos Removal	As an existing agricultural land/ greenfield site prepared for development - £nil

4 SITE DETAILS

4.1 Site Visit/Location

Site Visit by	Pinnacle Consulting Engineers - tbc
Date	tbc
Access Restrictions	None apparent
Photographed	Yes, available – refer also to Google maps
Site Location	The proposed development at Lady's Meadow is located at National Grid Reference (NGR) TG018020/ TG0187202014 off Attleborough Road in Hingham Town, South Norfolk. Hingham is in South Norfolk District approximately 14 miles west of Norwich. Currently the proposed site is of agricultural use and surrounded by residential dwellings, the town hall, and the Rectory to the north, St. Andrew's Church and Mulberry House along Attleborough Road to the east and by the cemetery and Woodland Tales Forest School to the south and with further agricultural land to the west.

4.2 Description and Boundaries

Description/Current Uses	The site is an undeveloped plot of a masterplan site, prepared for development. It is accessed via Attleborough Road
Boundaries	<i>North</i> – Town Hall/ The Rectory/ dwelling houses <i>South</i> – Cemetery and Woodland Tales Forest School <i>East</i> – Bounding the Attleborough Road; St. Andrew's Church and Mulberry House along opposite side of Attleborough Road <i>West</i> – Bounding agricultural land
Footpaths/Rights of Way/Highways	None apparent, legal team to confirm.
Access To Third Party Land	None apparent, legal team to confirm.
Specific Boundary Treatments/Party Wall Issues	No boundary specific treatment anticipated.

5 AERIAL PHOTO



Site Location Plan

©2024 Google

6 SITE HISTORY SYNOPSIS

Map Date	Description	
1883- 1886	On Site	Greenfield agricultural land
	Off Site	The surrounding area is wholly greenfield to the north, west and east with the Attleborough Road running North / South, cemetery to the south
1906- 1907	On Site	As 1883- 1886
	Off Site	As 1883- 1886, but Manor House was built to the east of Attleborough Road
1952- 1953	On Site	As 1906- 1907
	Off Site	As 1906- 1907, but new dwellings built to the north-west along B1108 Watton Road
1958	On Site	As 1952- 1953
	Off Site	As 1952- 1953
1983	On Site	As 1958
	Off Site	As 1958, but new pumping station was built to the south-east of site at Hall Moor
2000	On Site	As 1983
	Off Site	As 1983, but new dwellings built to the north and east of the site
2006	On Site	As 2000
	Off Site	As 2000
2024	On Site	Greenfield agricultural land (as 2006)
	Off Site	As 2006

7 TOPOGRAPHY

Existing Topographical Survey	A Topographical Survey has not been provided. Allow \pm £3,500 for a project specific survey including highway extents.
Description of Current Topography	The site appears to be relatively flat and level
Remodelling Required	Allow for remodelling to required development falls.
Retaining Walls Required	No significant retaining are required

8 DEMOLITIONS

Requirement	As a previously greenfield site, and agricultural use, no demolition is anticipated.
Underground Obstructions	As a previously agricultural/ greenfield site, underground obstructions are not anticipated.
Potential Re-Use/Salvage	Subject to cost -benefit ratio and contamination assessment, excavated arisings could be used on site to remodel landscaping.
Existing Asbestos Survey	An Asbestos Survey has not been made available.
Likelihood of Asbestos	Low - allow £nil for an Asbestos Refurbishment and Demolition Survey and £nil for asbestos removal.

9 ARCHAEOLOGY

Archaeological Interest	Allow \pm £5,000 for an Archaeological Desktop Assessment Report.
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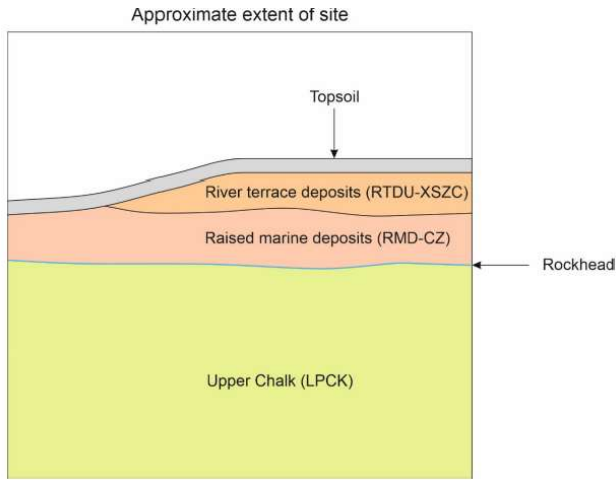
10 ECOLOGY

Ecological Check Assessment Category	Assume Category A - unlikely to be important. BNG and Nutrient Neutrality assessments may be required
Ecological Implications	Subject to survey - allow \pm £1,500 for a walkover survey report to consider the risk of notifiable plants and protected species.

11 GROUND CONDITIONS

Existing SI Available	An SI has not been made available. Allow \pm £10,000 for a site-specific SI.
Summary of Ground Conditions (Based on Data Collected through Desktop Study)	<p>Setting: The site is at an elevation of ca. 57 m – 62m above Ordnance Datum (OD). Hingham is in South Norfolk District approximately 14 miles west of Norwich. There are no main rivers or watercourses except for a ditch along the north of the site and another to the south boundary adjacent to the existing cemetery. When referencing Google Maps there are two ponds in the adjacent field, one to the west and the other to the south-west, the status of these ponds are unknown. The nearest body of water is the Three-Willows Lakes located approximately 600m southeast of the proposed site.</p> <p>Artificial ground: The site is an existing agricultural land. There is no anticipated artificial ground (made ground) at this site.</p> <p>Superficial deposits: The area is covered by superficial deposits of Lowestoft formation-Diamicton. Glacial drift (glacial gravel, sand and boulder clay) reach up to a depth of about 34m bgl.</p> <p>Rockhead depth: Rockhead will be at the base of the superficial deposits. Borehole logs record rockhead at 27m – 34m bgl.</p> <p>Bedrock: Underneath the superficial deposits is the bedrock of an undifferentiated formation of the Lewes Nodular Chalk Formation with Seaford, Newhaven, Culver and Portsdown Chalk Formations. The total thickness of the Upper Chalk is approximately in excess of 23m.</p> <p>Additional considerations: A borehole log on the BGS website some 200m to the northwest of the site indicates that water was struck at 44ft (13.4m) below ground level. Whilst this evidence indicates that groundwater is unlikely to be an issue, it is recommended that further site-specific SI and testing are undertaken to determine the groundwater level prior to detailed design. There is minor risk of dissolution in the Chalk bedrock.</p>

12 FOUNDATIONS

Schematic Geological Cross Section	 <p>Approximate extent of site</p> <p>Topsoil</p> <p>River terrace deposits (RTDU-XSZC)</p> <p>Raised marine deposits (RMD-CZ)</p> <p>Rockhead</p> <p>Upper Chalk (LPCK)</p> <p>©2024 BGS</p>
Risk of Mining	Low – no record of mining on or adjacent the site
Risk of Quarrying	Low – no OS record of quarrying on or adjacent the site
Risk of Solution Features	Low / Med – a Natural Cavities Hazard Database report should be commissioned for completeness
Risk of UXO / UXB	Low– The risks arising from the presence of UXO on this site is low but not to be completely discounted in the interest of safety.
Is High Ground Water / Pumping Anticipated?	No – subject to seasonal weather, the underlying geology is free draining.
Solution for Building Frame Foundations	Allow for reinforced oversize pad foundations
Solution for Ground Floor Slab	Allow for a ground bearing slab
Abnormal External Works Anticipated	Abnormal external works are not anticipated


13 ENVIRONMENTAL CONSIDERATIONS

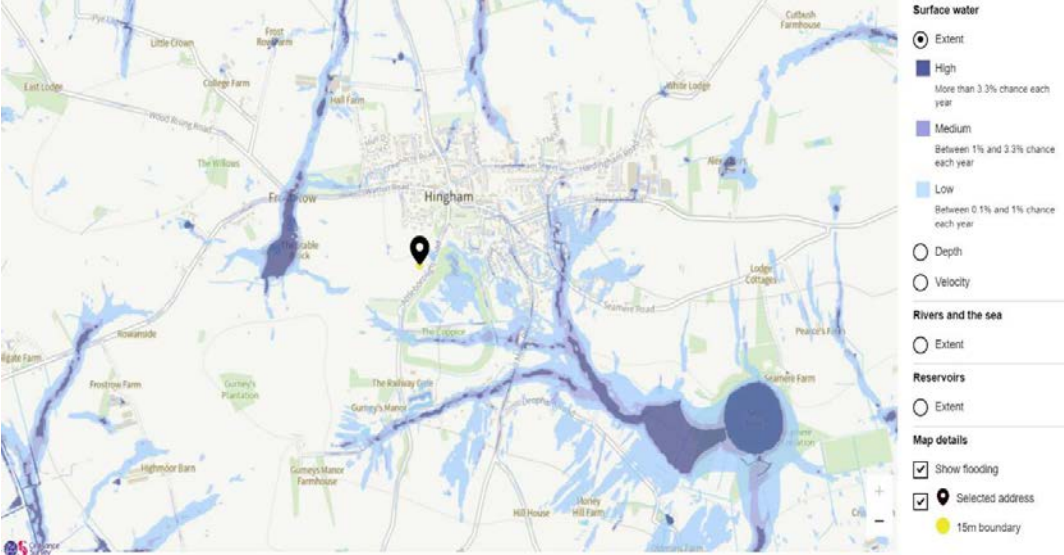
Existing Environmental SI	An Environmental SI has not been made available. Allow \pm £5,000 for a project specific SI.
Environmental Risk	Low
Initial Environmental Report	For budget purposes, assume a likely case allowance of \pm £5,000 for a QRA and \pm £25,000 for hot spot removal (risk of deleterious material being dumped from audacity development sites). Allow £5,000 for site soil classification testing/consultancy advice and an offsite arisings disposal split of 5% hazardous / 15% non-hazardous / 80% inert. Subject to SI, assume ground water remediation will not be required.
Radon Risk	Low – Radon generating bedrock does not underlie the site
Methane / CO ² Risk	Low – the site has no record of Landfill or Made Ground
Likely Contaminants	Risk of fly tipping from adjacent development sites
Other Notes Regarding Environmental Issues	Risk of oil spill due to the proposed carparking facilities should be considered to avoid contamination on-site and off-site.

14 DRAINAGE

Surface Water Outfall	Anglian Water record plans do not appear to have been updated with the Business Park strategic drainage. Construction Drainage As Built record plan ref. 200A dated June 2021 note surface water drainage available adjacent to the site. Refer to Developer / Hydrock land sale agreement to understand discharge volume allocated to the Unit 3 site.
Attenuation Required	It appears that the Business Park FRA Report includes the use of land to the north of the site for surface water attenuation. Subject to Unit 3 site SW water discharge volume allocation, allow for a significant SUDS system / attenuation. Expect discharge to be limited to greenfield run off. Allow for an FRA report to negotiate discharge rates, attenuation volumes and/or extent of any SUDS systems with the EA, Southern Water and the LLFA.
Suitability for Infiltration	Low - allow £5,000 for soakage tests to assess suitability of infiltration SUDS systems. Records of infiltration testing carried out on an adjacent plot indicate the underlying soils are not suitable for storage.
Surface Water Off-site Works / On-site Diversions	No significant offsite works or diversions anticipated
Culverts / Watercourses	None apparent
Foul Drainage Outfall	Southern Water record plans do not appear to have been updated with the Business Park strategic drainage. Adbly Construction Drainage As Built record plan ref. 200A dated June 2021 note surface water drainage available adjacent to the site. Refer to Developer / Hydrock land sale agreement to understand discharge volume allocated to the Unit 3 site.
Foul Drainage Off-site Works / On-site Diversions	No significant offsite works or diversions anticipated

15 FLOODING

Flood Risk	The site lies with low risk FZ1. An FRA report for Lady's Meadow as a whole has been prepared together with the FS.
EA Flood Map - Fluvial	
<div><p>©2024 EA</p></div>	
Implications	The site has a low risk of flooding from all sources. A site-specific FRA report will have to be prepared in support of a planning application.

EA Flood Map - Pluvial	
<div><p>Surface water</p><ul style="list-style-type: none">ExtentHigh More than 3.3% chance each yearMedium Between 1% and 3.3% chance each yearLow Between 0.1% and 1% chance each year<p>Rivers and the sea</p><ul style="list-style-type: none">DepthVelocity<p>Reservoirs</p><ul style="list-style-type: none">Extent<p>Map details</p><ul style="list-style-type: none"><input checked="" type="checkbox"/> Show flooding<input checked="" type="checkbox"/> Selected address15m boundary</div>	
©2024 EA	
Implications	There is low risk of the site being subjected to pluvial flooding.

16 SERVICES

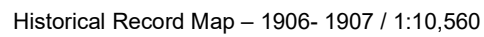
16.1 On Site

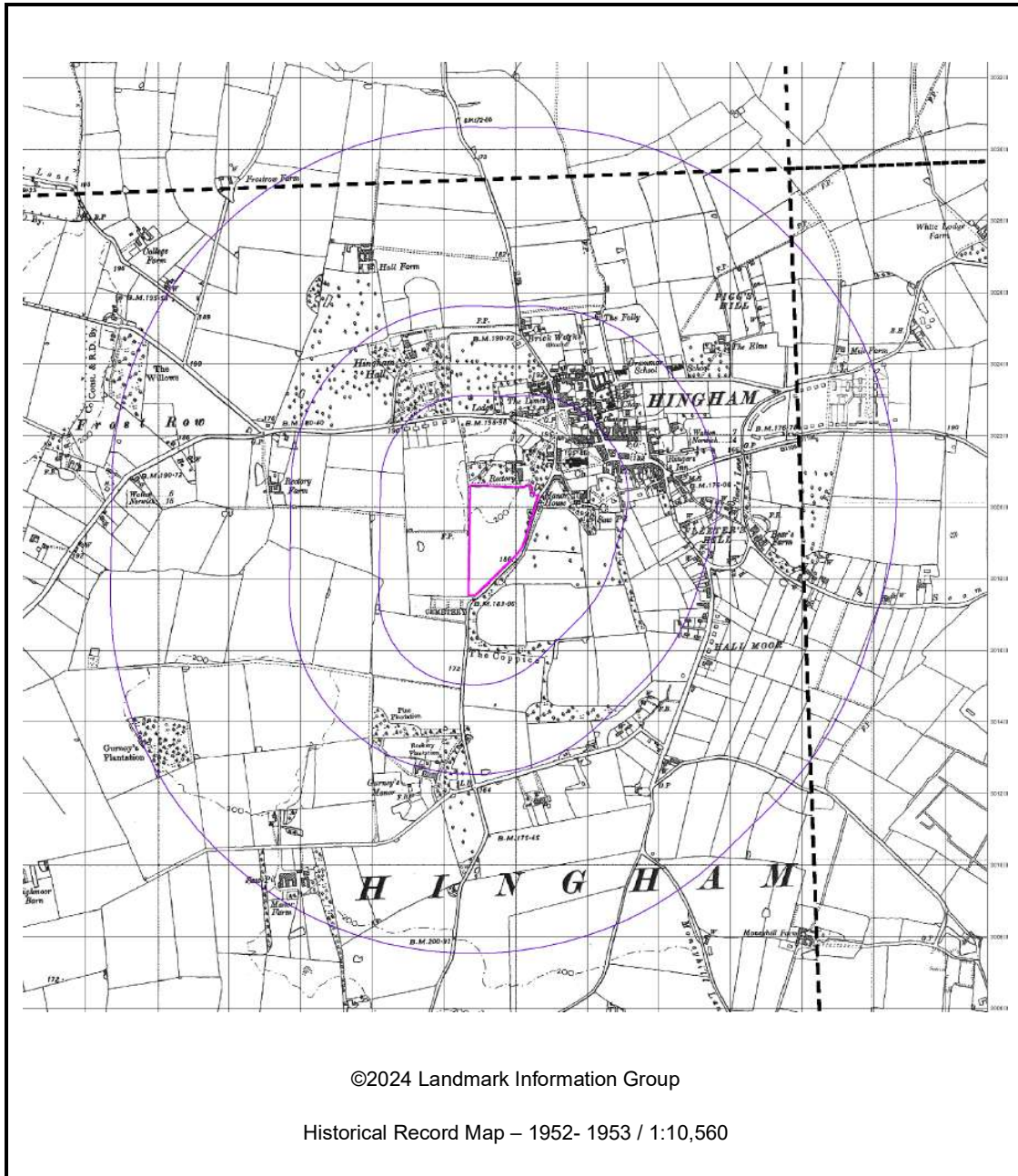
Telecoms	None
Gas	None noted by Cadent Gas but advised to proceed with caution.
Water	Anglian Water records note a 150mm potable water supply pipe that adjoins Attleborough Road on the nearside of the site
Cable	None recorded for Sky and Cityfibre Holdings.
Electricity	Not yet noted on UKPN records.
National Grid	None noted by National Gas Transmission
Pipelines	None noted

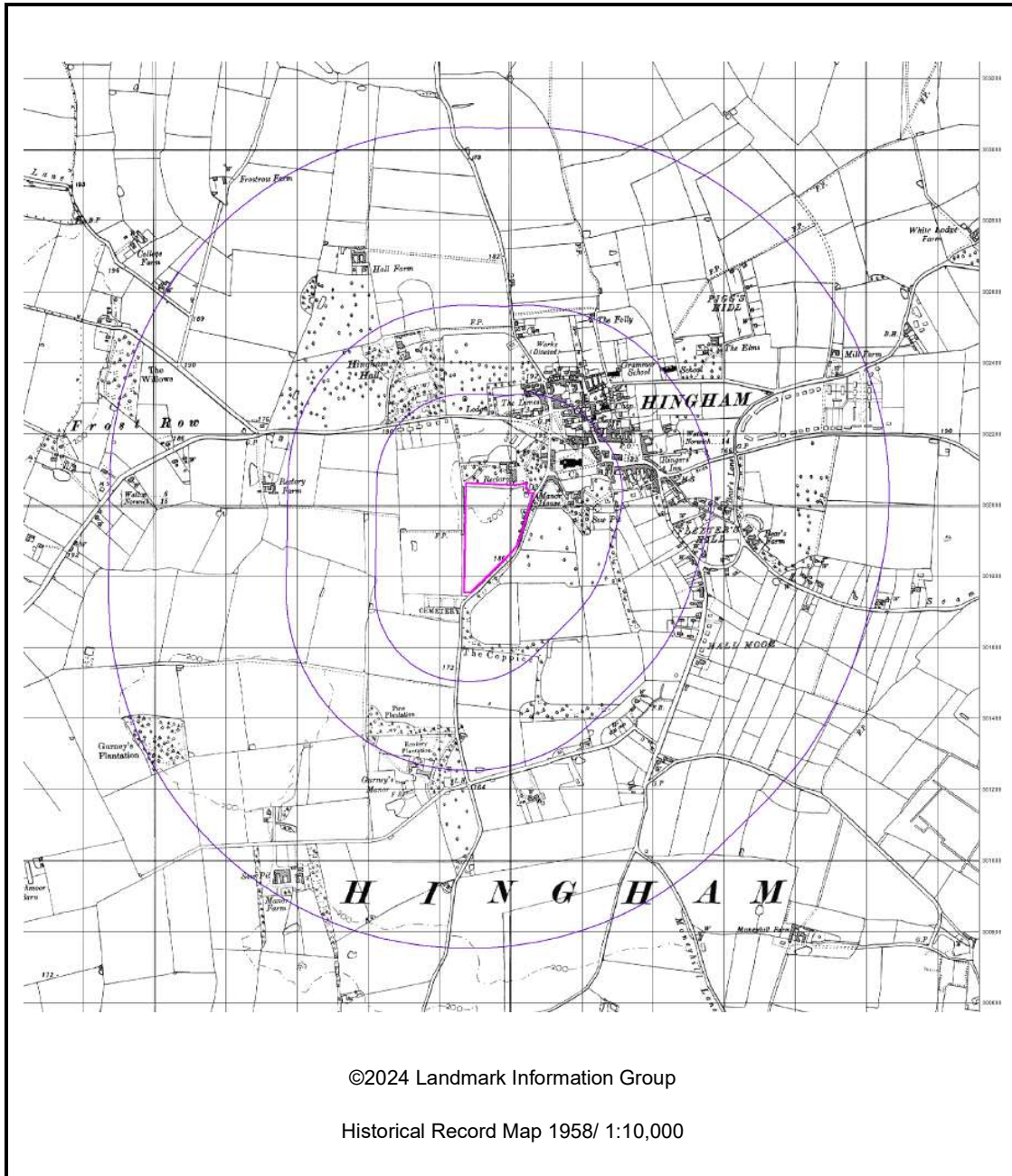
16.2 Off Site

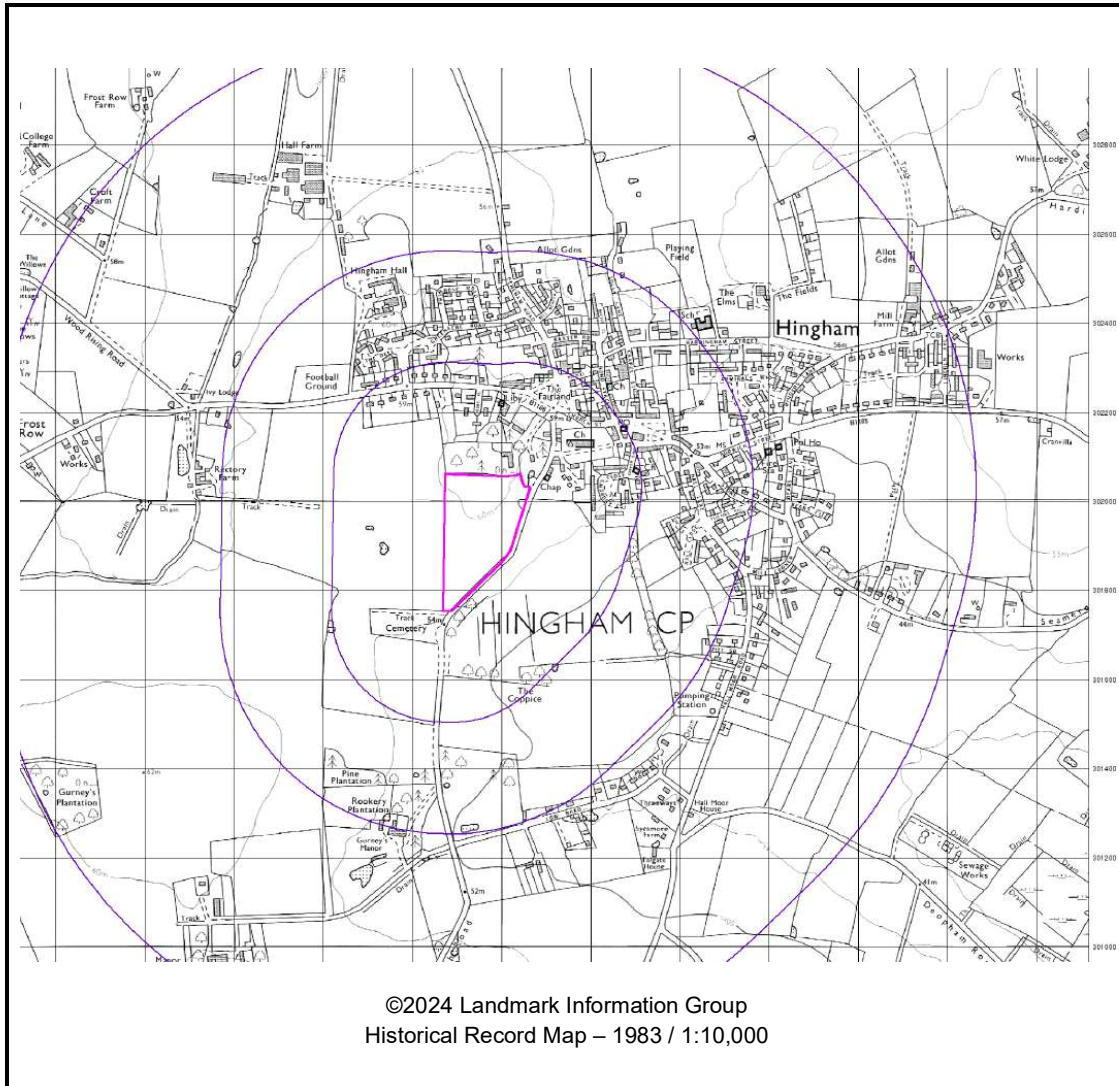
Telecoms	Openreach is present to the north at the Rectory and Rectory Gardens and to the northeast across Attleborough Road on the Manor House land, Coach House Flats, and St Andrews Church
Gas	Cadent Gas records shows none but advised to proceed with caution.
Water	Anglian Water records note a 150mm potable water supply pipe that adjoins Attleborough Road on the nearside of the site. Public sewer mains are also present along the B1108 and in the vicinity of the Fairland junction area.
Cable	None recorded for Sky and Cityfibre Holdings.
Electricity	Not yet noted on UKPN records.
National Grid	None noted yet on National Gas Transmission records.
Pipelines	None noted

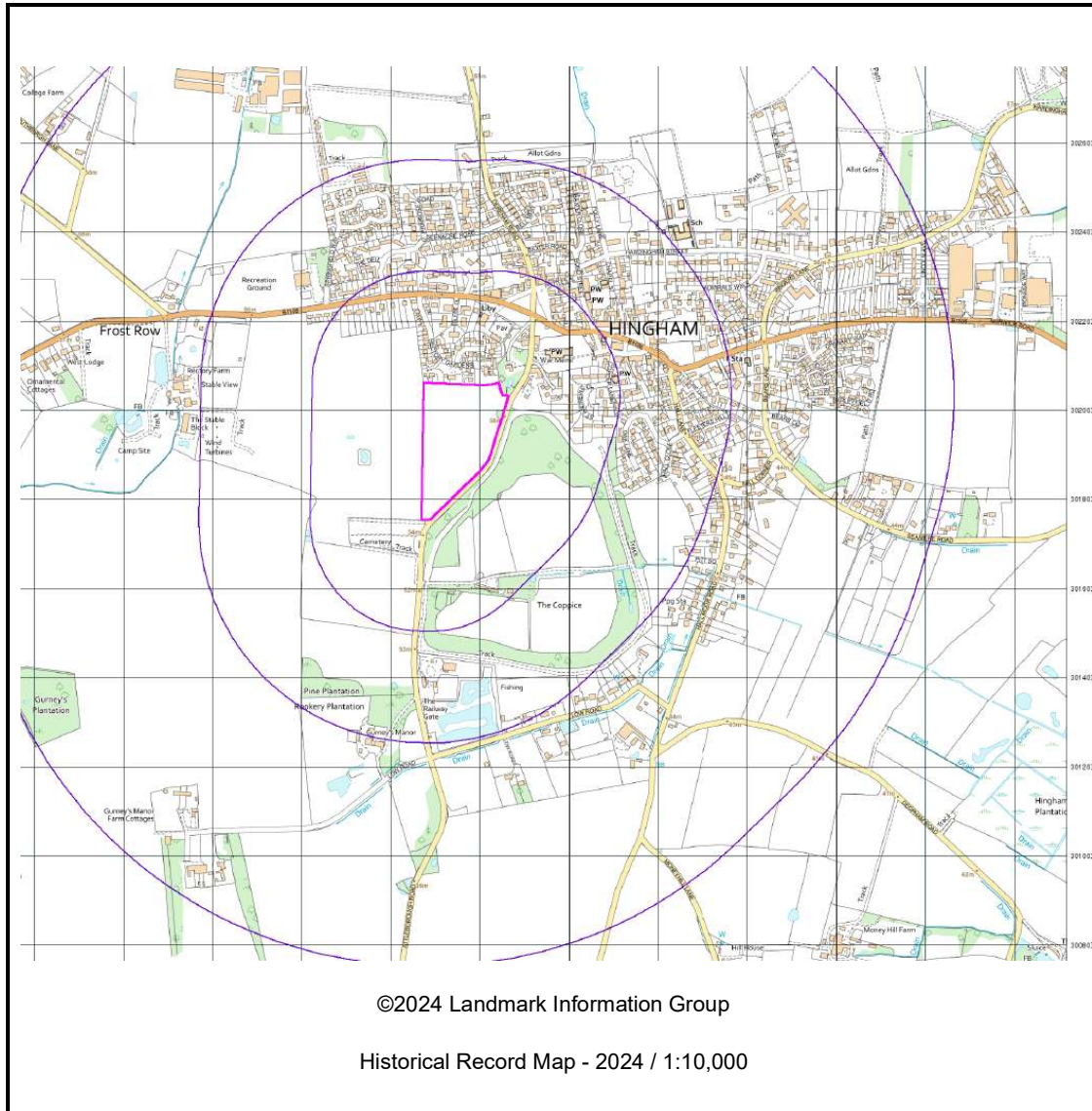
[illegible]











Appendix B – STATUTORY UNDERTAKERS' APPARATUS/ UTILITY INFRASTRUCTURE ASSETS



(c) Crown copyright and database rights 2024 Ordnance Survey 100022432
Data updated: 31/05/24

Scale: 1:1250
Map Centre: 601968,301910

Date: 27/06/24
Our Ref: 1506399 - 43

Clean Water Plan A3
Powered by digdat

Potable Water		Fitting	
Raw Water			
Decommissioned Water		Hydrant	

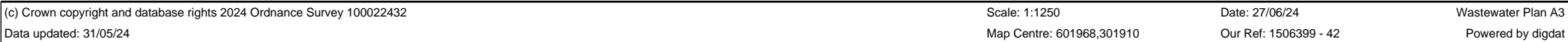
Please note: Not all fittings are shown on the map

payments.utilitysolutions@atkinsglobal.com

226208



This plan is provided by Anglian Water pursuant its obligations under the Water Industry Act 1991 sections 198 or 199. It must be used in conjunction with any search results attached. The information on this plan is based on data currently recorded but position must be regarded as approximate. Service pipes, private sewers and drains are generally not shown. Users of this map are strongly advised to commission their own survey of the area shown on the plan before carrying out any works. The actual position of all apparatus MUST be established by trial holes. No liability whatsoever, including liability for negligence, is accepted by Anglian Water for any error or inaccuracy or omission, including the failure to accurately record, or record at all, the location of any water main, discharge pipe, sewer or disposal main or any item of apparatus. This information is valid for the date printed. This plan is produced by Anglian Water Services Limited (c) Crown copyright and database rights 2024 Ordnance Survey 100022432. This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other uses of the map data or further copies is not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence.



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226208

This plan is provided by Anglian Water pursuant to its obligations under the Water Industry Act 1991 sections 198 or 199. It must be used in conjunction with any search results attached. The information on this plan is based on data currently recorded but position must be regarded as approximate. Service pipes, private sewers and drains are generally not shown. Users of this map are strongly advised to commission their own survey of the area shown on the plan before carrying out any works. The actual position of all apparatus MUST be established by trial holes. No liability whatsoever, including liability for negligence, is accepted by Anglian Water for any error or inaccuracy or omission, including the failure to accurately record, or record at all, the location of any water main, discharge pipe, sewer or disposal man or any item of apparatus. This information is valid for the date printed. This plan is produced by Anglian Water Services Limited (c) Crown copyright and database rights 2024 Ordnance Survey 100022432. This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other uses of the map data or further copies is not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence.

love every drop
anglianwater

Our Ref: Ref shown on map

Date of issue: shown on map

email: nnhc@openreach.co.uk

Dear Customer,

NR & SW ACT 1991 – PROPOSED WORKS AT: **SITE LOCATION**

Prior to commencement of work: For free onsite guidance and accurate up to date location of BT Apparatus please contact our Plant Protection Service by the following methods:-

Email the Click Before You Dig Team CBYD@openreach.co.uk

Visit the Click Before You Dig Website www.openreach.co.uk/cbyd

Thank you for your request of **/**/** describing the above proposals.

Enclosed are copies of our drawings marked up to show the approximate locations of BT apparatus in the immediate vicinity of your works. It is intended for general guidance only. No guarantee is given of its accuracy.

The drawings are valid for 90 days from the date of issue and should not be relied upon after this time period has expired.

When planning excavation work or other works near to BT apparatus, please be mindful our apparatus may exist at various depths and may deviate from the marked route.

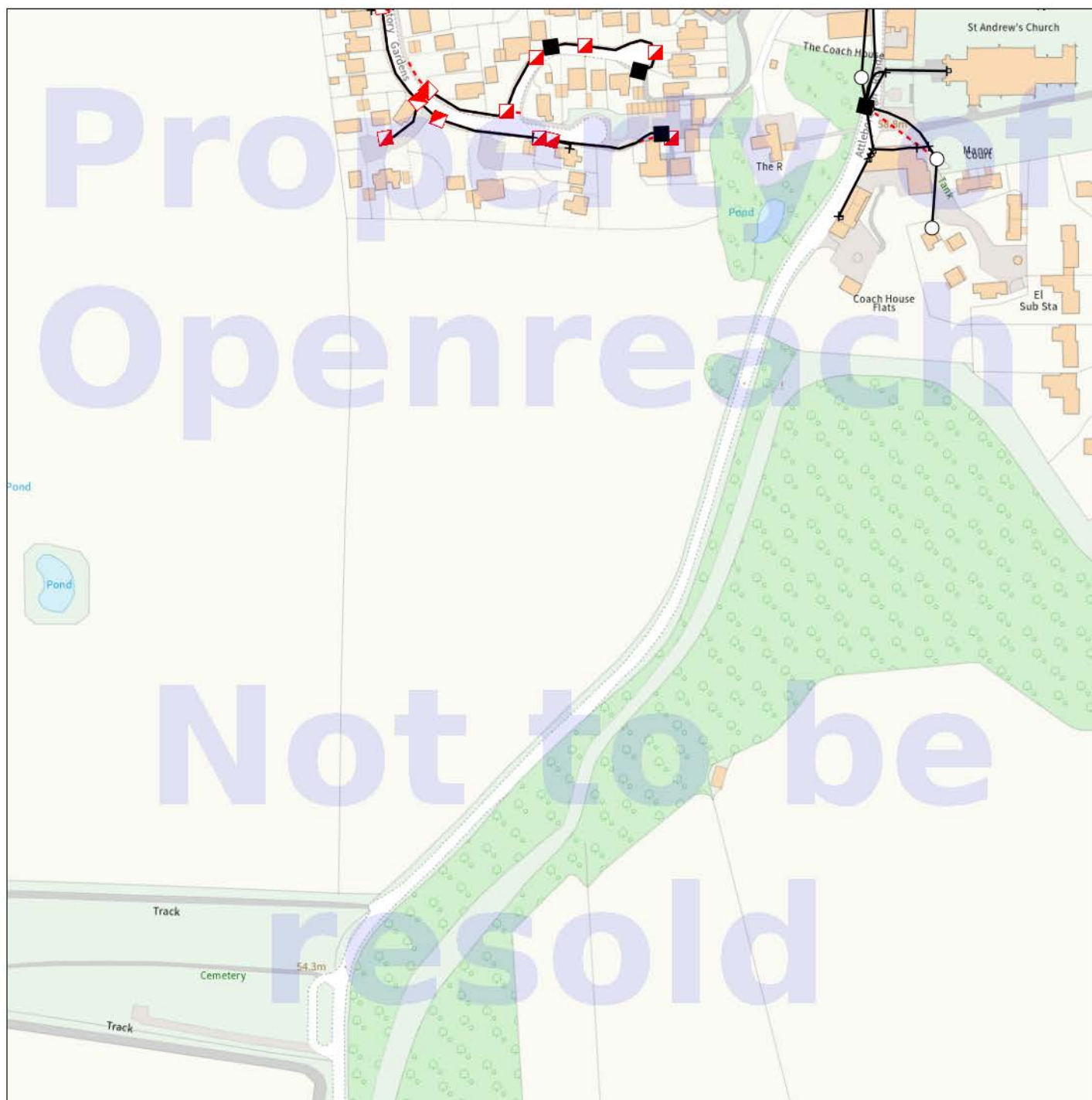
To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of BT apparatus. If scaffolding is erected, please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by the scaffolding.

In the event of BT apparatus being in the area of your works we recommend that your plant/vehicle crossing is either resited, or apply for a budget estimate by submitting detailed plans to our Network Relocation Team at <https://www.ournetwork.openreach.co.uk/altering-our-network.aspx>

Yours faithfully,

Julie Cullum
NNHC & MBE Manager

Maps on Demand Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email nnhc@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

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KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
			Split Coupling	×	Built	
PCP			Duct Tee	▲	Planned	
Pole			Building		Inferred	
Box			Kiosk		Duct	
Manhole			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
Cabinet						
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : JVT21085T

Map Reference : (centre) TG0196701907

Easting/Northing : (centre) 601967,301907

Scale : 1:500

Issued : 23/06/2024 21:08:13

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

From: plantprotection@cadentgas.com
Sent: 24 June 2024 15:20
To: Utility Solutions Searches
Subject: LSBUD Ref: 33833120 Your Ref: 226208/KaY DBYD Low Risk
Attachments: 33833120_CadentGas.pdf

Date: 24/06/2024
LinesearchbeforeUdig ref: 33833120
Your ref: 226208/KaY

Dear Sir/Madam,

Your planned works may proceed with caution

We have received a notification from the LinesearchbeforeUdig (LSBUD) platform regarding your plans to carry out works. Based on the information you provided.

You can now proceed with your planned work with caution and in line with the enclosed guidance. This outcome is based on the information you gave us. If your plans change, or you are unable to work to the guidance, please let us know as soon as possible so we can work with you to find a solution.

Please find enclosed a copy of our plans for the area and ensure you follow our key guidance document [Specification for Safe Working in the Vicinity of Cadent Assets](#). If the map you have received is blank, this means there is no Cadent gas apparatus within the area.

What you need to do

BEFORE carrying out any work you must:

- Carefully read the guidance documents and maps showing the location of apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe Cadent's legal rights (i.e. easements or other rights). If the works are in the road or footpath the relevant local authority should be contacted.
- Ensure that all persons, including direct labour and contractors, working for you on or near **Cadent's apparatus follow the requirements of the HSE Guidance Notes HSG47 'Avoiding Danger from Underground Services' and GS6 – 'Avoidance of danger from overhead electric power lines'**. This guidance can be downloaded free of charge at www.hse.gov.uk
- In line with the guidance, verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any activities are undertaken

DURING any work you must:

- Comply with all guidance and any further guidance from our specialist team.
- Ensure that access to Cadent apparatus is maintained at all times.
- Prevent the placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over Cadent apparatus unless specifically agreed with Cadent and/or National Grid in advance.
- Exercise extreme caution if slab (mass) concrete is encountered during excavation works as this may be protecting or supporting Cadent apparatus.
- Maintain appropriate clearances between gas apparatus and the position of other buried plant.

This outcome is valid for 28 days from the date of this letter. If your work, or the location, date or nature of the work you're doing changes, you must submit another enquiry.

If you need any further information or have any questions about the outcome, please contact us at plantprotection@cadentgas.com or on 0800 688 588.

Your Responsibilities and Obligations

It's your responsibility to ensure that the information you have given us is accurate. You must also share all relevant documents including the guidance notes with anyone who carries out work on your behalf.

This assessment solely relates to Cadent gas pipes. It doesn't include:

- **Cadent's legal interest (easements or other rights) in the land which restricts activity near Cadent's pipes in private land. You must get details** of any such restrictions from the landowner in the first instance and if in doubt contact us on 0800 688 588 or at plantprotection@cadentgas.com.
- Gas service pipes and related apparatus.
- Recently installed apparatus.
- Apparatus owned by other organisations such as other gas distribution networks, local electricity companies and other utilities.

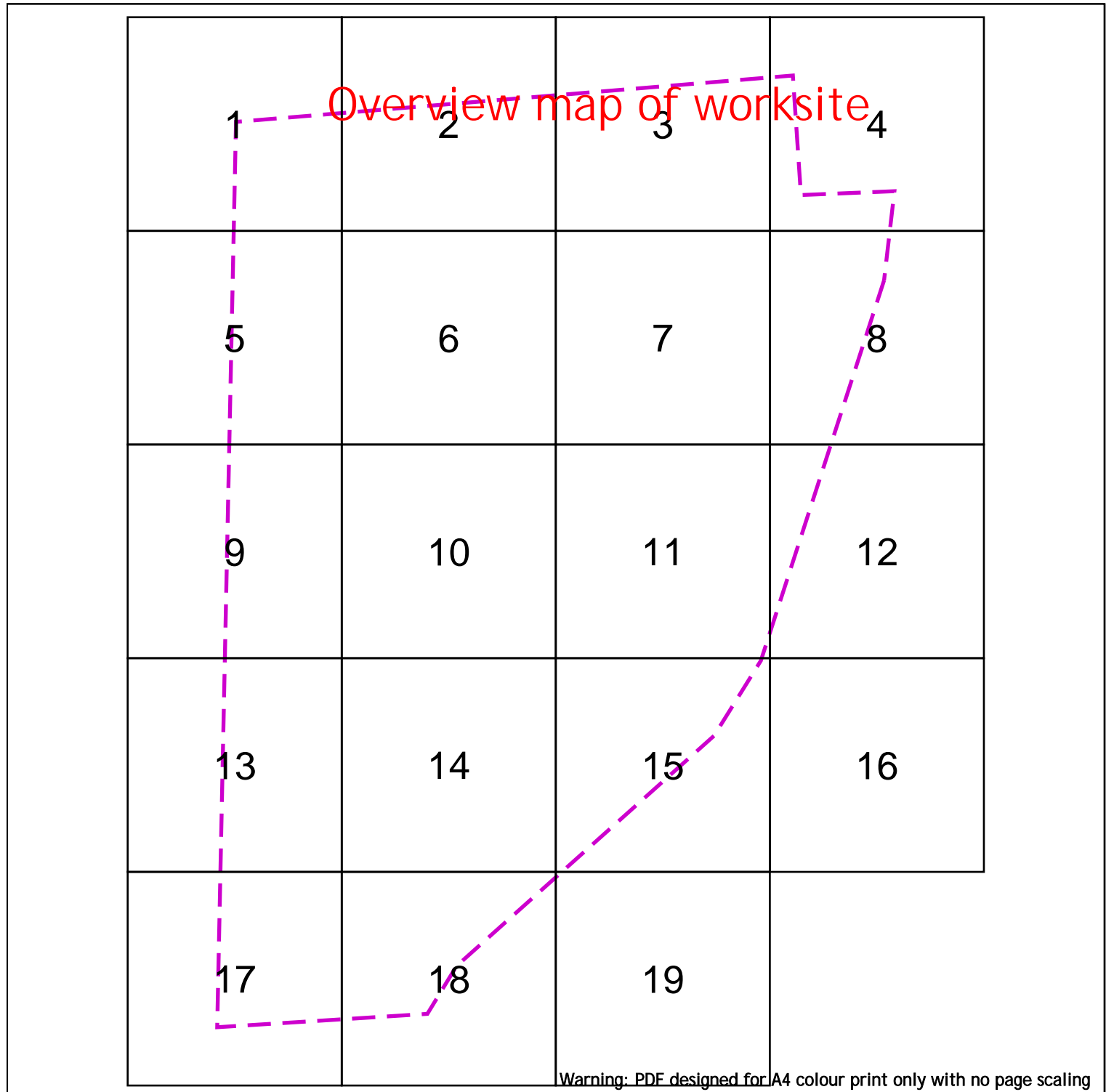
It's your responsibility to consider whether points above are relevant to you and whether they could be affected by your proposed work.

This letter does not constitute any formal agreement or consent for any proposed development **work either generally or related to Cadent's easements or other rights, or any planning or building** regulations applications.














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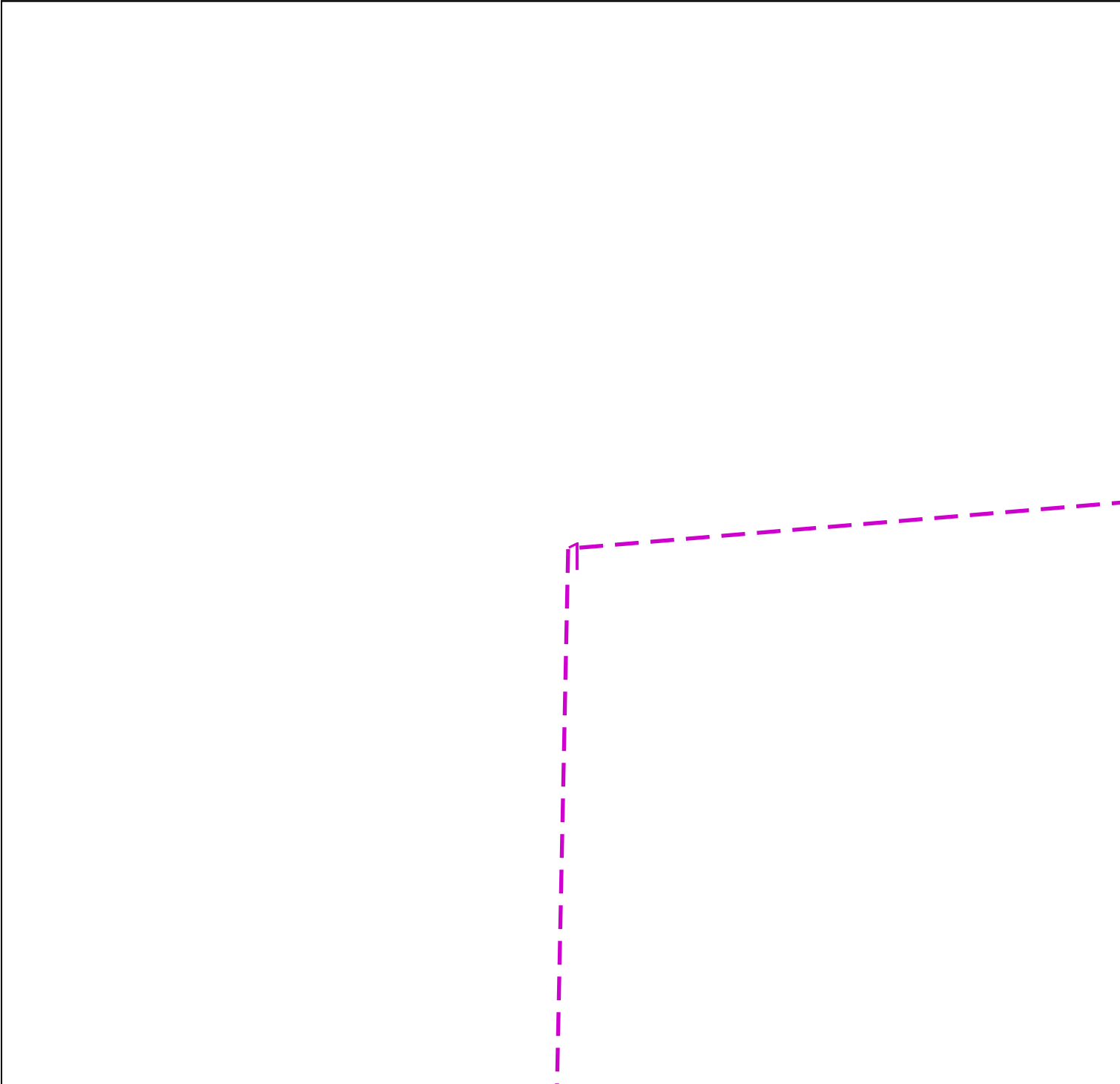
Kind Regards,
Plant Protection Team
T: 0800 688 588
plantprotection@cadentgas.com
[cadentgas.com](https://www.cadentgas.com)

We work together | We take responsibility | We drive performance | We shape the future
Keeping people warm, *while protecting the planet*















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	<div><div>Dig Sites</div><div>Area:  Line: </div><div><div> LP Mains</div><div> MP Mains</div><div> IP Mains</div><div> LHP Mains</div></div><div><div> Valve</div><div> Depth of cover</div><div> Syphon</div></div><div><div> Diameter Change</div><div> Material Change</div><div> Out of Standard Service</div></div></div> <div>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information. Out-of-standard service symbology may be used to indicate one or more of the following:<ul style="list-style-type: none">• Identification of shallow services• Identification of dual services• Recording of non-perpendicular servicesA perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</div>
<p>Date Requested: 24/06/2024 Job Reference: 33833120 Site Location: 601950 301946 Requested by: Mr Ben Evans Your Scheme/Reference: 226208/KaY</p> <p>View extent: 100m, 100m</p> <p>Scale: 1:2562 (When plotted at A4)</p>	<p>IMPORTANT NOTICES</p> <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p> <p>In case of emergency call - 0800 111 999</p> <p><small>Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886</small></p>



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<div data-bbox="73 1704 325 1809"><p>Your Gas Network</p></div>	<div data-bbox="391 1554 831 1581"> 25m</div> <div data-bbox="411 1637 507 1664">Dig Sites</div> <div data-bbox="579 1637 643 1664">Area:</div> <div data-bbox="804 1637 868 1664">Line:</div> <div data-bbox="403 1688 560 1805">   </div> <div data-bbox="606 1688 699 1805">LP Mains MP Mains IP Mains LHP Mains</div> <div data-bbox="724 1709 820 1736"></div> <div data-bbox="772 1709 820 1736">Valve</div> <div data-bbox="724 1756 820 1783"></div> <div data-bbox="772 1756 900 1783">Depth of cover</div> <div data-bbox="724 1803 820 1839"></div> <div data-bbox="772 1803 836 1830">Syphon</div> <div data-bbox="895 1695 922 1736"></div> <div data-bbox="932 1709 1078 1736">Diameter Change</div> <div data-bbox="895 1756 922 1783"></div> <div data-bbox="932 1756 1069 1783">Material Change</div> <div data-bbox="895 1803 922 1839"></div> <div data-bbox="932 1803 1134 1830">Out of Standard Service</div> <div data-bbox="1150 1559 1528 1830"><p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p><p>Out-of-standard service symbology may be used to indicate one or more of the following:</p><ul style="list-style-type: none">• Identification of shallow services• Identification of dual services• Recording of non-perpendicular services<p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p></div>
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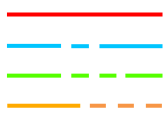


Dig Sites

Area:

Line:

Cadent
Your Gas Network



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



Out of Standard Service

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Date Requested: 24/06/2024

Job Reference: 33833120

Site Location: 601950 301946

Requested by: Mr Ben Evans

Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

Scale: 1:500 (When plotted at A4)

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Cadent
Your Gas Network

Dig Sites

Area:



Line:



LP Mains



MP Mains



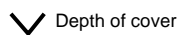
IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Date Requested: 24/06/2024

Job Reference: 33833120

Site Location: 601950 301946

Requested by: Mr Ben Evans

Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

Scale: 1:500 (When plotted at A4)

4

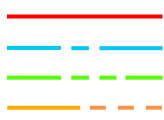
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Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve

Depth of cover

Syphon



Diameter Change



Material Change



Out of Standard Service

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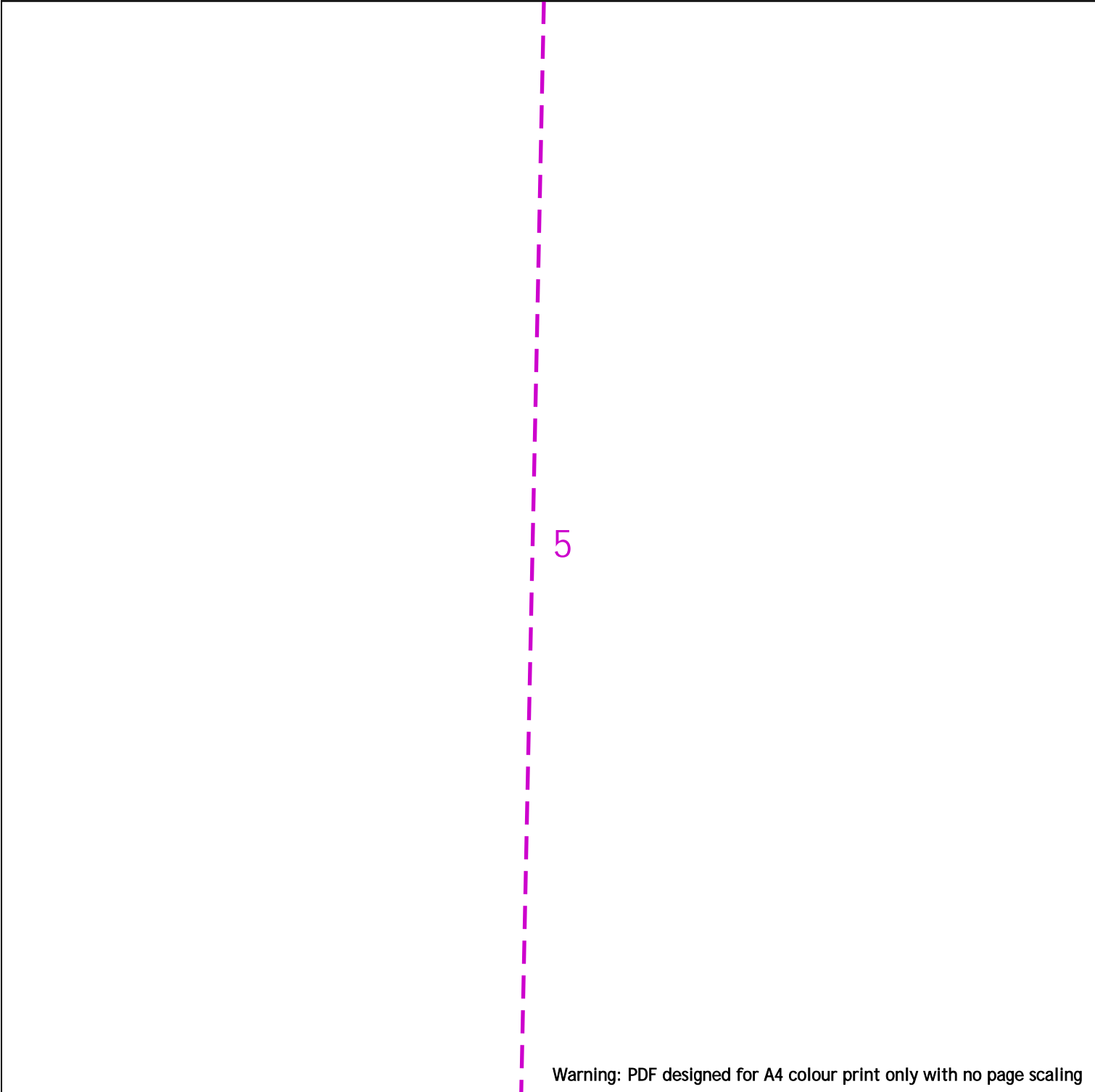
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Cadent
Your Gas Network













Date Requested: 24/06/2024
Job Reference: 33833120
Site Location: 601950 301946
Requested by: Mr Ben Evans
Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

Scale: 1:500 (When plotted at A4)



25m

Dig Sites	Area: 	Line: 	
	LP Mains	 Valve	 Diameter Change
	MP Mains	 Depth of cover	 Material Change
	IP Mains	 Syphon	 Out of Standard Service
	LHP Mains		

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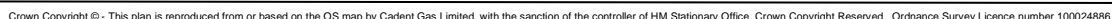
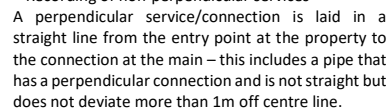
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Dig Sites

Area:



Line:



LP Mains



MP Mains



IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



Out of Standard Service

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Site Location: 601950 301946

Requested by: Mr Ben Evans

Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

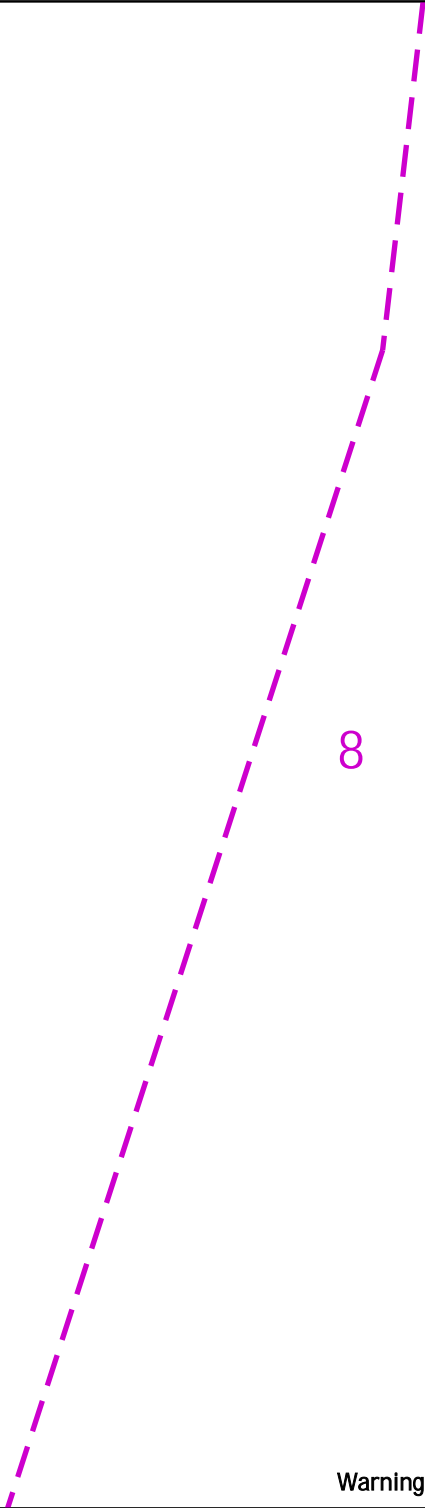
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Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Cadent
Your Gas Network

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Site Location: 601950 301946
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Dig Sites

Area:



Line:



LP Mains



MP Mains



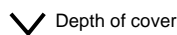
IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Dig Sites Area: Line:

	LP Mains		Valve		Diameter Change
	MP Mains		Depth of cover		Material Change
	IP Mains		Syphon		Out of Standard Service
	LHP Mains				

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Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Dig Sites

Area:



Line:



LP Mains



MP Mains



IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



Out of Standard Service

Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.

Out-of-standard service symbology may be used to indicate one or more of the following:

- Identification of shallow services
- Identification of dual services
- Recording of non-perpendicular services

A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.

Date Requested: 24/06/2024
Job Reference: 33833120
Site Location: 601950 301946
Requested by: Mr Ben Evans
Your Scheme/Reference: 226208/KaY

IMPORTANT NOTICES

This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

View extent: 100m, 100m

Scale: 1:500 (When plotted at A4)

In case of emergency call - 0800 111 999

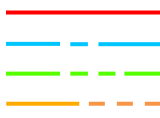
Warning: PDF designed for A4 colour print only with no page scaling



Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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In case of emergency call - 0800 111 999

15

Warning: PDF designed for A4 colour print only with no page scaling



Dig Sites

Area:

Line:



LP Mains



MP Mains



IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Date Requested: 24/06/2024

Job Reference: 33833120

Site Location: 601950 301946

Requested by: Mr Ben Evans

Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

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In case of emergency call - 0800 111 999

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Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Scale: 1:500 (When plotted at A4)

17

Warning: PDF designed for A4 colour print only with no page scaling



Dig Sites

Area:



Line:



LP Mains



MP Mains



IP Mains



LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Date Requested: 24/06/2024

Job Reference: 33833120

Site Location: 601950 301946

Requested by: Mr Ben Evans

Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

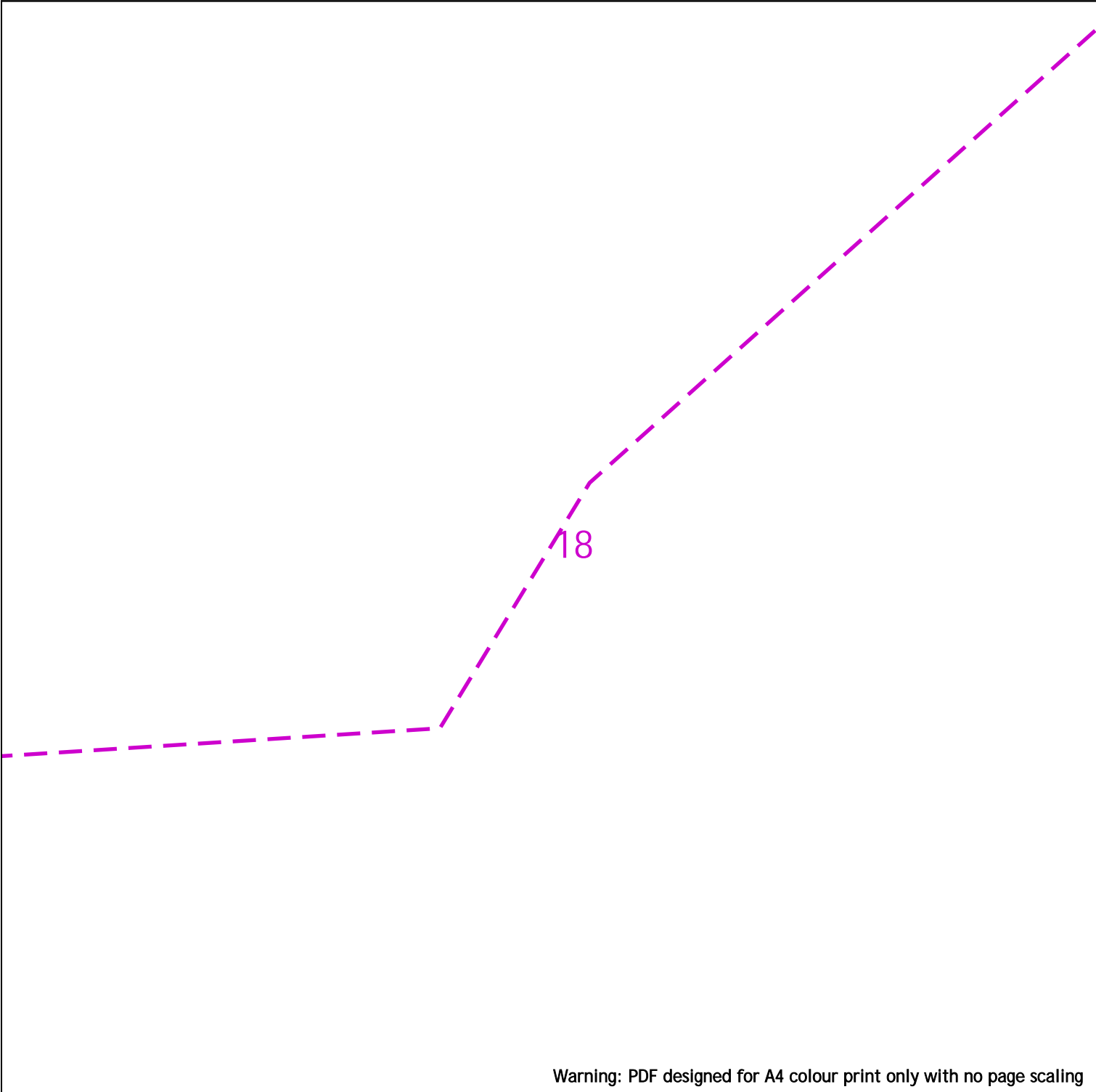
Scale: 1:500 (When plotted at A4)

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	 Dig Sites Area: Line: LP Mains Valve Diameter Change MP Mains Depth of cover Material Change IP Mains Syphon Out of Standard Service LHP Mains	<p>Where an out-of-standard service is present please contact plant protection 0800 688 588 for further information.</p> <p>Out-of-standard service symbology may be used to indicate one or more of the following:</p> <ul style="list-style-type: none">• Identification of shallow services• Identification of dual services• Recording of non-perpendicular services <p>A perpendicular service/connection is laid in a straight line from the entry point at the property to the connection at the main – this includes a pipe that has a perpendicular connection and is not straight but does not deviate more than 1m off centre line.</p>
	<p>Date Requested: 24/06/2024 Job Reference: 33833120 Site Location: 601950 301946 Requested by: Mr Ben Evans Your Scheme/Reference: 226208/KaY</p> <p>View extent: 100m, 100m</p> <p>Scale: 1:500 (When plotted at A4)</p>	<p>IMPORTANT NOTICES</p> <p>This plan shows these pipes owned by Cadent Gas Limited in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's or otherwise privately owned may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Limited or their agents, servants or contractors for any errors or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p> <p>In case of emergency call - 0800 111 999</p> <p><small>Crown Copyright © - This plan is reproduced from or based on the OS map by Cadent Gas Limited, with the sanction of the controller of HM Stationary Office. Crown Copyright Reserved. Ordnance Survey Licence number 100024886</small></p>

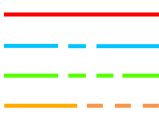
Warning: PDF designed for A4 colour print only with no page scaling



Dig Sites

Area:

Line:



LP Mains
MP Mains
IP Mains
LHP Mains



Valve



Depth of cover



Syphon



Diameter Change



Material Change



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Date Requested: 24/06/2024
Job Reference: 33833120
Site Location: 601950 301946
Requested by: Mr Ben Evans
Your Scheme/Reference: 226208/KaY

View extent: 100m, 100m

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In case of emergency call - 0800 111 999

Scale: 1:500 (When plotted at A4)

You recently requested information pertaining to the above location and in relation to CityFibre Holdings Ltd plant.

Reference 0164edfa-ff26-418f-afe8-077c7ed18b38

User: User

Title: 226208

Comment: 20240626050640688

Please find attached a plan of the area of your interest that may contain plant which may be affected by your proposed works.

The validity of this response is 6 weeks, after such time a new enquiry would need to be made.

Please see the points of contact below if they are required:

Plant Enquiries

Rutherford House

Birchwood Park

Warrington

WA3 6ZH

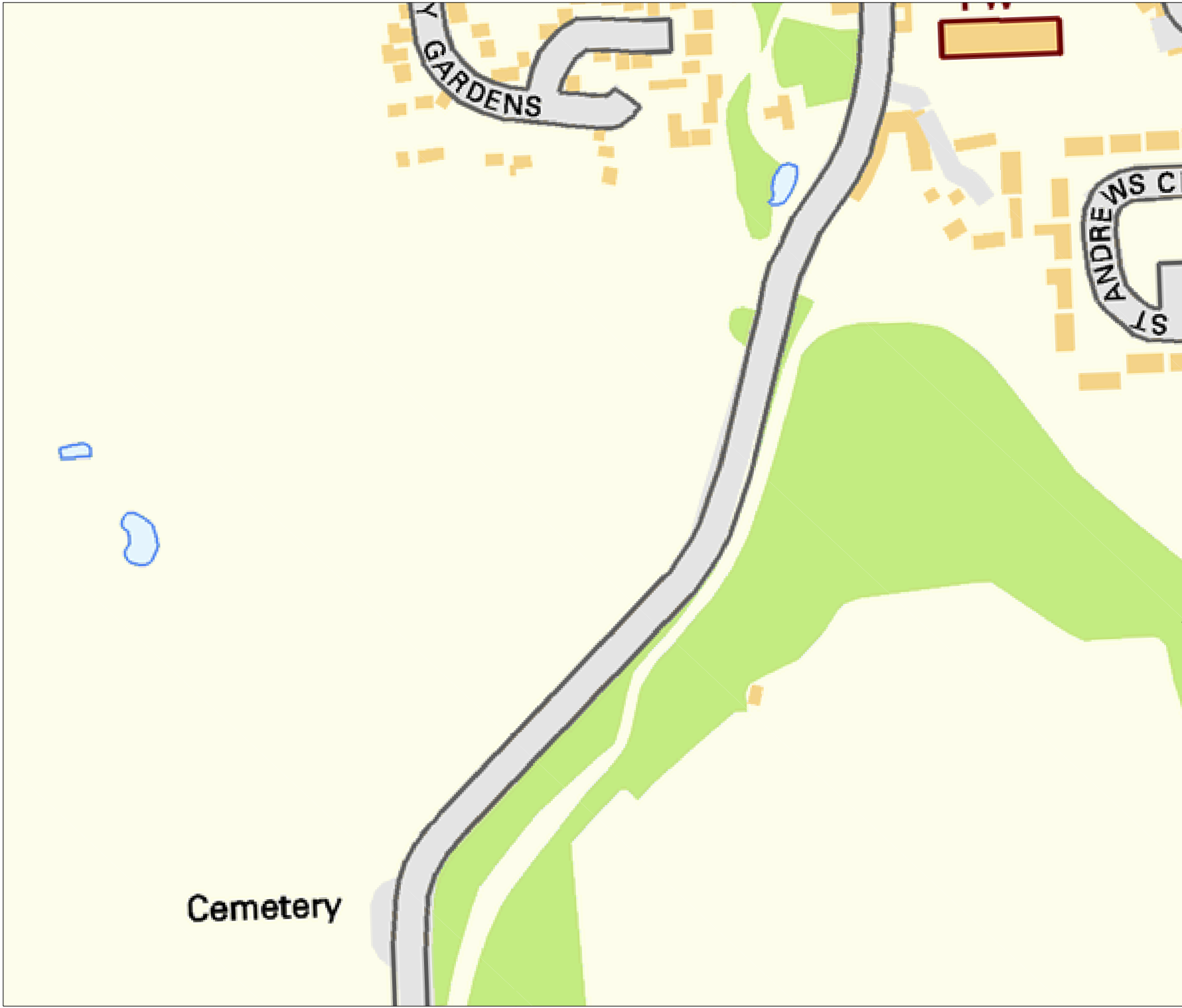
asset.team@cityfibre.com <mailto:asset.team@cityfibre.com>

Please quote the Reference ID in the subject line in any correspondence.

Please be aware that all information included in this eMap is the property of the sender and subject to copyright.

It is illegal to copy or send this information to any third party without the permission of the sender.

[CityFibre]<<https://cityfibre.com/>>
<[https://urldefense.com/v3/__https://cityfibre.com/*3E__JQ!!OepYZ6Q!-T3Z2hqA_QhsvP6AkVcekPhf5FuLAKqVTYmzEdZN93fRr1odGrrv-209Jul9HU3ZhUOadrp-9N39upN_hZmGb9JAF-gl5kvcTrzbGoK0gBDzZCT6ZA\\$>](https://urldefense.com/v3/__https://cityfibre.com/*3E__JQ!!OepYZ6Q!-T3Z2hqA_QhsvP6AkVcekPhf5FuLAKqVTYmzEdZN93fRr1odGrrv-209Jul9HU3ZhUOadrp-9N39upN_hZmGb9JAF-gl5kvcTrzbGoK0gBDzZCT6ZA$>)>



bitmap_layout select_raster

LEGEND

- EXISTING PLANT
- EXISTING PLANT

bitmap_layout select_raster

Head Office CityFibre Holdings Ltd 15 Bedford Street, London, WC2E 9HE Tel: 0845 293 0774 Web: www.cityfibre.com	Asset Office CityFibre Holdings Ltd, Rutherford House, Birchwood, Warrington, WA3 6ZH Email: asset.team@cityfibre.com
--	---

Disclaimer:

Information shown on this plan is for general guidance only.
No warranty is made as to its accuracy.
This plan must not be solely relied upon in the event of
excavation or other works being carried out in the vicinity
of Cityfibre plant.
No liability of any kind is accepted by Cityfibre, its agents or
servants for any error, omission, discrepancy or
deviation. This information is valid for the date printed.

Project
Plant Enquiry

Drawing
Existing Plant

Drawn by:	Date: 26/06/2024
smallworld	

Drawing No.	Revision
CFH_EP_000001	001



From: plantenquiryservice@gtc-uk.co.uk
Sent: 24 June 2024 15:10
To: Utility Solutions GDC Requests
Subject: GTC Plant Enquiry - Ref- 4433705
Attachments: 4433705.png

GTC Apparatus Not Found In Search Area

Our Plant Enquiry Service Ref: 4433705
Your Enquiry Ref: 226208/KaY

Dear Jordan,

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work. GTC can confirm that we have no apparatus in the vicinity but please note that other asset owners may have and ensure all utility owners have been consulted. For your records, the search area is shown in the attached map.

Please note our assets now include those owned and operated by:

- GTC Pipelines Limited
- Independent Pipelines Limited
- Quadrant Pipelines Limited
- Electricity Network Company Limited
- Independent Power Networks Limited
- Independent Water Networks Limited
- Open Fibre Networks Limited
- Independent Community Heating Limited

If you have any queries or require any further information please do not hesitate to contact us.

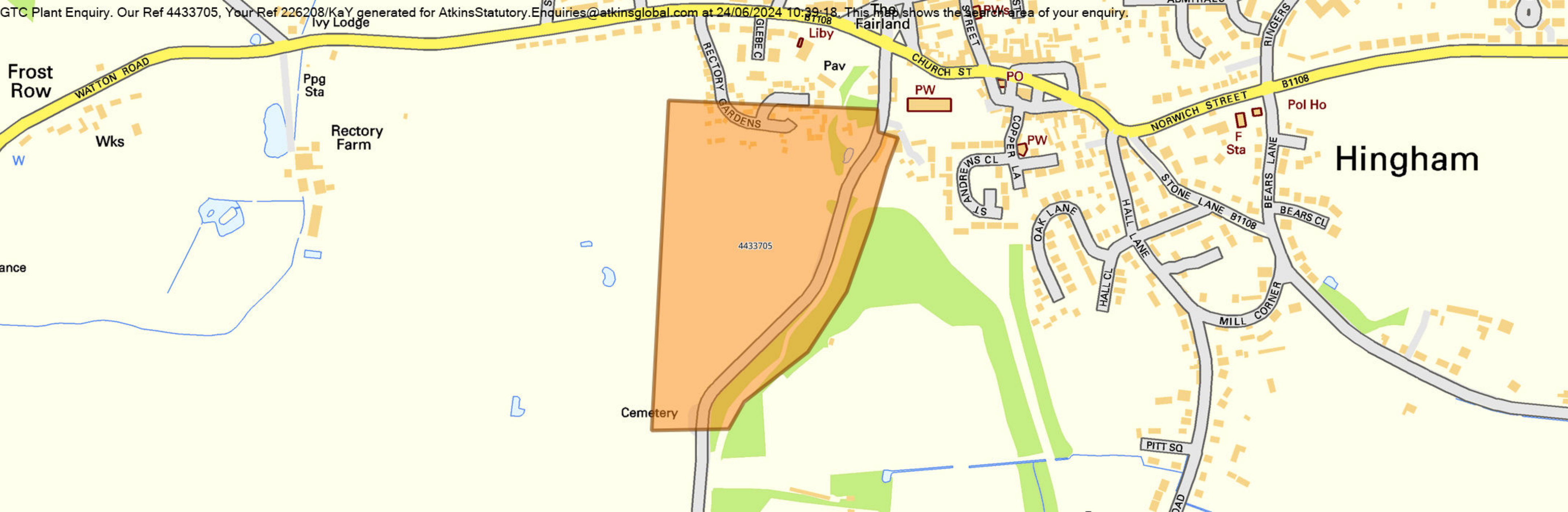
Your sincerely,

GTC Plant Enquiry Service.

GTC
Synergy House
Woolpit Business Park
Woolpit
Bury St Edmunds
Suffolk, IP30 9UP
Tel: 01359 240363
plant.enquiries@gtc-uk.co.uk

NOTE:

This E-Mail originates from GTC, Synergy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP
VAT Number: GB688 8971 40. Registered No: 029431.



Hingham

Our Ref: 33833120 226208/KaY

Monday, 24 June 2024

Ben Evans
The Hub Aztec West
Almondsbury
BST
BS32 4RZ

**National Gas Emergency Number:
0800 111 999***

*Available 24 hours, 7 days/week.
Calls may be recorded and monitored.
www.nationalgas.com

Asset Protection
National Gas Transmission
National Grid House
Warwick
CV34 6DA
Email: box.assetprotection@nationalgas.com
Tel: 0800 970 7000

National Gas Transmission– No Assets Affected Letter

Dear Sir/ Madam,

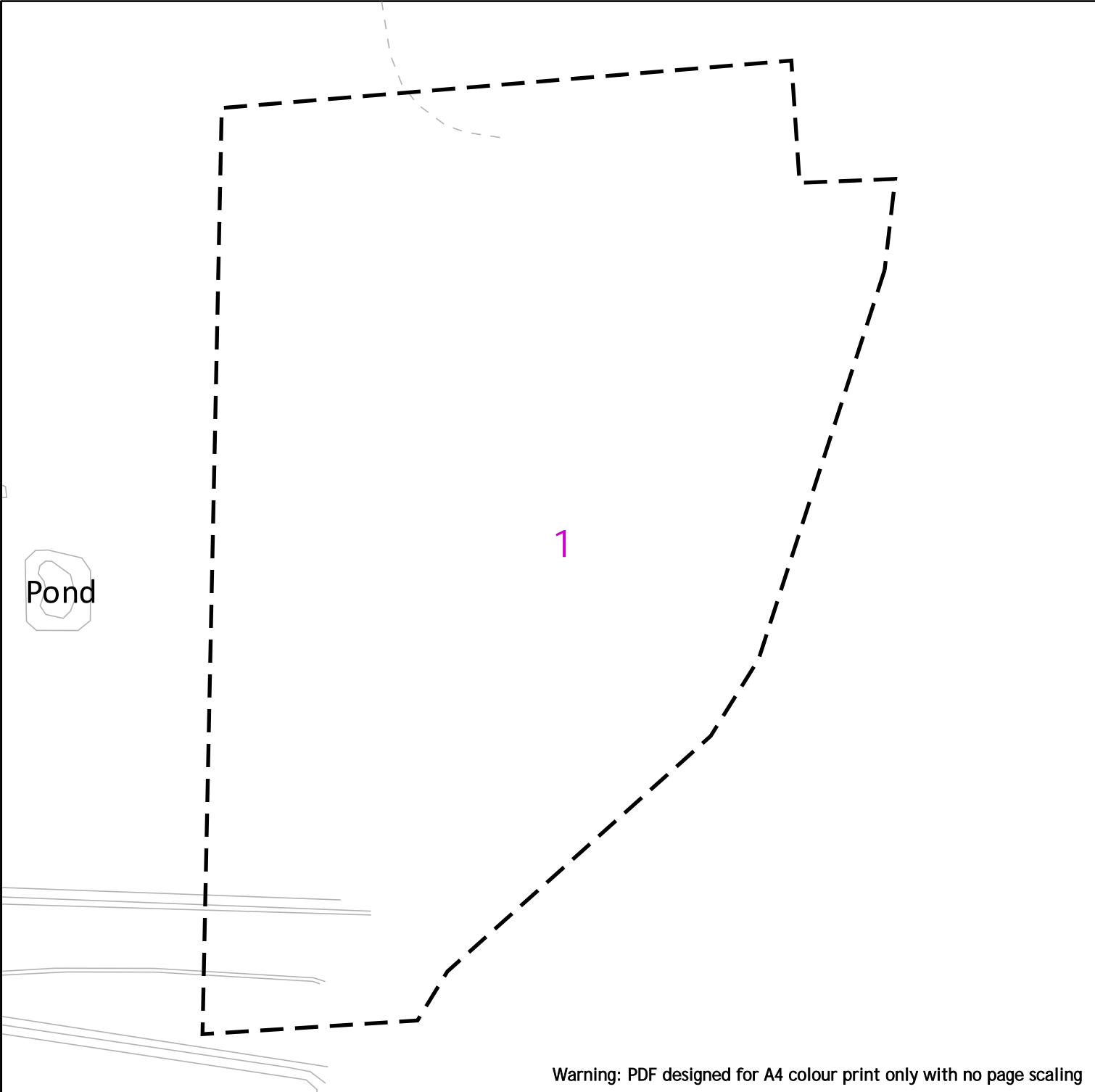
An assessment has been carried out with respect to National Gas Transmission plc's apparatus and the proposed work location. Based on the location entered into the system for assessment the area has been found to not affect any of National Gas Transmission plc's apparatus.

If you have any questions or suspect for any reason that the above may be incorrect, please don't hesitate to contact us at box.assetprotection@nationalgas.com, or call us on 0800 970 7000.

Please note this response and any attached map(s) are valid for 28 days

Yours sincerely,

Asset Protection Team



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<div data-bbox="55 1556 351 1646"></div> <div data-bbox="111 1668 295 1787"><p>National Gas Transmission National Grid House Warwick Technology Park Gallows Hill Warwick CV34 6DA</p></div> <div data-bbox="63 1803 338 1827"><p>box.assetprotection@nationalgas.com</p></div>	<div data-bbox="383 1568 1061 1601"></div> <div data-bbox="414 1624 997 1758"><p>Dig Sites Area: Line: </p><p> NHP Mains</p></div>
<p>Date Requested: 24/06/2024 Job Reference: 33833120 Site Location: 601950 301946 Requested by: Mr Ben Evans Your Scheme/Reference: 226208/KaY</p> <p>Scale: 1:2500 (When plotted at A4)</p>	<div data-bbox="375 1870 566 1899"><p>IMPORTANT NOTICES</p></div> <div data-bbox="375 1899 1556 2078"><p>This plan shows those pipes owned by National Gas Transmission PLC in its role as a licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regards to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc., are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by National Gas Transmission PLC or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.</p></div> <div data-bbox="662 2089 1260 2145"><p>National Gas Transmission Emergency Number: 0800 111 999 Available 24 hours, 7 days/week. Calls may be recorded and monitored</p></div> <div data-bbox="422 2161 1508 2184"><p><small>Crown Copyright © - Reproduced by permission of Ordnance Survey on behalf of HMSO. And database right 2023. All rights reserved. Ordnance Survey Licence number 100024886</small></p></div>

ENQUIRY SUMMARY

Received Date

24/06/2024 9:45

Work Start Date

25/06/2024

Your Reference

226208/KaY

Location

Centre Point: 601950 301946

X Extent:

Y Extent:

Postcode: NR9 4RG

Map Options

Paper Size: A4

Orientation: PORTRAIT

Scale: 1:2500

Real World Extents: 316m x 444m

Enquirer Details

Organisation Name: Atkins - Utility Solutions

Contact Name: Ben Evans

Email Address: searches.utilitysolutions@atkinsglobal.com

Telephone: 01454662086 / Not Supplied

Address: The Hub Aztec West, Almondsbury, BST, BS32 4RZ

Enquiry Type

Information Only

Activity Type

Utility Works

Work Types

Single excavations site (deeper than 1.5m)

Notes/Works Description (if supplied)

Site Contact Name (if supplied)

Site Contact Number (if supplied)

From: Stephen Elcock <Stephen.Elcock@networkrail.co.uk> on behalf of OP Buried Services Enquiries
<OPBuriedServicesEnquiries@networkrail.co.uk>
Sent: 21 June 2024 16:31
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - Please respond by 16/07/2024

OFFICIAL

With regards to your enquiry, Network Rail does not believe there is any Network Rail owned apparatus or underground services within the area you have defined. As there is always the possibility that new works could be planned and undertaken in this area by Network Rail this information is valid as at today's date and is supplied for general guidance only.

Please be aware that this response is based on Network Rail's records and knowledge and no guarantee can be given regarding accuracy or completeness. CAT scans, safe digging practices (as contained in HSE publications) and other appropriate investigative techniques should always be carried out.

There may be other apparatus or underground services owned or operated by Utility Companies and accordingly you should contact individual utilities for information.

If, in connection with your investigations and/or work, you become aware of Network Rail apparatus or underground services within your area of work, please ensure these are notified to our Asset Protection team via the following link as a matter of urgency so that appropriate measures for avoidance of risk and damage can be put in place.

Contact details can be found in the following link: [Network Rail Asset Protection Teams](#)

If you require any further clarification on any of the information please contact opburiedservicesenquiries@networkrail.co.uk.

Regards,

Stephen Elcock
Distribution Administrator



Worksite Survey

National Records Centre, Audax Rd, York, North Yorkshire, YO30 4US

From: BS Highways CH <BSHighwaysCH@norfolk.gov.uk>
Sent: 24 June 2024 15:12
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 226208 - Site off Attleborough Road,
Hingham, Norwich - Please respond by 16/07/2024

Hello

Site location: Site off Attleborough Road , Hingham

Your reference: 226208

Thank you for your email regarding the above.

Norfolk County Council has no street/sign lighting apparatus in the vicinity of your proposals.

Street lighting belonging to Hingham Parish Council may be in the vicinity of your proposals and you should make separate enquiries direct to them in respect of their apparatus.

Your proposals will not affect traffic signal equipment owned by the Council.

Please note: any areas not covered by the attached plans contain no Norfolk County Council street lighting apparatus.

Kind regards

Rachel

Rachel Bailey, Business Support Assistant (Highways)

Community, Information & Learning

Communities & Environment

Tel: 01603 222185 | Dept: 0344 800 8020 | Text Relay : 18001 0344 800 8020



Norfolk County Council



From: Plantenquiries@ocugroup.com
To: requests.utilitysolutions@atkinsrealis.com
Sent: 2024-07-01T11:29:39+00:00
Subject: E07-24-0111 RE: Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - Please respond by 16/07/2024

Dear Sir or Madam,

Thank you for your plant enquiry below.

We can confirm that Lumen Technologies (formerly CenturyLink Communications UK Limited, Level 3, Global Crossing (UK) Ltd, Global Crossing PEC, Fibernet UK Ltd and Fibrespan Ltd) do not have any apparatus within the indicated works area.

OCU responds to plant enquiries for all of the above and therefore you only need send one plant enquiry to cover all of these companies.

Please note that this response is only valid for 3 months. If your works do not commence within this time period, please resubmit your plant enquiry for assessment before any works commence.

Please note that our email address has changed from plantenquiries@instalcom.co.uk to plantenquiries@ocugroup.com. Could you please update your records accordingly.

Response times for plant requests are up to 10 working days. Please allow for 10 working days to pass before chasing requests.

Regards

Plant Enquiries Dept
OCU
Borehamwood Ind. Park
Rowley Lane
Borehamwood
WD6 5PZ

Office: +44 (0)208 731 4613
Fax: +44 (0)208 731 4601
Email: plantenquiries@ocugroup.com
Web: <http://www.ocugroup.com>





Plantenquiries | OCU Group | www.ocugroup.com

Email: Plantenquiries@ocugroup.com

[Follow Us](#) | [LinkedIn](#) | [Social Links](#)

Address - Artemis House, 8 Greek Street, Stockport, SK3 8AB

Your Privacy - Your privacy is important. We only use your personal information for specific purposes; see our [Privacy Policy](#).

Email Disclaimer - The content of this email is confidential. For full details please refer to our [Email Disclaimer](#).

From: NRSWA <nrswa.nrswa@sky.uk>
Sent: 21 June 2024 19:39
To: Utility Solutions GDC Requests
Subject: Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - 16/07/2024



Thank you for your enquiry.

Please be advised that Sky Telecommunications Services Ltd will not be affected by your proposal.

Best endeavours have been made to ensure accuracy, however if you require further information, please contact us by email at nrswa@sky.uk.

Regards



NRSWA Department
Sky UK - Technology - Operations

 nrswa@sky.uk  +44 2070323234

From: Utility Solutions <requests.utilitysolutions@atkinsrealis.com>
Sent: Friday, June 21, 2024 11:55 AM
To: NRSWA <nrswa.nrswa@sky.uk>
Subject: [EXTERNAL] Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - Please respond by 16/07/2024

Our Reference: 226208
Site Name: Site off Attleborough Road, Hingham, Norwich
Works Description: Building works: Low-rise
Site Grid References: 601968 301910

To whom it may concern,

From: osp-team@verizon.com
To: requests.utilitysolutions@atkinsrealis.com;osp-team@intl.verizon.com
Sent: 2024-06-27T10:33:04+00:00
Subject: Re: Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - Please respond by 16/07/2024

Dear Sir/Madam

Verizon is a licensed Statutory Undertaker.

We have reviewed your plans and have determined that Verizon (Formally known as MCI WorldCom, MFS) has no apparatus in the areas concerned.

If you have any further queries please do not hesitate to get in touch.

Yours faithfully

Plant Protection Officer (GB) Email osp-team@uk.verizon.com



As of 24/06/2024, Virgin Media are deemed to be not affected by your site.

An additional response from Virgin Media in relation to your area of interest is available on request from Landmark Customer Services with prices starting from £45.90 + VAT.

No liability of any kind whatsoever is accepted by Landmark Information Group, its servants or agents, for any error or omission in respect of information contained in this report. The underground services must be verified and established on site before any excavation is carried out.

From: National Plant Enquiries
Sent: 26 June 2024 14:48
To: Utility Solutions GDC Requests
Subject: RE: Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - Please respond by 16/07/2024

Please accept this email as confirmation that Vodafone: Fixed **does not** have apparatus within the vicinity of your proposed works detailed below.

Many thanks.

Plant Enquiries Team(RG)
T: +44 (0)1454 662881
E: osm.enquiries@atkinsglobal.com

This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK (now re-named Vodafone Enterprise UK), Energis Communications Limited, Thus Group Holdings Limited and Your Communications Limited.

ATKINS working on behalf of Vodafone: Fixed



PLEASE NOTE:

The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants, or agents, for any error or omission in respect of information contained on this information. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to Vodafone's apparatus and all claims made against them by Third parties as a result of any interference or damage.

IMPORTANT - PLEASE READ:

Diversions may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a request for a 'C3 Budget Estimate' to c3requests@vodafone.com. These estimates should be provided by Vodafone normally within 20 working days from receipt of your request. Please include proof of this C2 response when requesting a C3 (using the 'forward' option).



Please consider the environment before printing this e-mail

At Atkins - member of the SNC-Lavalin Group, we work flexible hours around the world. Although I have sent this email at a time convenient for me, I don't expect you to respond until it works for you.

From: Utility Solutions <requests.utilitysolutions@atkinsrealis.com>
Sent: Friday, June 21, 2024 4:25 PM
To: National Plant Enquiries <OSM.enquiries@atkinsrealis.com>
Subject: Plant Enquiry - 226208 - Site off Attleborough Road, Hingham, Norwich - Please respond by 16/07/2024

Our Reference: 226208
Site Name: Site off Attleborough Road, Hingham, Norwich
Works Description: Building works: Low-rise
Site Grid References: 601968 301910

Appendix C – BGS Data



British Geological Survey

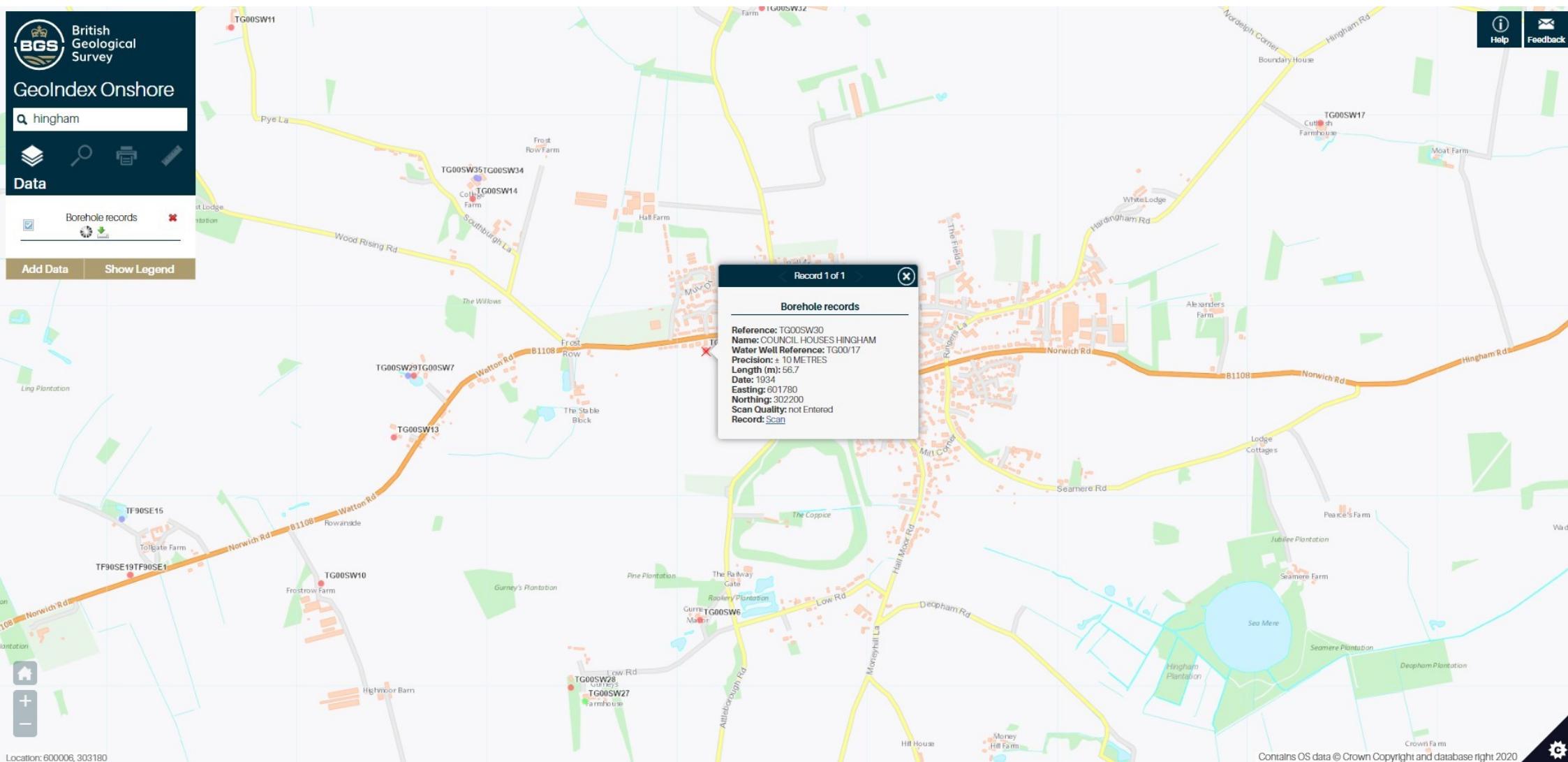
GeolIndex Onshore

Data

Borehole records

Add Data

Show Legend



Location: 600006, 303180

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**NGRC
BOREHOLE RECORDS
ADJUSTMENT FORM**

QUARTER SHEET

T400SW

BH REGISTRATION NUMBER

25-32

RECORDS ENTERED AND HELD BY WALLINGFORD

BH REGISTRATION NUMBER(S)

161/124 Forehoe and Henstead R.D.C., Council Houses, Hingham.

(Disused)

TG00/17

Surface +193. Shaft 44; rest bore. Lining tubes: 121½. R.W.L. +149.

Handpump. Buckingham, Oct. 1934.

TG 0178 0220

Sand and Gravel	}	...	...	111	111
Boulder Clay	}	...	...	75	186
Uck		...	...

Glacial Drift III	{	Glacial gravel	{	Well	44	44
		sand + boulder clay		Sand (coarse) + shingle	47	91
				Grey clay + sand (mixed)	20	111
				Chalk	75	186
Upper Chalk						
75						

pp. F. Cox
28/69

RECORD of WELL or BORING

at (house or farm) Three and Henstead R.D.C., TA00/17
Council Houses, Hingham.
 Town, Village, &c. _____ County Norfolk Six-inch map 73SWF

Exact site (unless a tracing from a map is supplied, give distance and direction from parish church, cross-roads, or other object shown on maps).

Popular Edition (Sheet
of
one-inch map. (Square

Surface level of ground 193 ft. above Ordnance Datum. Well or Bore commenced at _____ ft. below surface level of ground.

Sunk.....ft., diameter.....ft. Bored.....ft.; diameter of boring: at top.....in., at bottom.....in.

Details of lining tubes (internal diameters preferred) 121ft. 7in.

Water struck at depths of (feet)

Rest-level of water ^{below} top of well or bore.....ft. Pumping level.....ft. Time of recovery.....hours.

Suction at.....ft. depth. Yield: (i) on test.....galls. per....., (ii) normal.....galls. per.....

Quality (attach copy of analysis if available)

Made by for Mr Date of boring 4 Oct.

Information from F.H.Buckingham, Hethersett. 1934.

(For Survey use only).
GEOLOGICAL
CLASSIFICATION.

NATURE OF STRATA.
(and any additional remarks)

THICKNESS.

DEPTH.

Feet.	Inches.
-------	---------

Feet.	Inches.
-------	---------

glacial drift { glacial
gravel
sand
+ boulders }

Sand (Coarse) and shingle

Grey Clay and Sand (Mixed)

Chalk

Bored

~~Well~~

47

47

20

75

142

-44

91

)))

18

Water level - 44ft.

Visited 26/8/67 JB.
Hand pump - disused.
Surface well top at 193.
Sited on Norfolk 73 SW/E.

DATA Bank

GEOLOGICAL SURVEY AND MUSEUM,
SOUTH KENSINGTON,
LONDON, S.W. 7.

For Survey use only.

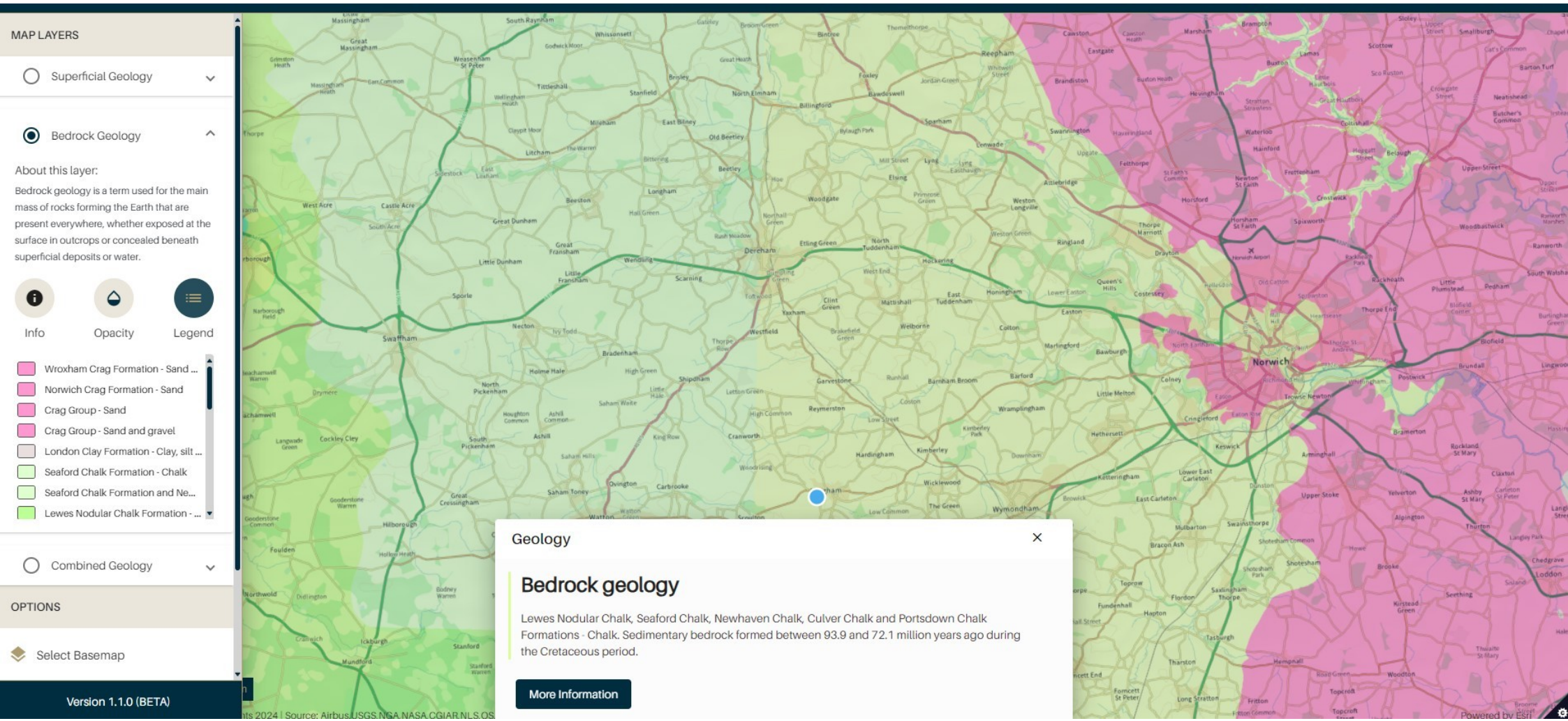
Date received.

G.S.M.

M. of H.
notified.

Site marked
on 1" map.

(66237B) Wt 28270/58 2,500 2/35
H, J, R & L, Ld Gp 616





MAP LAYERS



Superficial Geology



About this layer:

Superficial deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 2.6 million years from the present.



Info



Opacity



Legend

- Happisburgh Glacigenic Formatio...
- Happisburgh Glacigenic Formatio...
- Lodge Farm Silt and Clay Member...
- Lowestoft Formation - Clay and silt
- Lowestoft Formation - Diamicton
- Lowestoft Formation - Sand and g...
- Bacton Green Till Member - Diami...
- Briton's Lane Sand and Gravel Me...



Bedrock Geology



Combined Geology

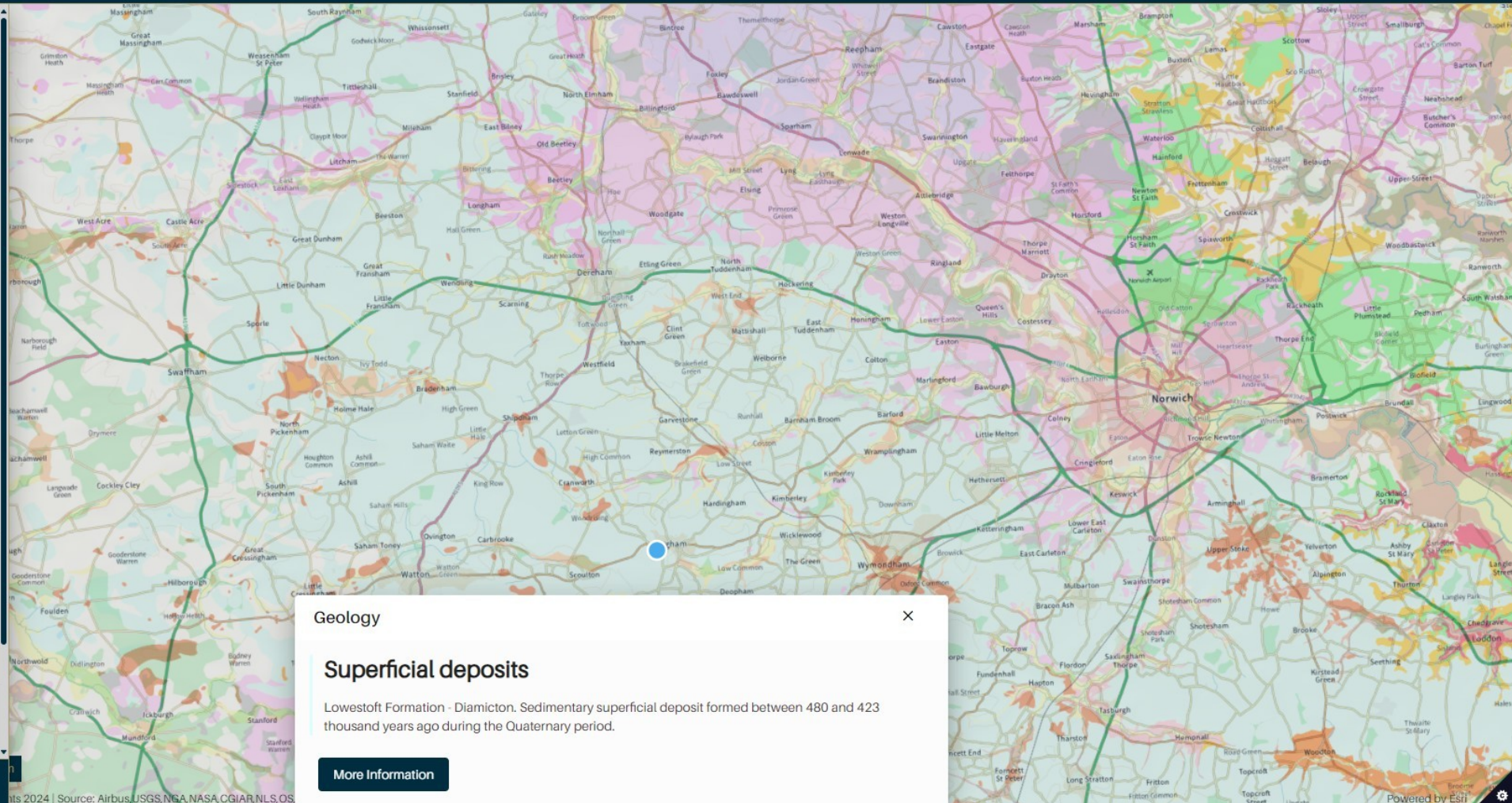


OPTIONS

Select Basemap

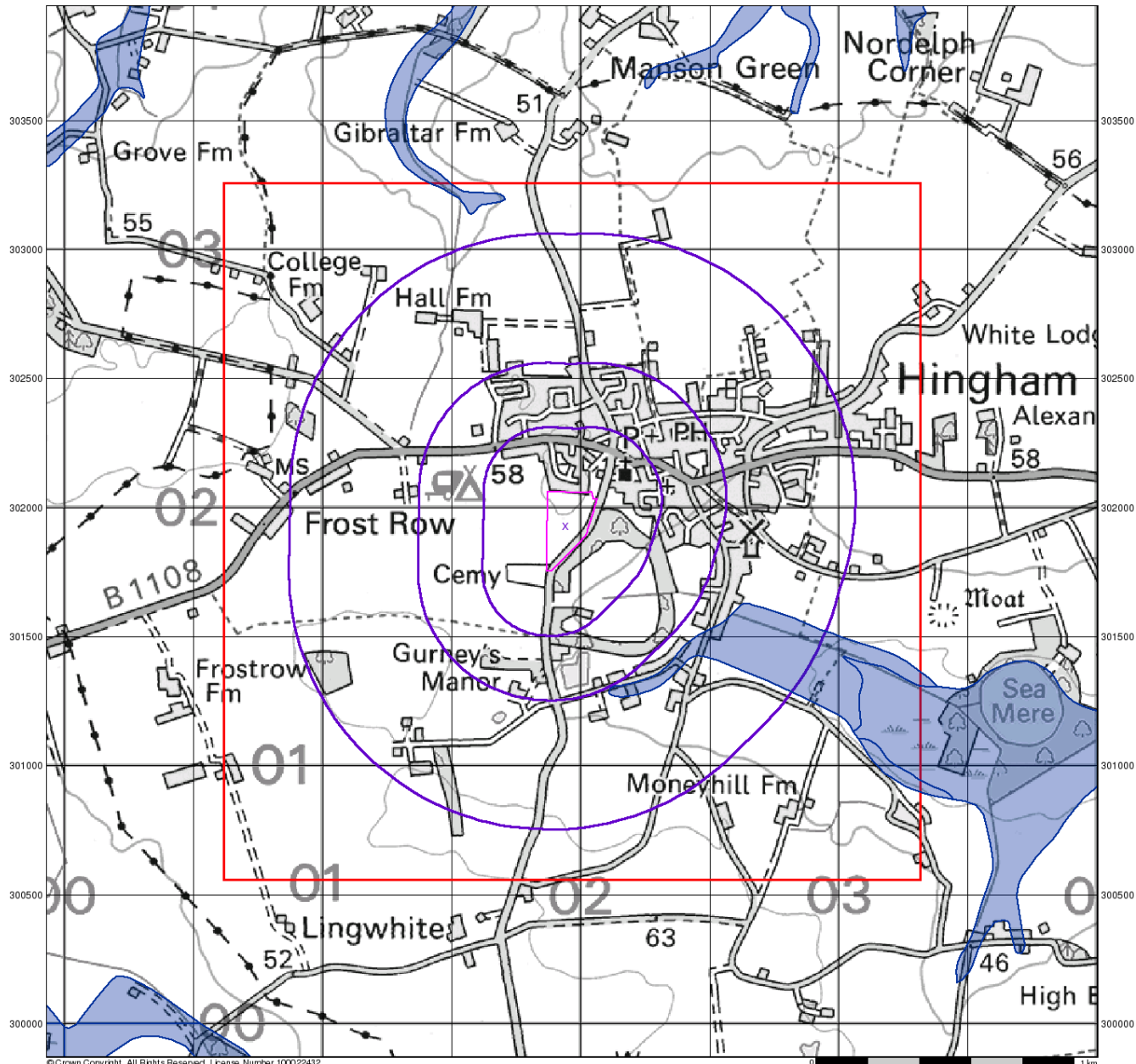
Options

Version 1.1.0 (BETA)



Appendix D – ENVIROCHECK MAPS

600000 600500 601000 601500 602000 602500 603000 603500 604000



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Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

BGS Flood Data (1:50,000)

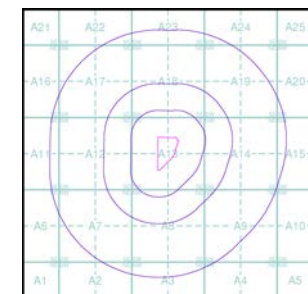
General

- 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



Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

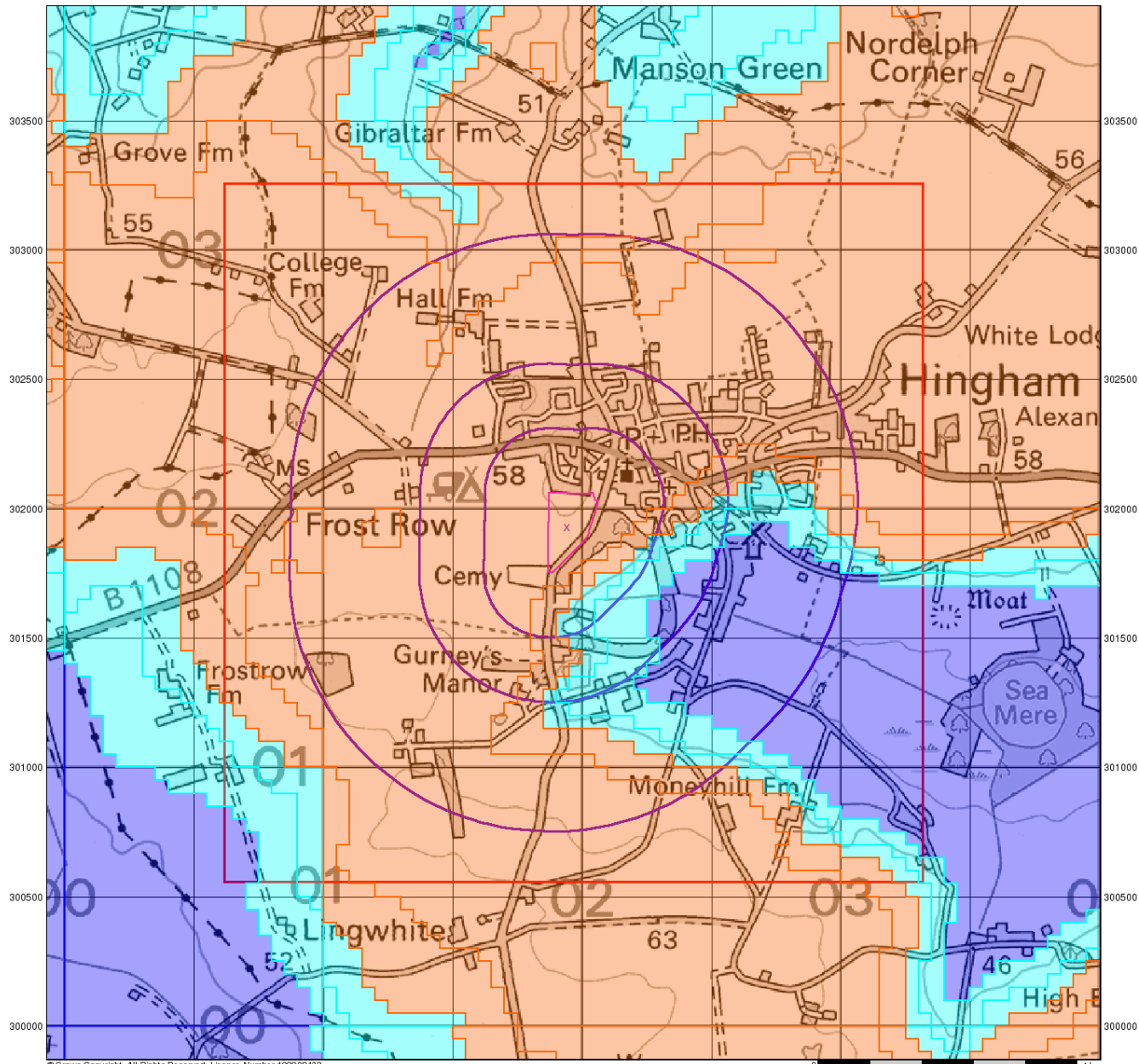
Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

Landmark[®]
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

600000 600500 601000 601500 602000 602500 603000 603500 604000



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0 1 km

Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

BGS Flood Data (1:50,000)

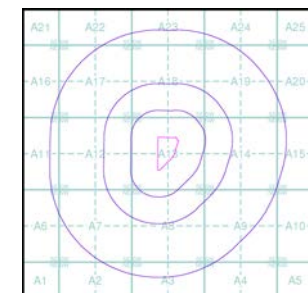
General

- 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: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

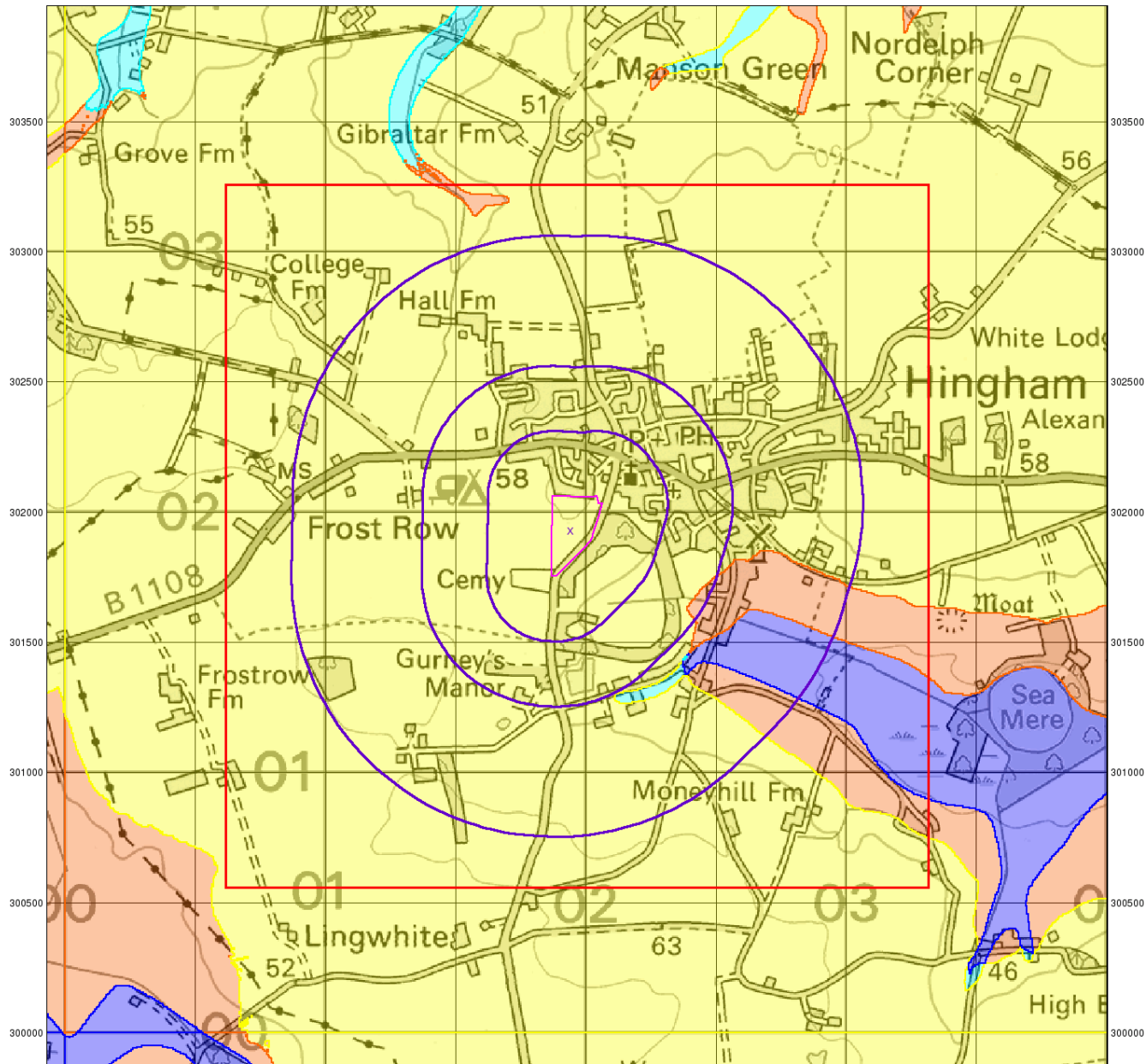
Site Details

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

600000 600500 601000 601500 602000 602500 603000 603500 604000



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0 1 km

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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

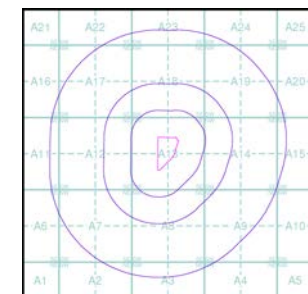
High Risk

Moderate Risk

Low Risk

Negligible Risk

GeoSmart Information Groundwater Flood Map - Slice A



Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

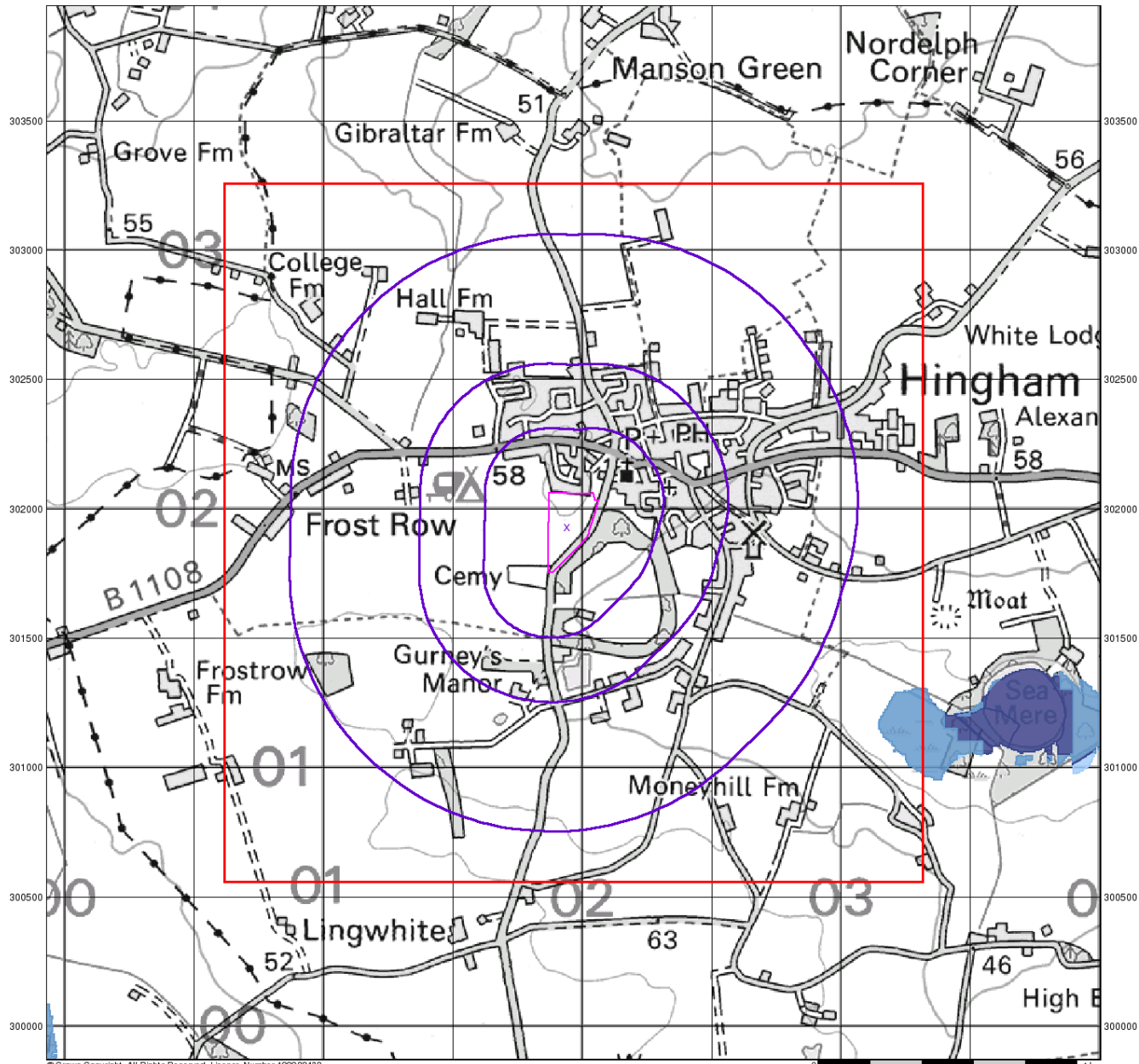
Site Details

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600000 600500 601000 601500 602000 602500 603000 603500 604000



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0 1 km

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

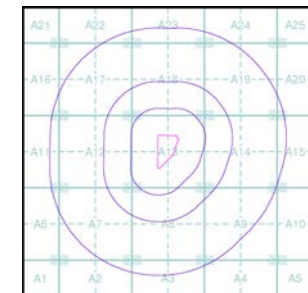
General

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



Order Details

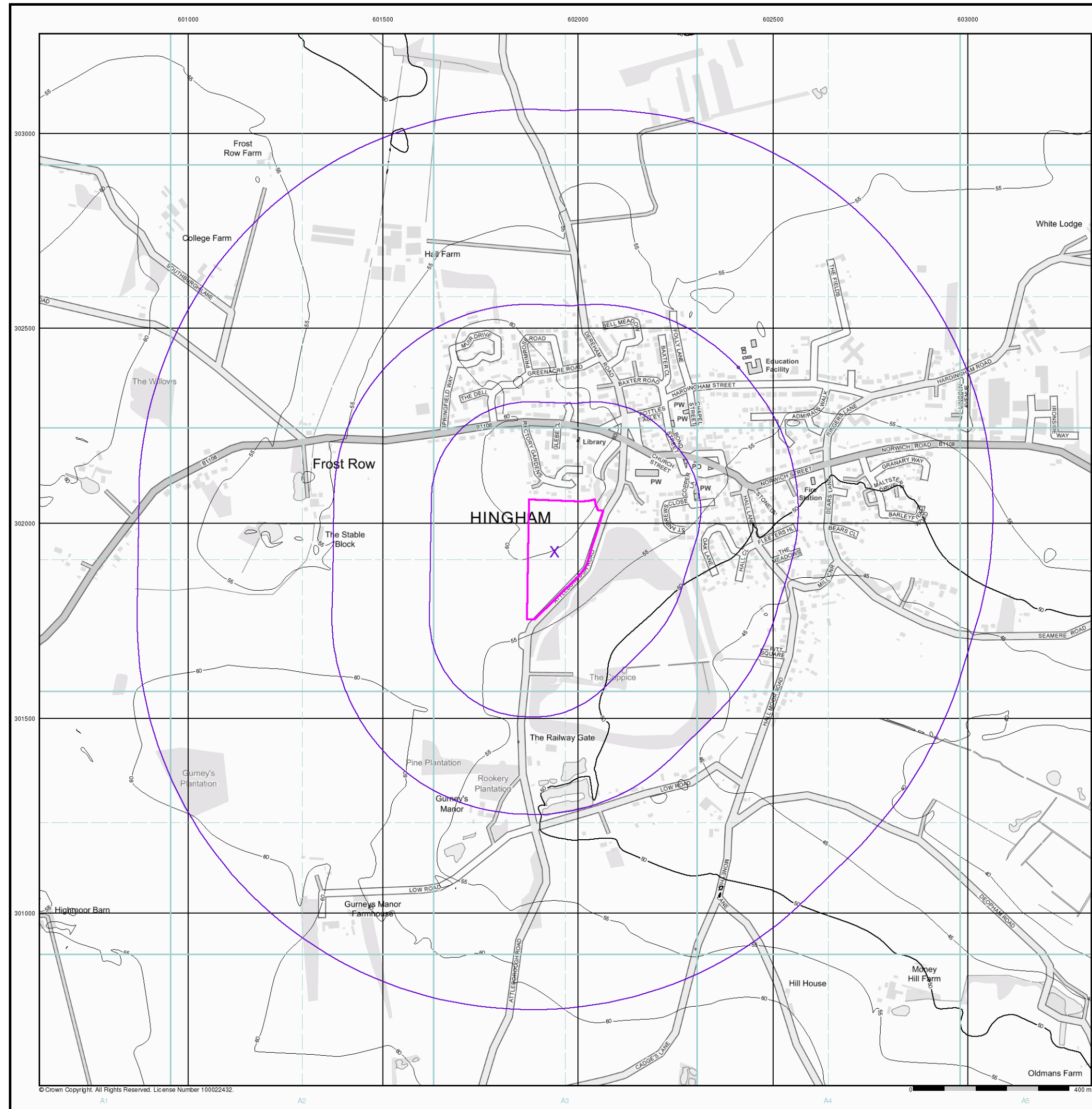
Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

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EANRW Flood Data Map (1:10,000)

General

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

Flood Data

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Contours (height in metres)

Standard Contour: 105, 100, 95

Master Contour: 105, 100, 95

Spot Height: 167.8

MLW: Mean Low Water

MHW: Mean High Water

EANRW Flood Data Map - Slice A

Order Details

Order Number:	350692419_1_1
Customer Ref:	C240100591
National Grid Reference:	601940, 301930
Slice:	A
Site Area (Ha):	4.07
Search Buffer (m):	1000

Site Details

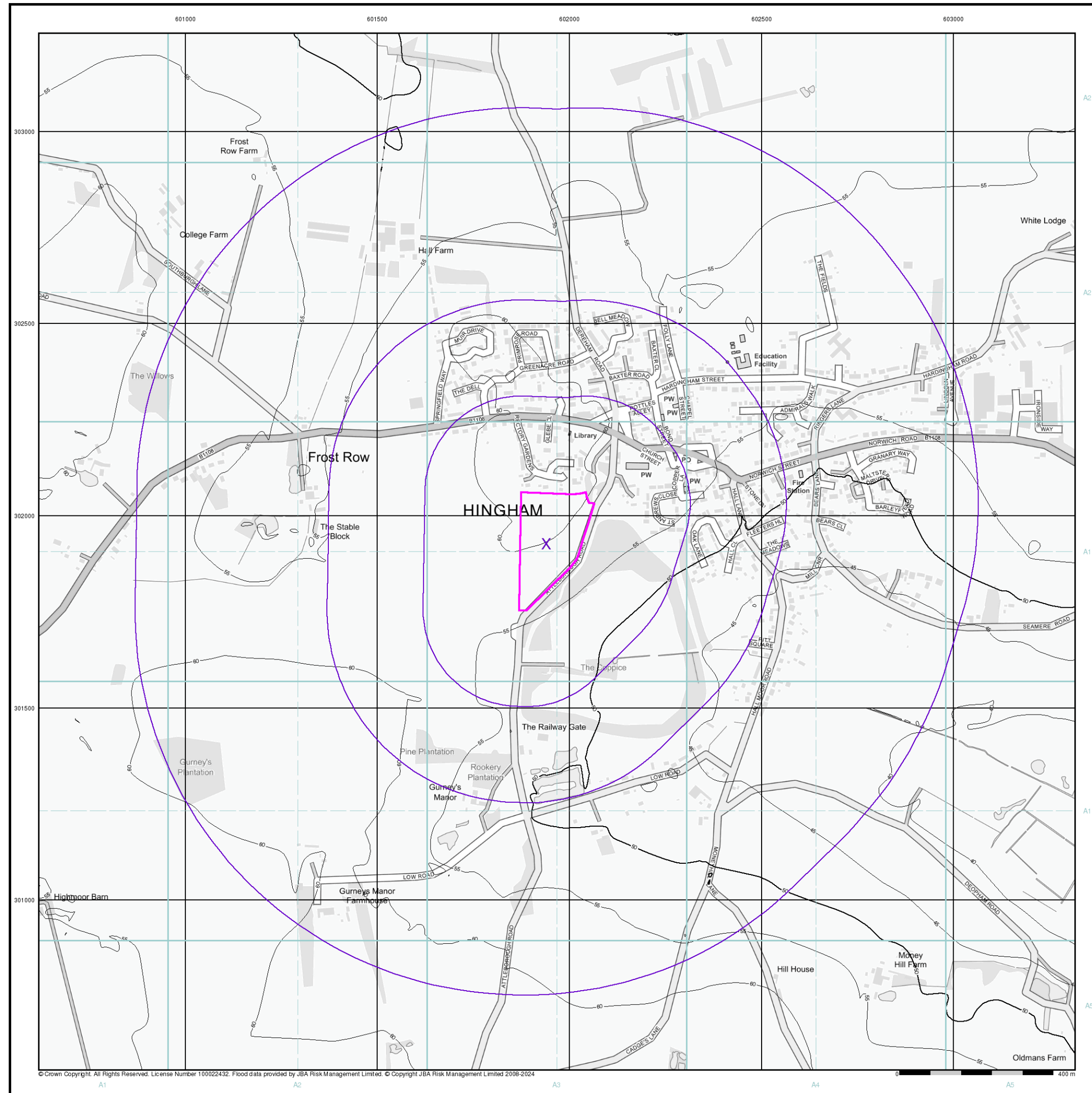
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JBA 100 Year Return Flood Map (Un defended) (1:10,000)

General

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

Modelled Flood Depth

Fluvial Depth	Coastal Depth
0.01m - 0.05m	0.01m - 0.05m
0.05m - 0.1m	0.05m - 0.1m
0.1m - 0.3m	0.1m - 0.3m
0.3m - 1m	0.3m - 1m
>1m	>1m

Contours (height in metres)

Standard Contour: 105, 100, 95

Master Contour: 105, 100, 95

Spot Height: 167.8

MLW: Mean Low Water

MHW: Mean High Water

JBA 100 Year Return Flood Map (Un defended) - Slice A

Order Details

Order Number: 350692419_1_1

Customer Ref: C240100591

National Grid Reference: 601940, 301930

Slice: A

Site Area (Ha): 4.07

Search Buffer (m): 1000

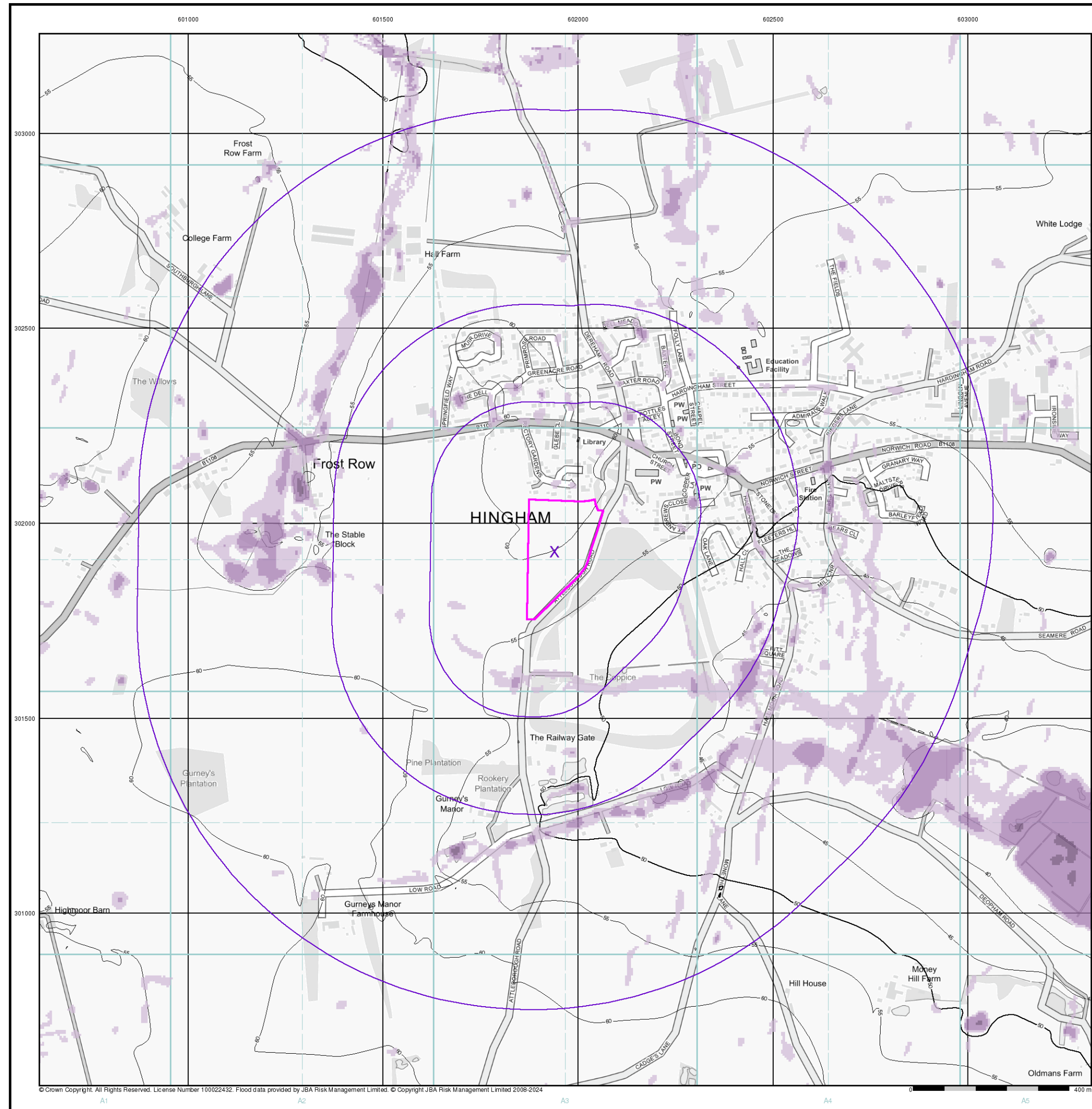
Site Details

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Web: www.envirocheck.co.uk

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JBA 1000 Year Return Flood Map (Undefended) (1:10,000)

General

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

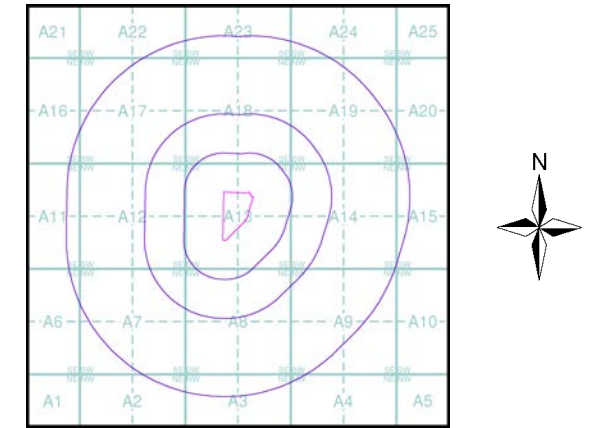
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

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

JBA 1000 Year Return Flood Map (Undefended) - Slice A

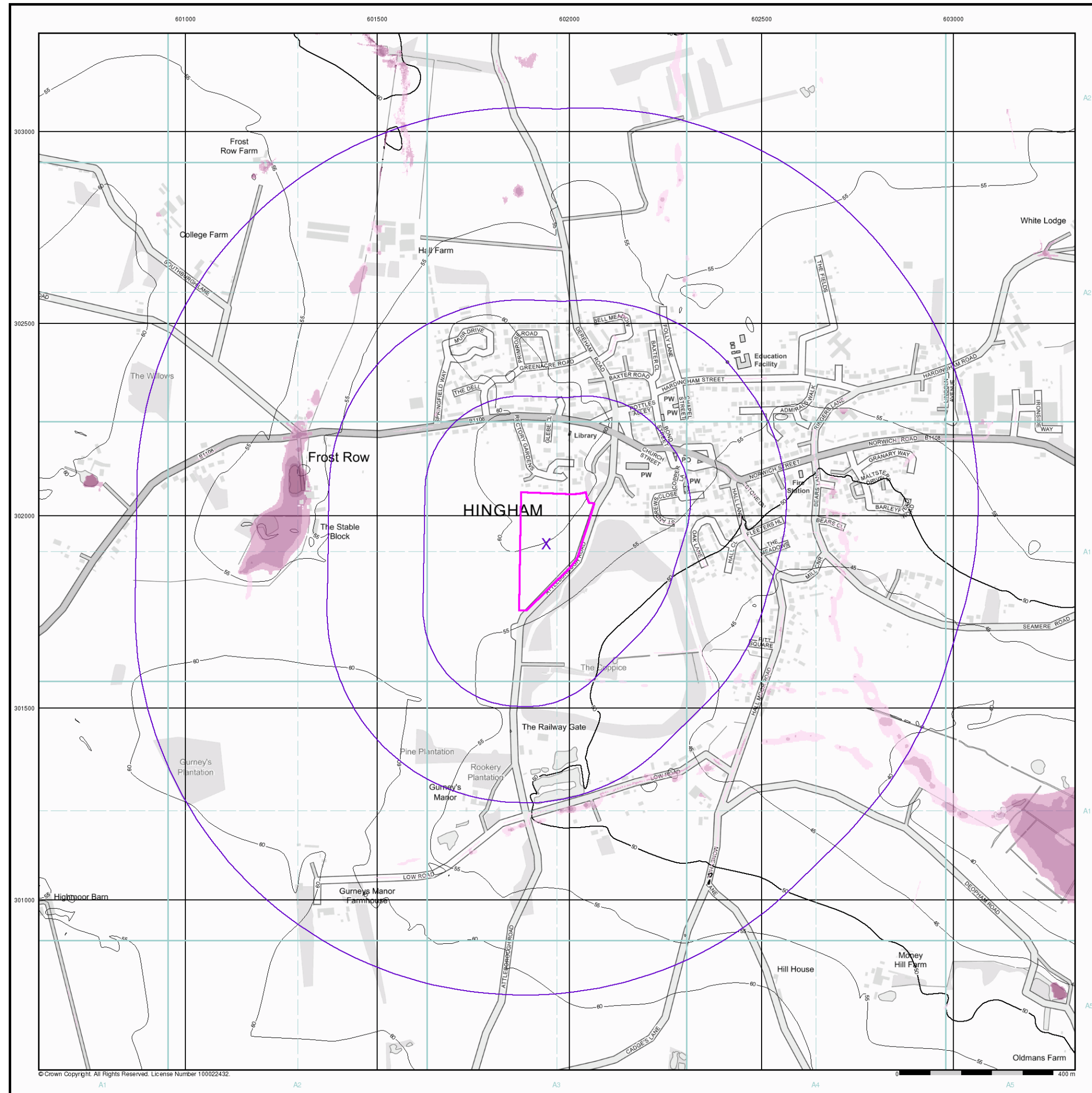


Order Details

Order Number: 350692419_1_1
 Customer Ref: C240100591
 National Grid Reference: 601940, 301930
 Slice: A
 Site Area (Ha): 4.07
 Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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

General

Specified Site Specified Buffer(s) 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 Master Contour Spot Height

MLW Mean Low Water MHW Mean High Water

*167.8

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

Order Details

Order Number:	350692419_1_1
Customer Ref:	C240100591
National Grid Reference:	601940, 301930
Slice:	A
Site Area (Ha):	4.07
Search Buffer (m):	1000

Site Details

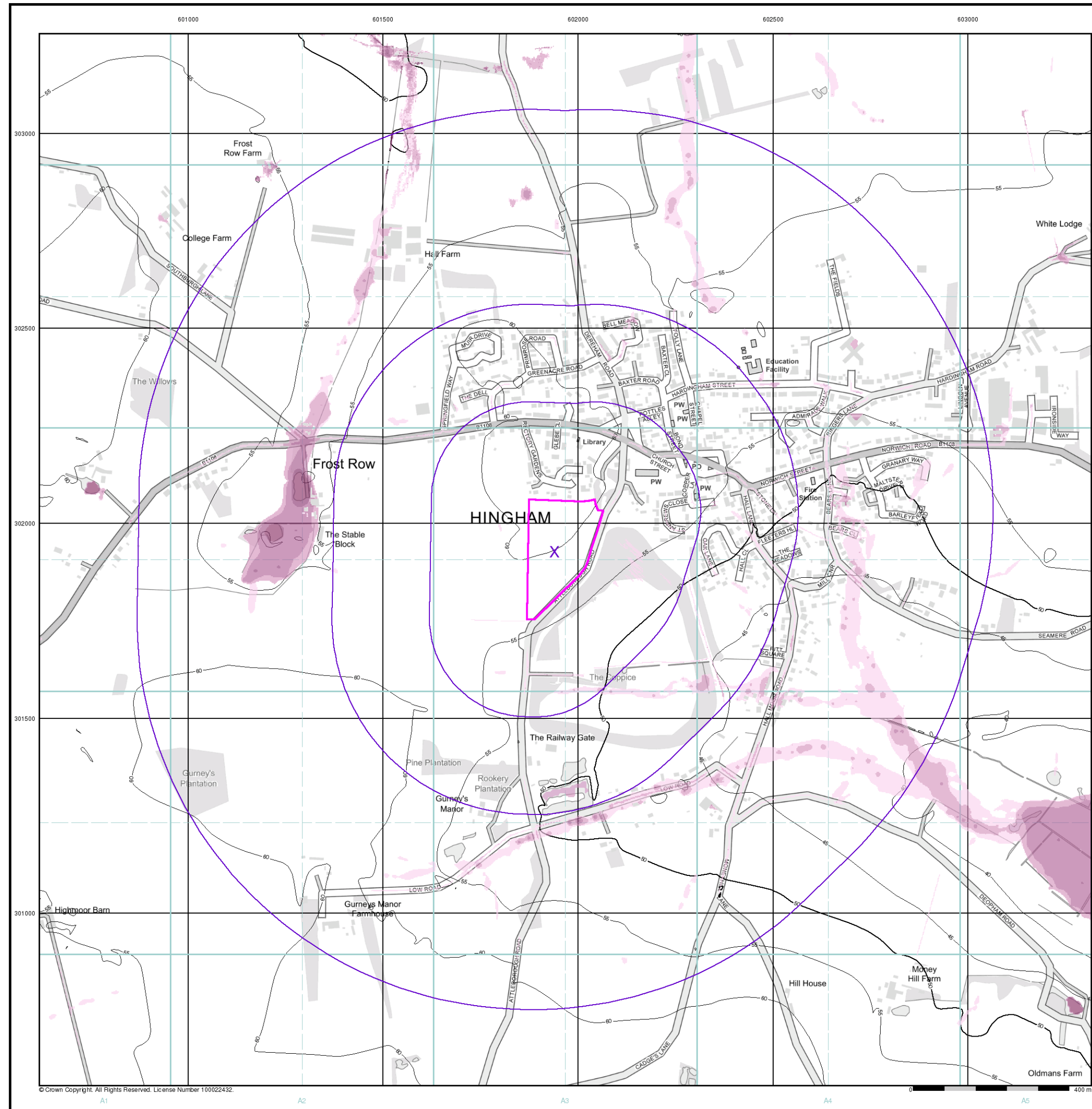
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Fax:	0844 844 9951
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E/NRW Surface Water 100 Year Return Depth Map

General

Specified Site Specified Buffer(s) 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)

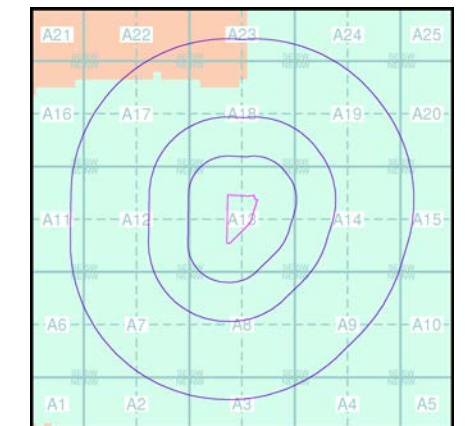
Standard Contour 105 100 95
Master Contour 105 100 95
Spot Height *167.8
MLW Mean Low Water
MHW Mean High Water

Suitability

See the suitability map below

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

E/NRW Suitability Map - Slice A

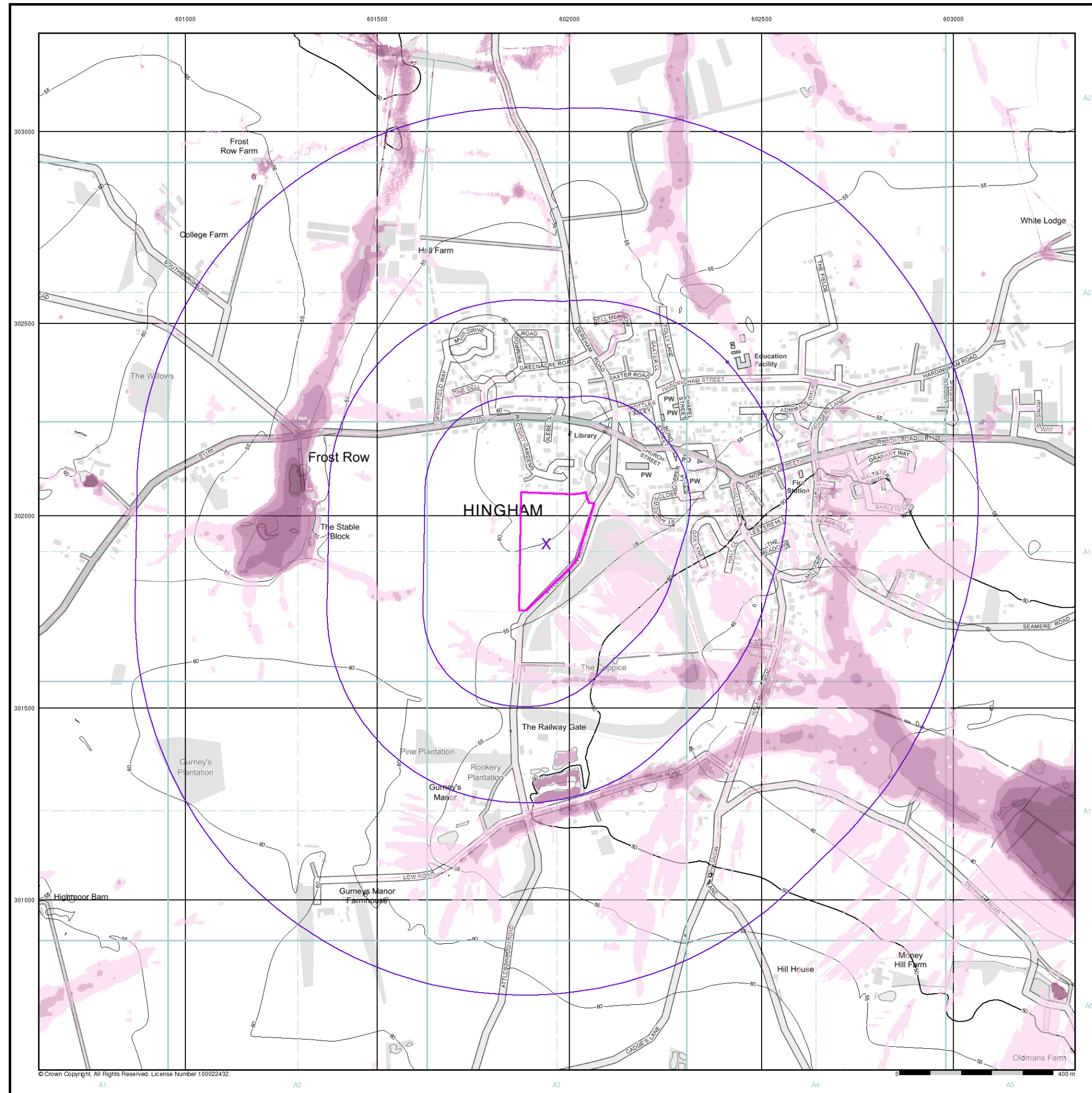


Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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EANRW Surface Water 1000 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 Master Contour Spot Height

105 100 95

MLW Mean Low Water MHW Mean High Water

*167.8

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

Order Details

Order Number:	350692419_1_1
Customer Ref:	C240100591
National Grid Reference:	601940, 301930
Slice:	A
Site Area (Ha):	4.07
Search Buffer (m):	1000

Site Details

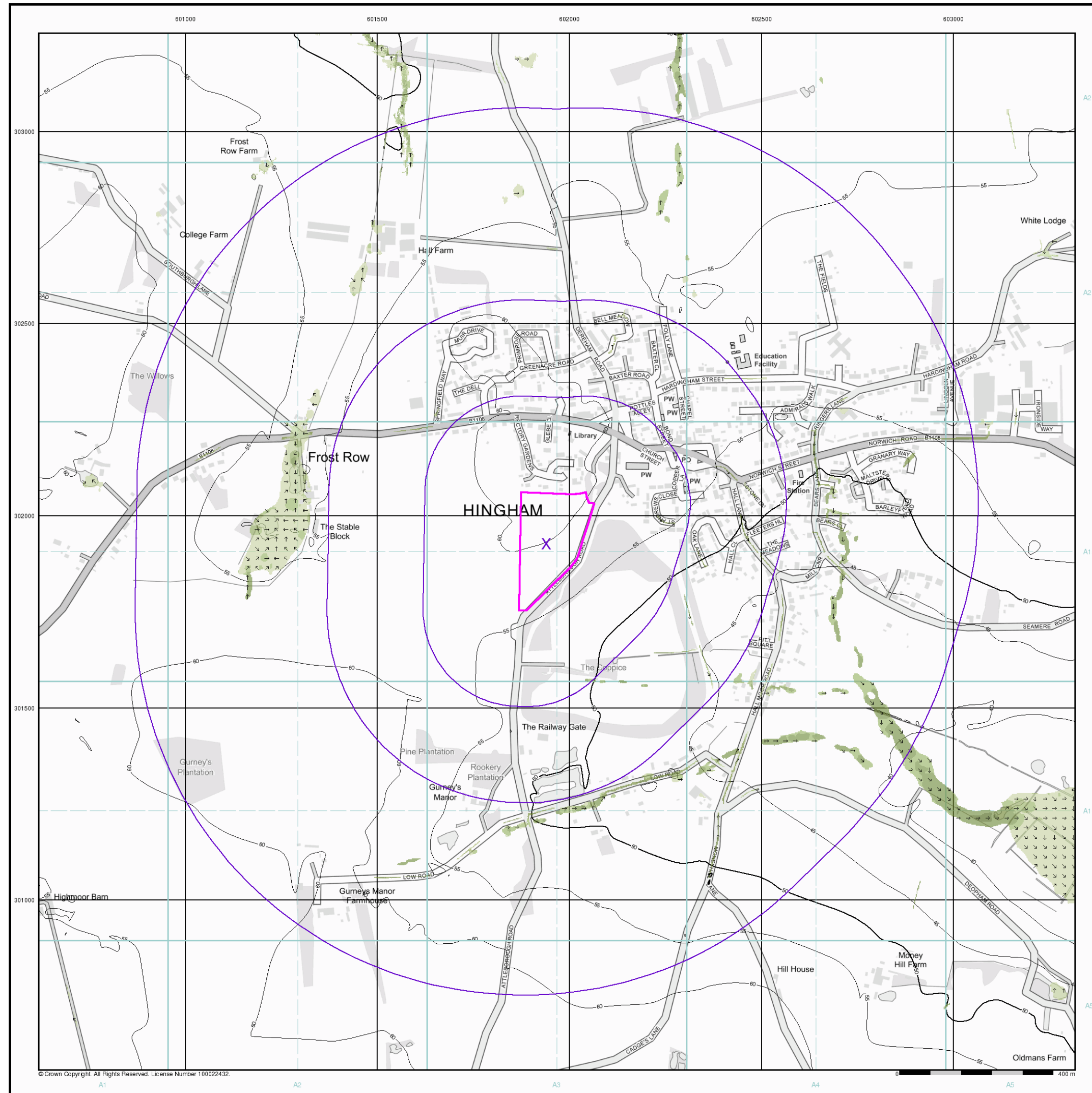
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

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Web:	www.envirocheck.co.uk

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

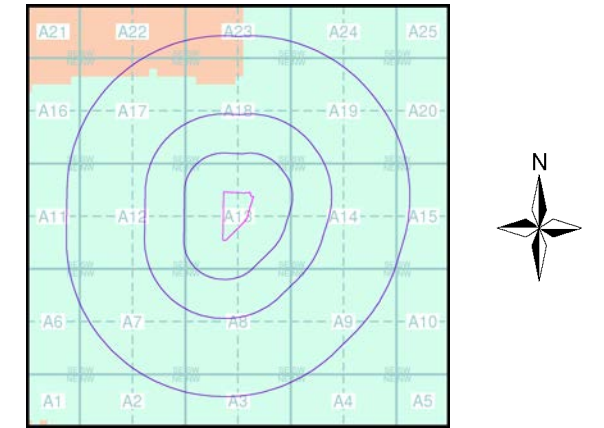
General
Specified Site Specified Buffer(s) Bearing Reference Point

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)
Standard Contour
Master Contour
Spot Height *167.8
MLW Mean Low Water
MHW Mean High Water

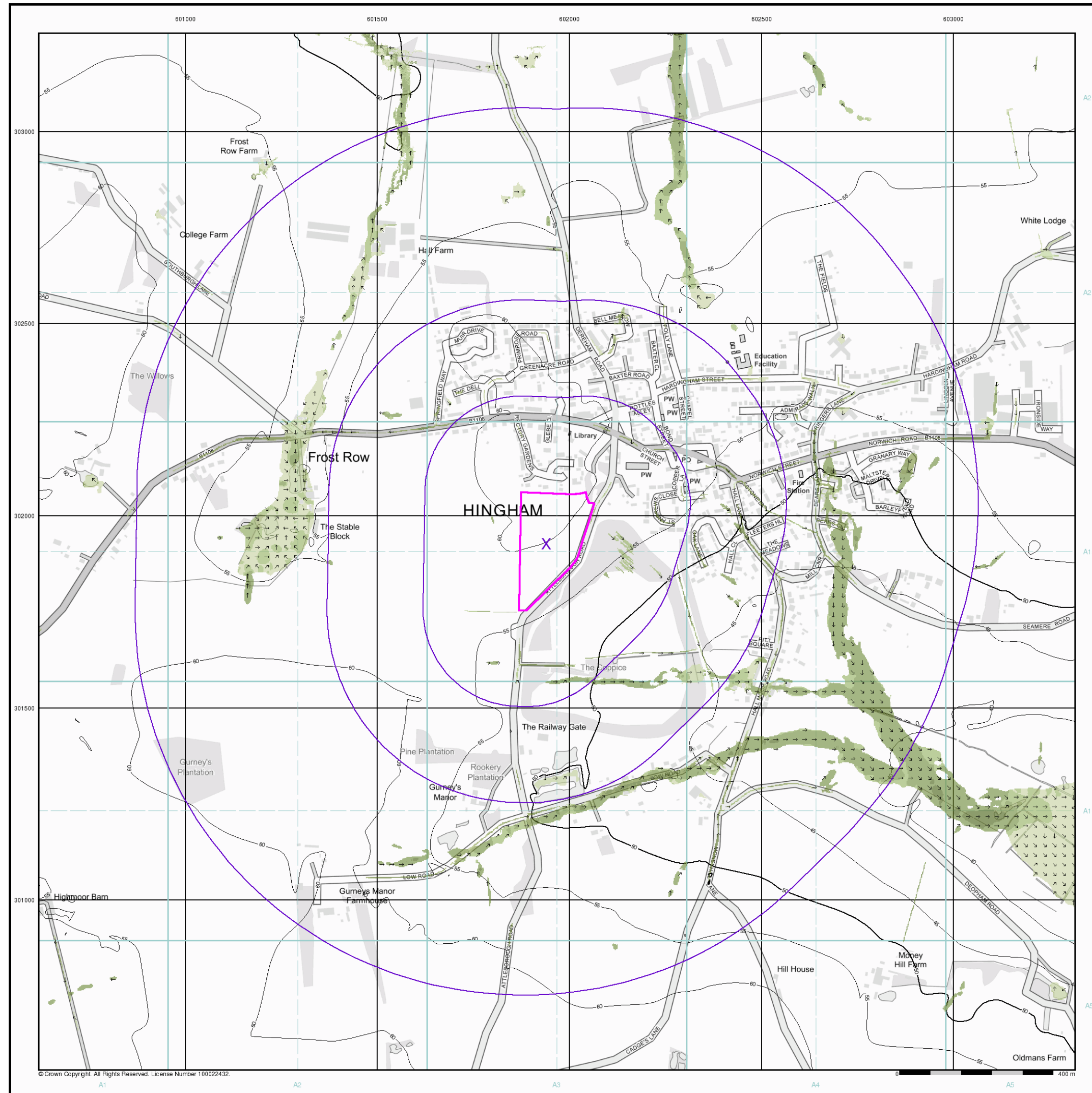
Suitability
See the suitability map below
National to county
County to town
Town to street
Street to parcels of land
Property

EANRW Suitability Map - Slice A



Order Details
Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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Envirocheck[®]

LANDMARK INFORMATION GROUP[®]

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	Flow Direction at maximum velocity
0.25 - 0.50m/s	
0.50 - 1.00m/s	
1.00 - 2.00m/s	
> 2.00m/s	

Contours (height in metres)

Standard Contour Master Contour Spot Height

105 100 95

MLW Mean Low Water MHW Mean High Water

*167.8

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

Order Details

Order Number:	350692419_1_1
Customer Ref:	C240100591
National Grid Reference:	601940, 301930
Slice:	A
Site Area (Ha):	4.07
Search Buffer (m):	1000

Site Details

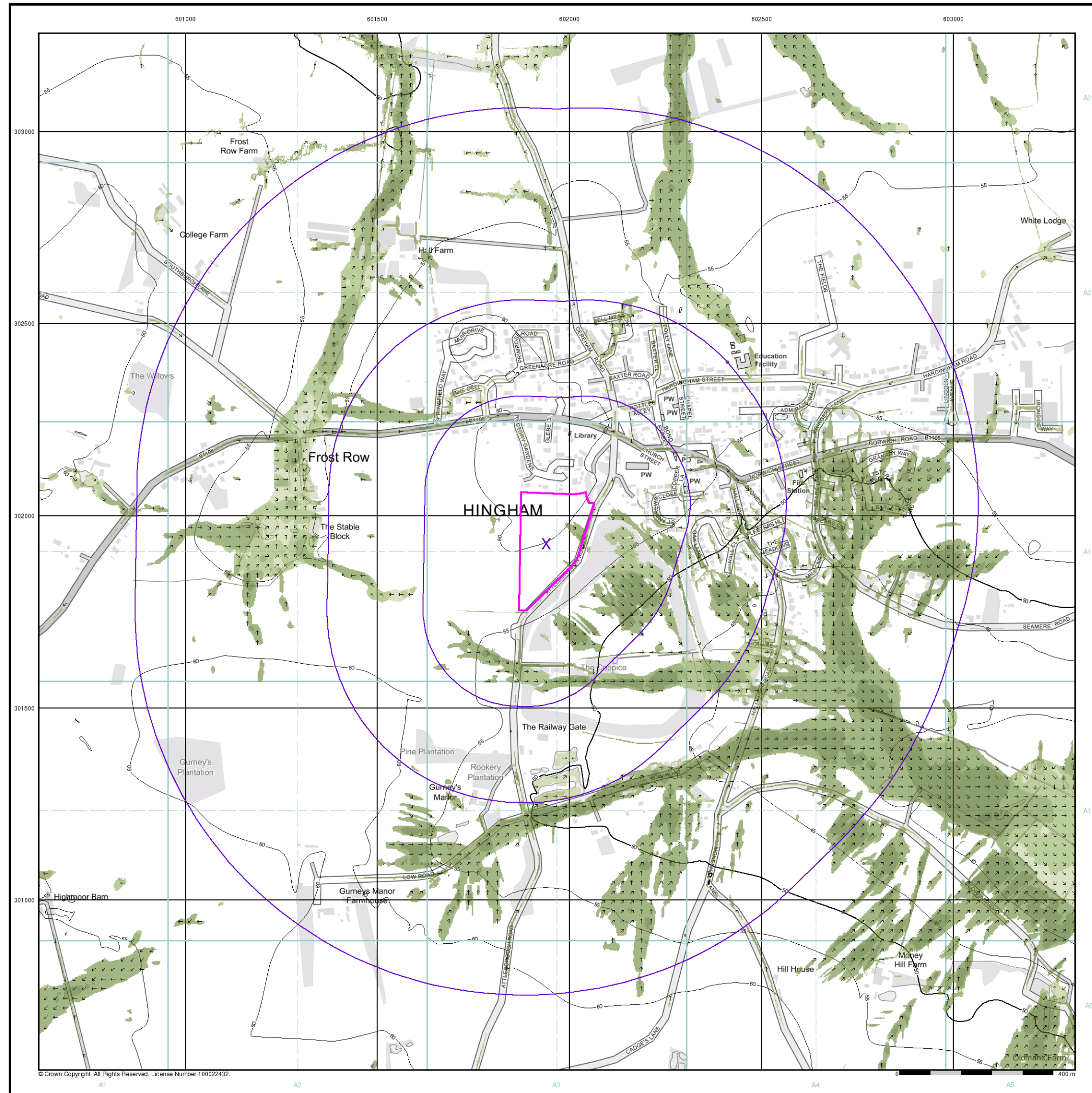
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

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INFORMATION GROUP

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Fax:	0844 844 9951
Web:	www.envirocheck.co.uk

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EANRW Surface Water 1000 Year Return Velocity and Flow Direction Map (1:10,000)

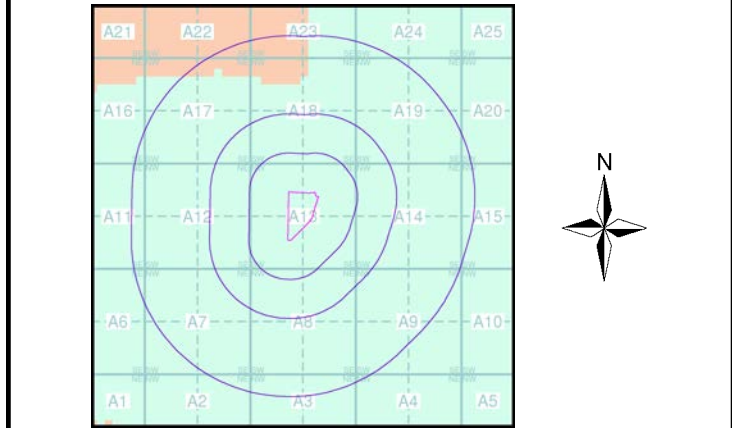
General
Specified Site Specified Buffer(s) Bearing Reference Point

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

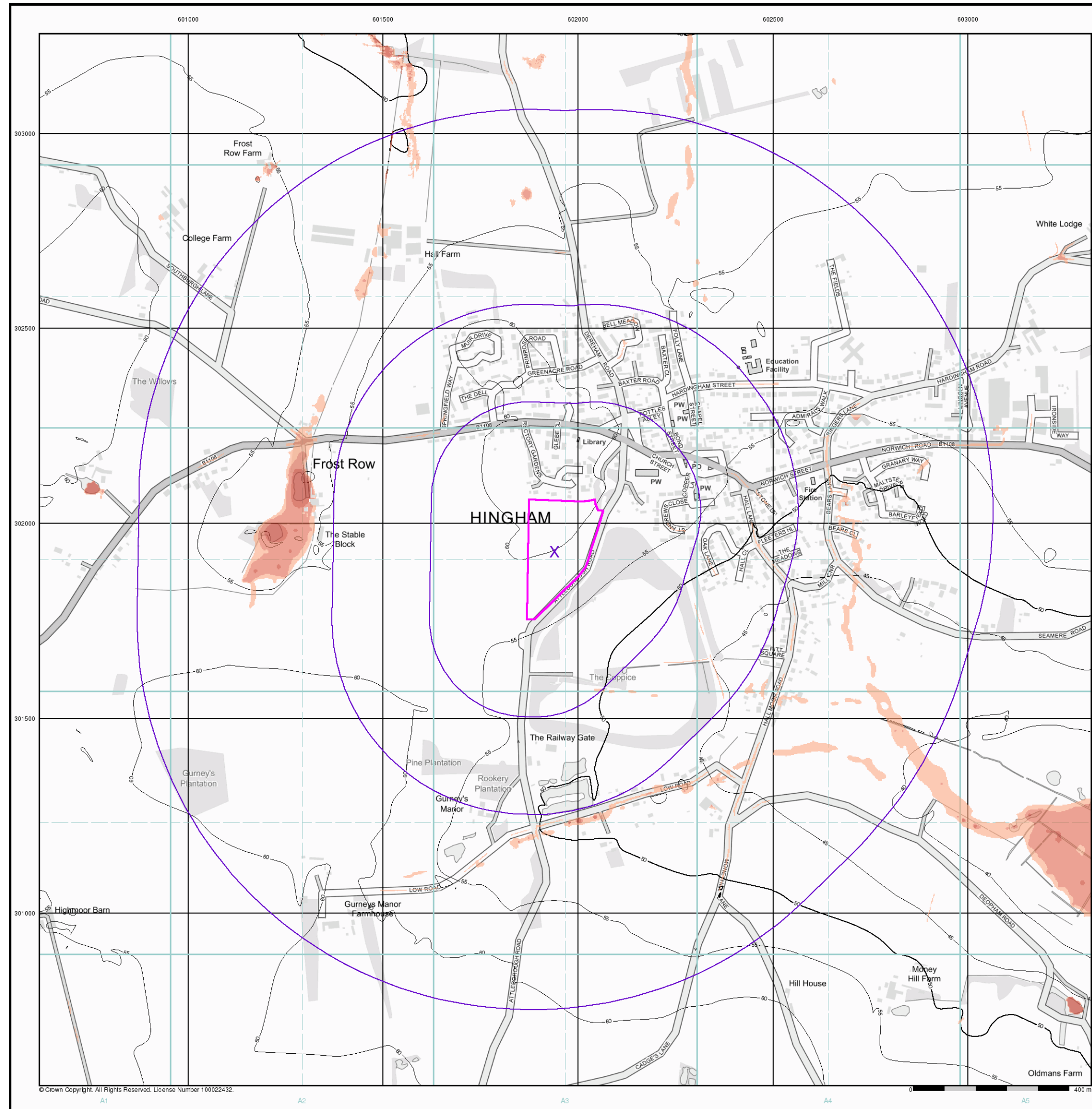
Suitability
See the suitability map below
National to county
County to town
Town to street
Street to parcels of land
Property

EANRW Suitability Map - Slice A



Order Details
Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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

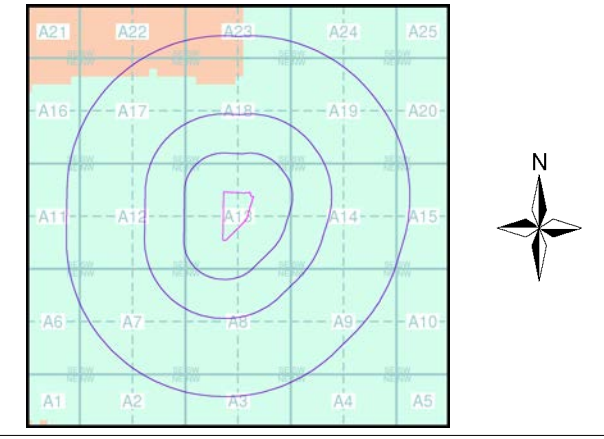
General
Specified Site Specified Buffer(s) X Bearing Reference Point

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

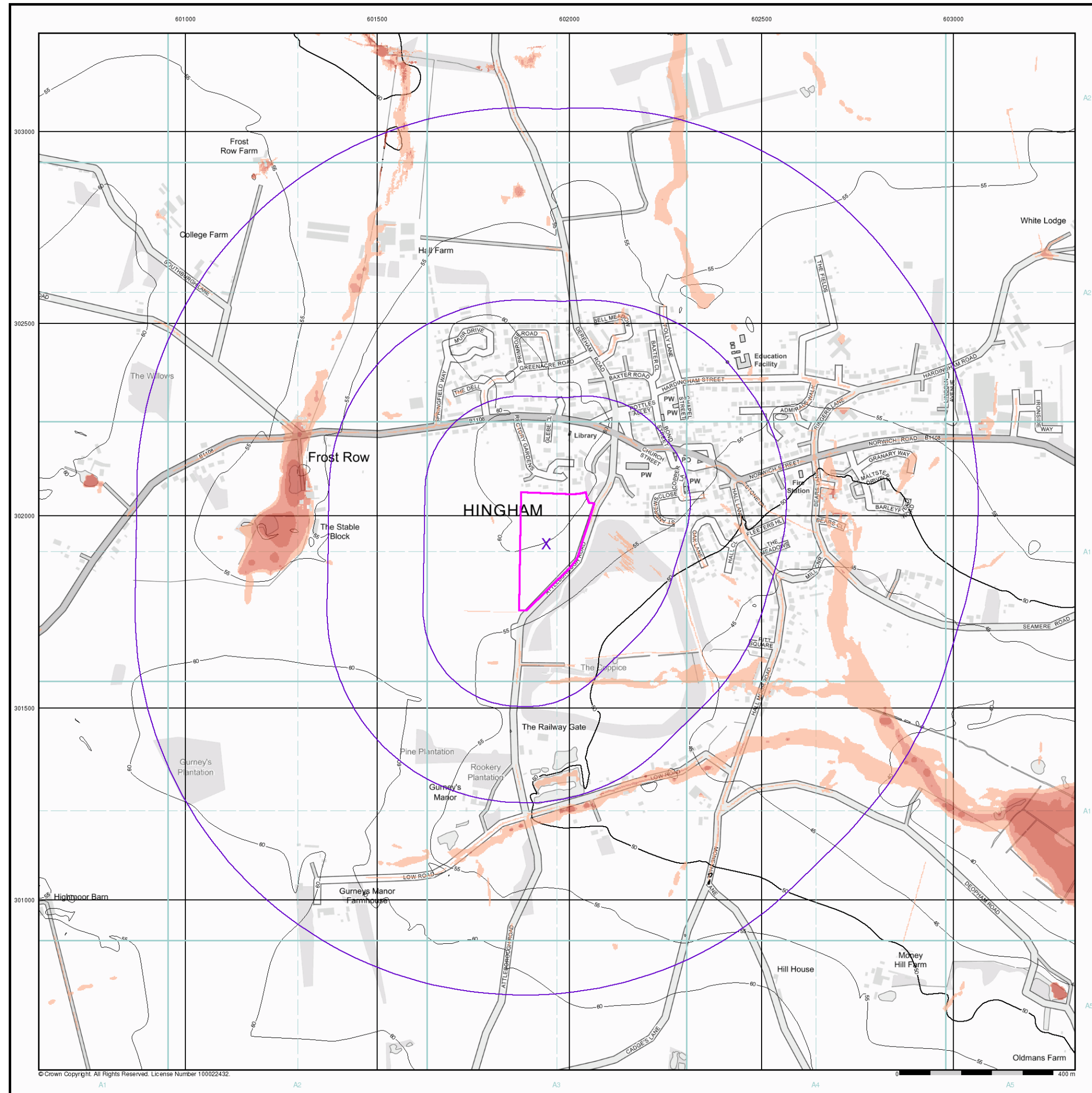
Suitability
See the suitability map below
National to county
County to town
Town to street
Street to parcels of land
Property

EANRW Suitability Map - Slice A



Order Details
Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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EANRW Surface Water 100 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)

Standard Contour Master Contour Spot Height

MLW Mean Low Water
MHW Mean High Water

167.8

Suitability

See the suitability map below

National to county
County to town
Town to street

Street to parcels of land
Property

EANRW Suitability Map - Slice A

N

Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

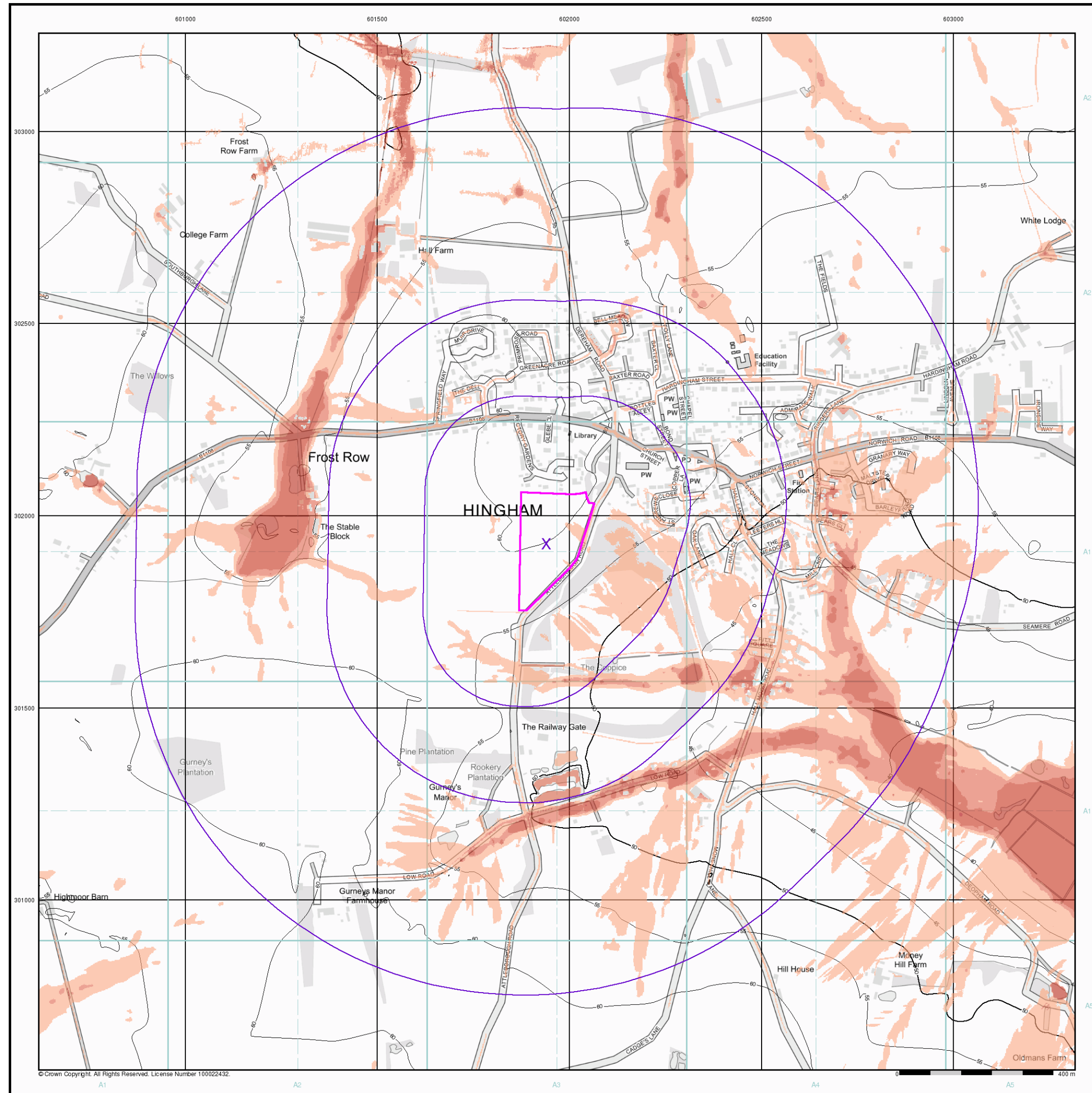
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

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EANRW Surface Water 1000 Year Return Hazard Rating Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- 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)

- Standard Contour
- Master Contour
- Spot Height

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

Order Details

Order Number:	350692419_1_1
Customer Ref:	C240100591
National Grid Reference:	601940, 301930
Slice:	A
Site Area (Ha):	4.07
Search Buffer (m):	1000

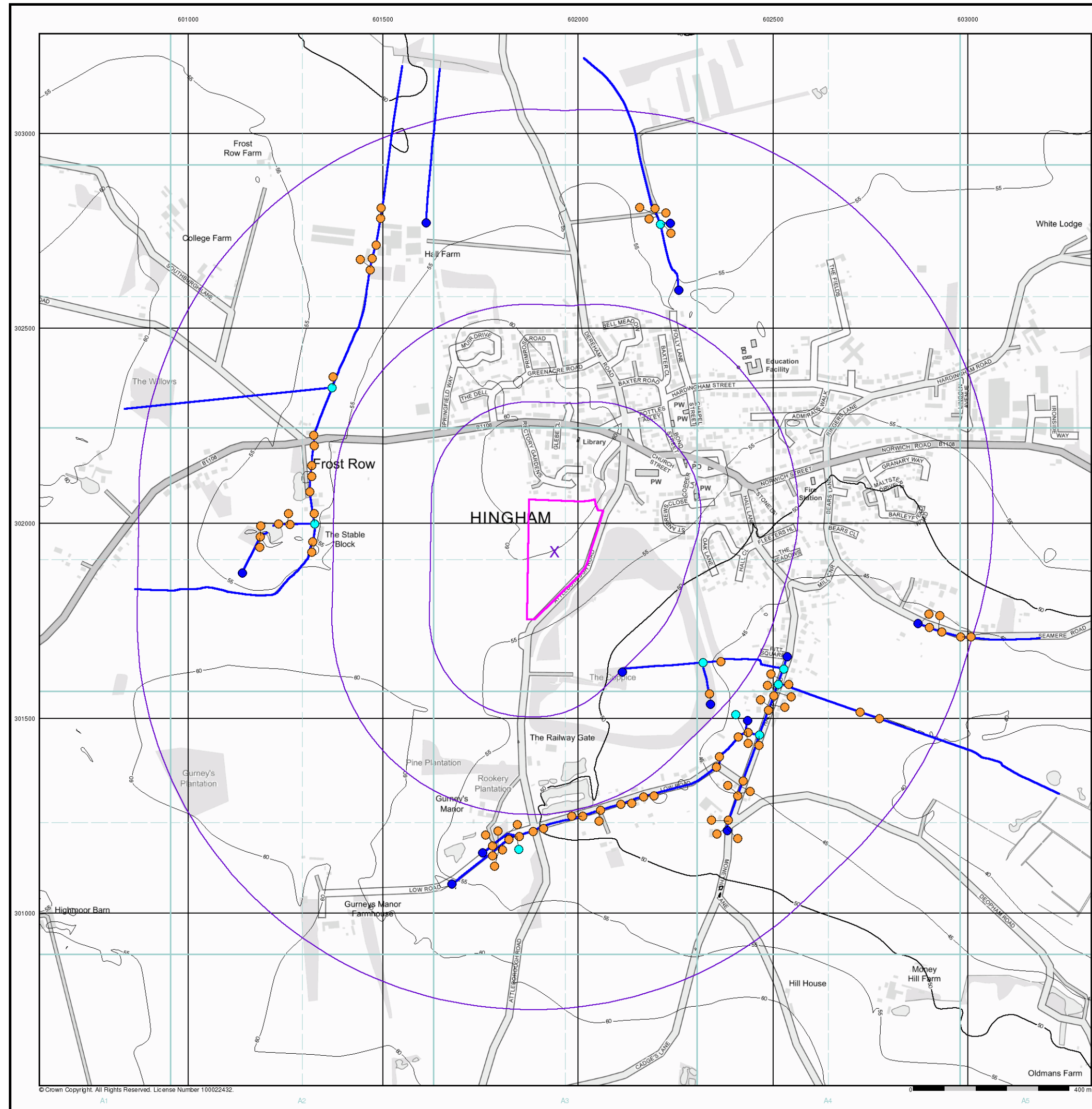
Site Details

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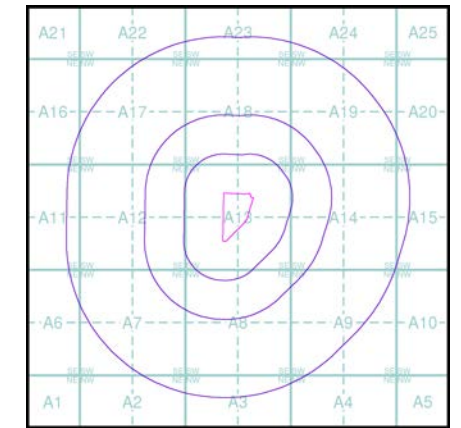
OS Water Network Lines Map (1:10,000)

- 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 105 100 95
- Master Contour 105 100 95
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 350692419_1_1

Customer Ref: C240100591

National Grid Reference: 601940, 301930

Slice: A

Site Area (Ha): 4.07

Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

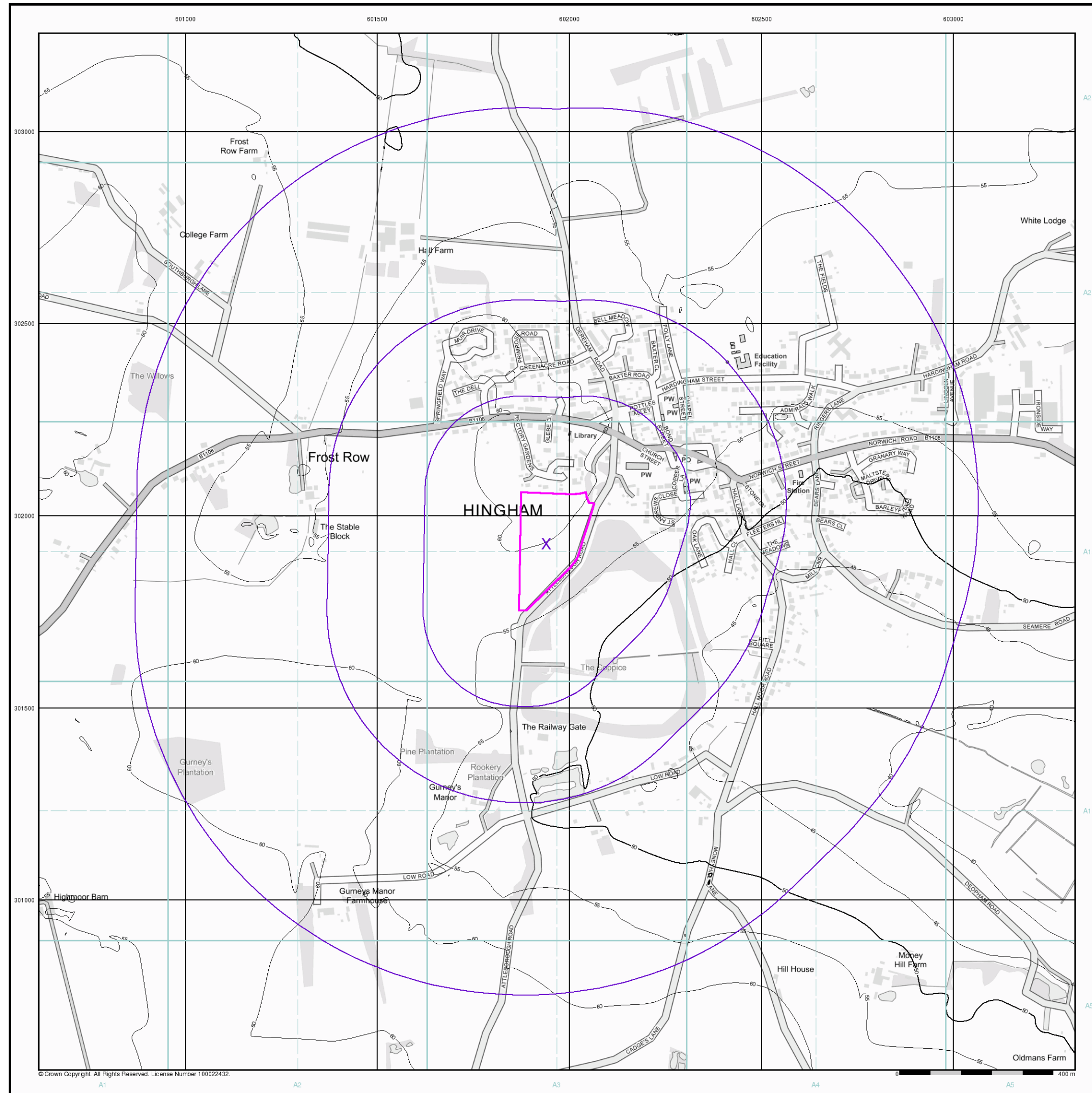
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EANRW Historic Flood Map (1:10,000)

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 — MLW — Mean Low Water

Master Contour — 100 — MHW — Mean High Water

Spot Height *167.8

EANRW Historic Flood Map - Slice A

Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

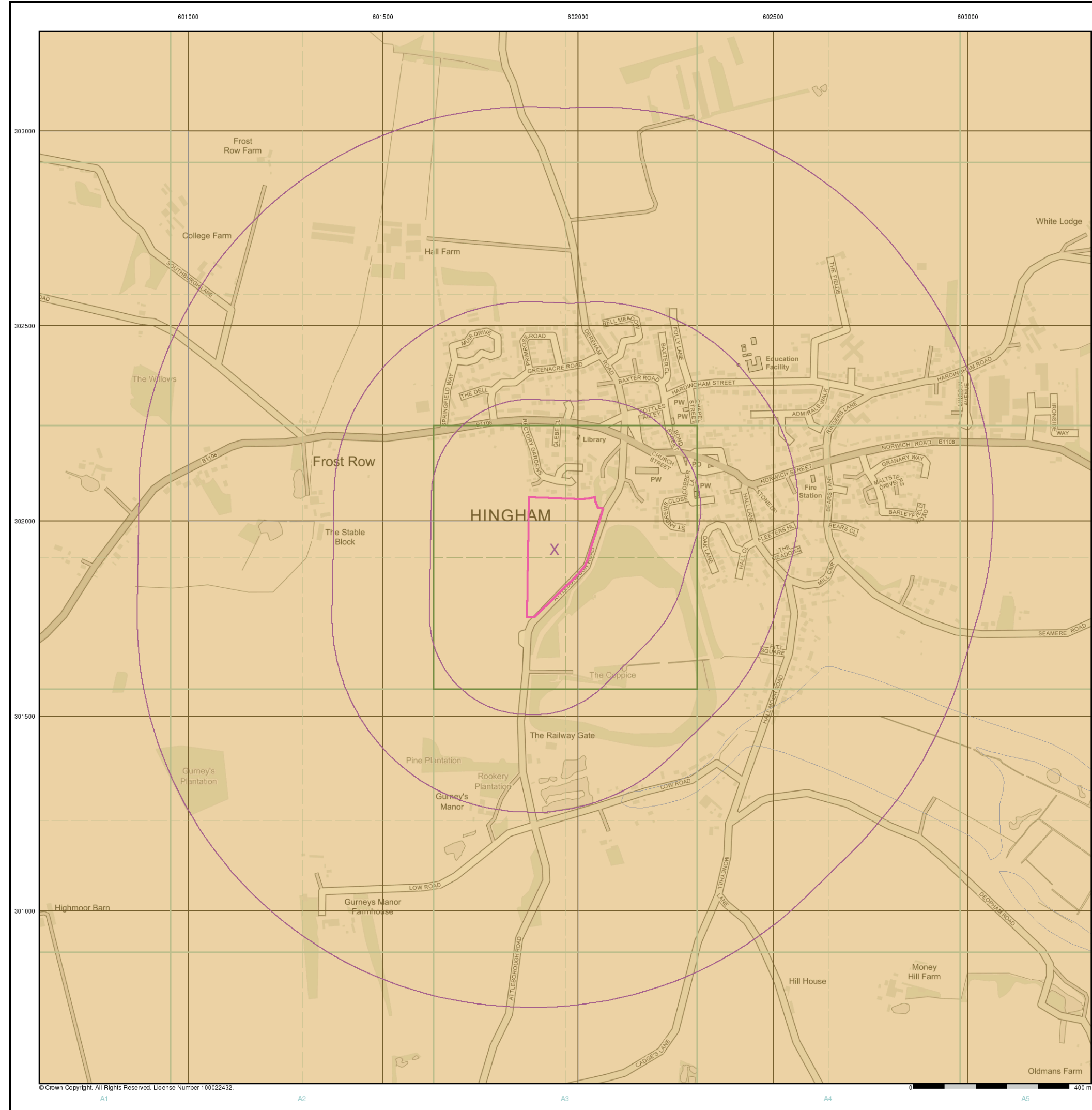
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

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Web: www.envirocheck.co.uk

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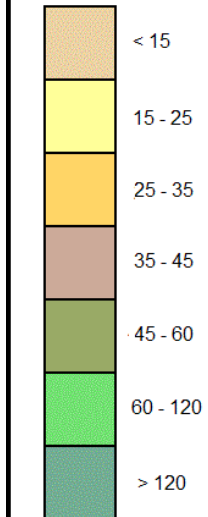
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General

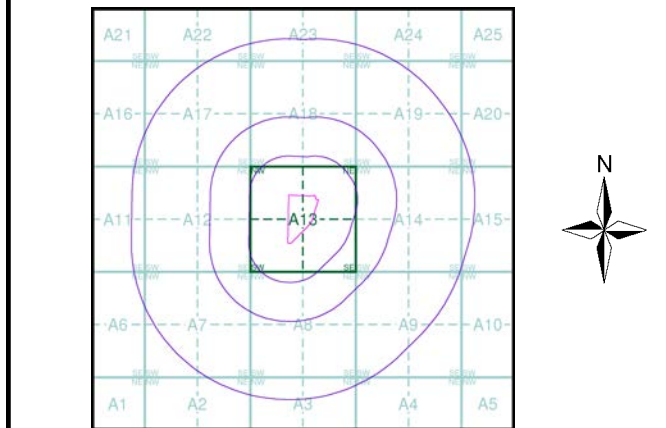
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

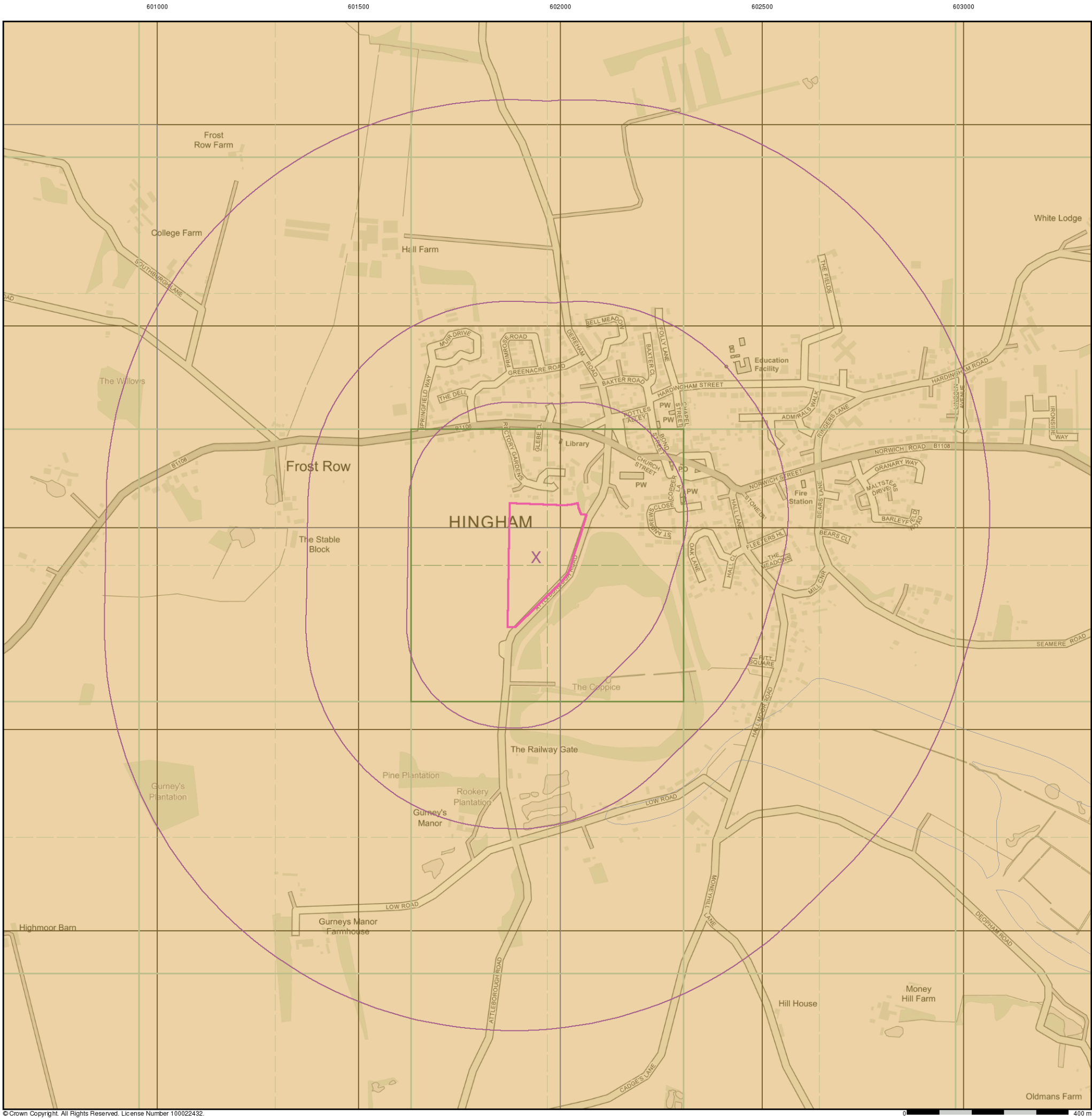


Order Details

Order Details: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

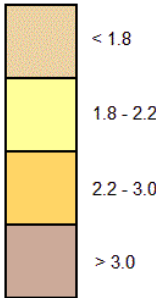


General

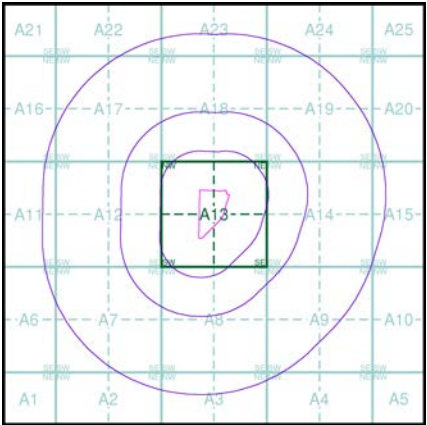
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

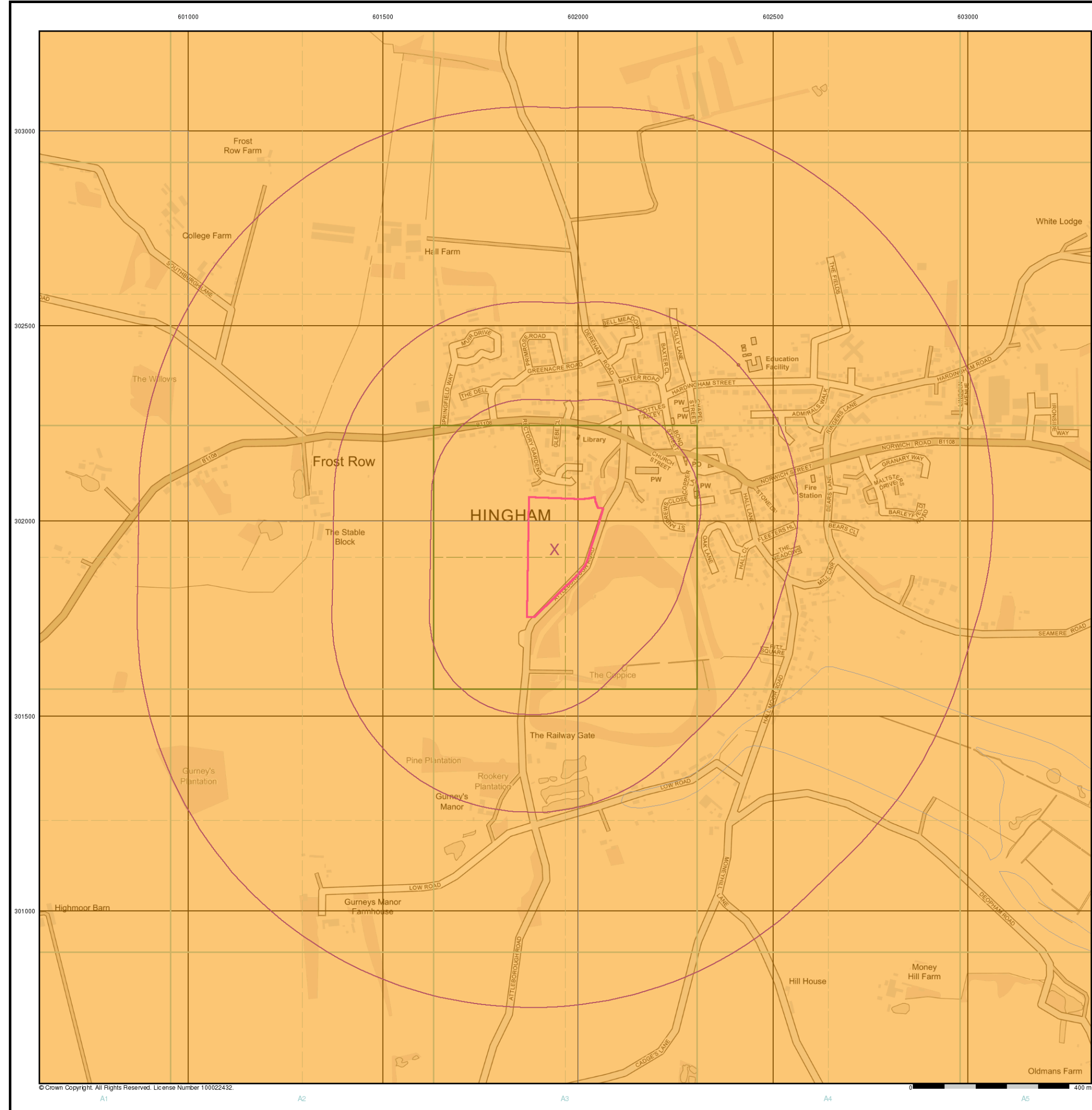


Order Details

Order Details: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



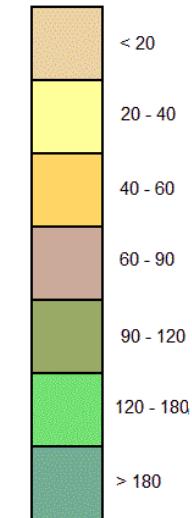
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General

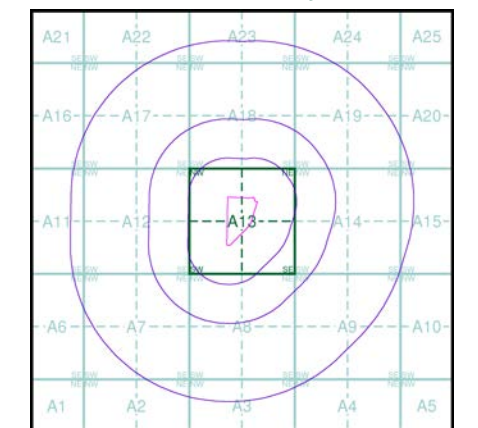
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

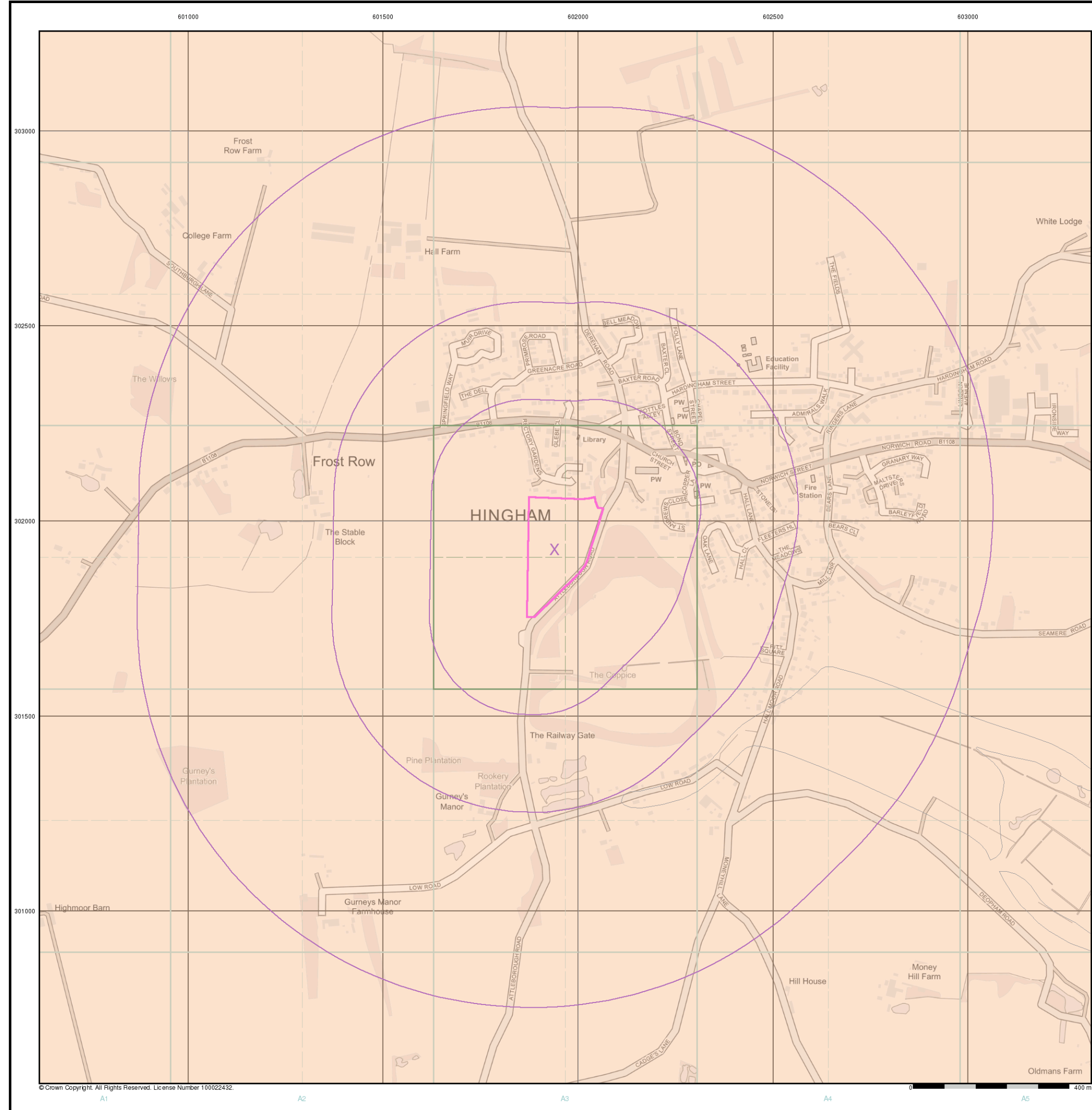


Order Details

Order Details: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

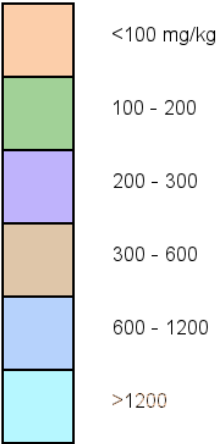


General

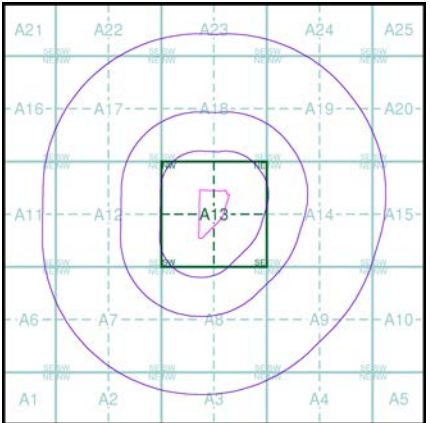
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

350692419_1_1

C240100591

601940, 301930

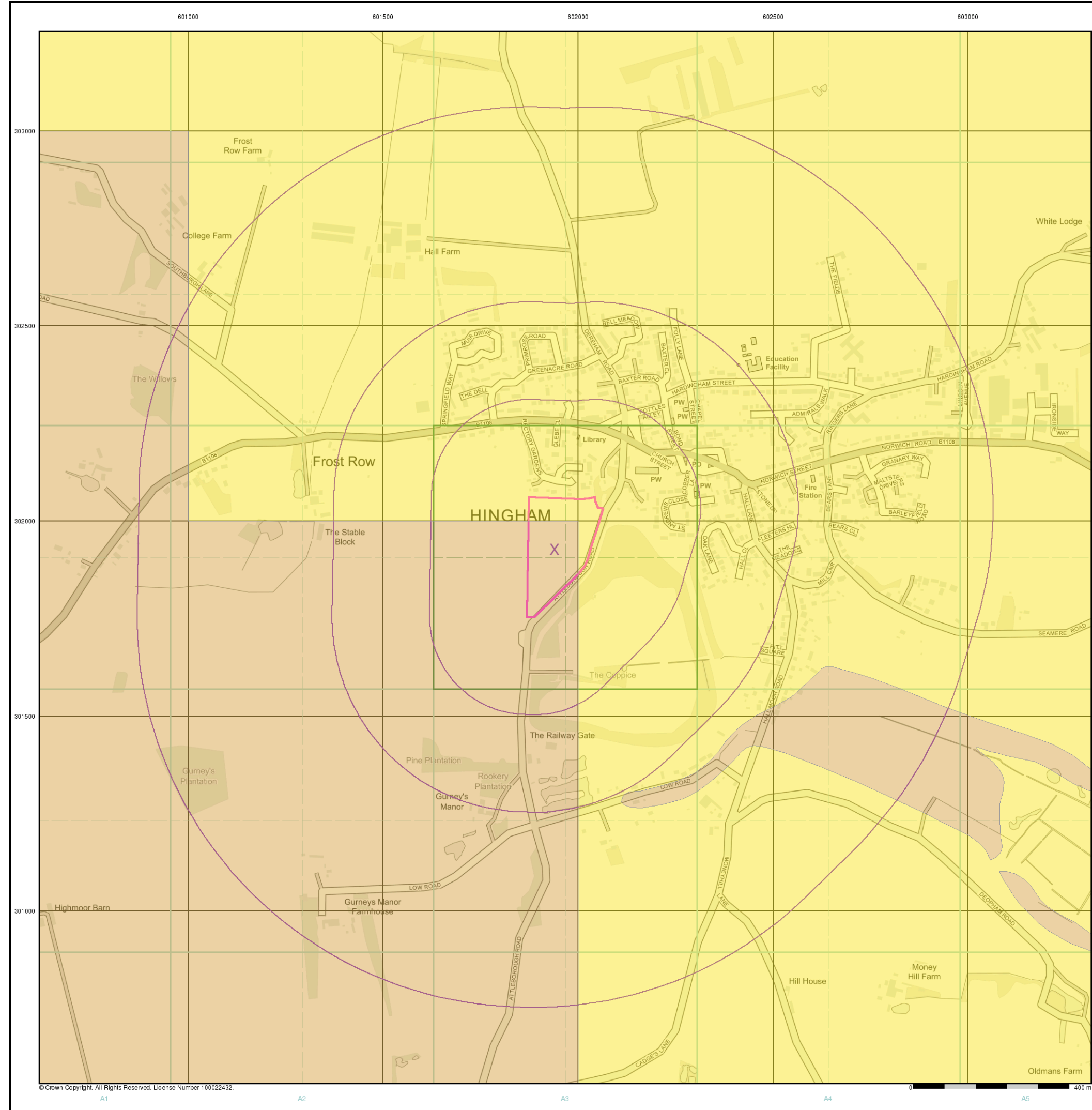
A

4.07

1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

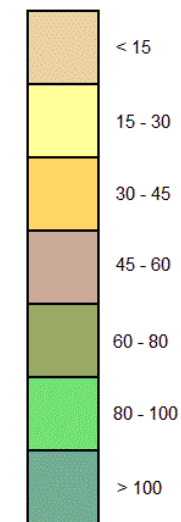


General

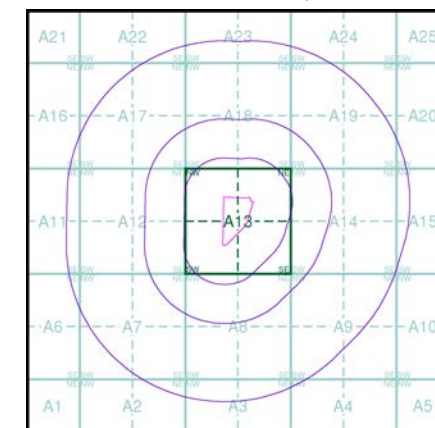
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

350692419_1_1

C240100591

601940, 301930

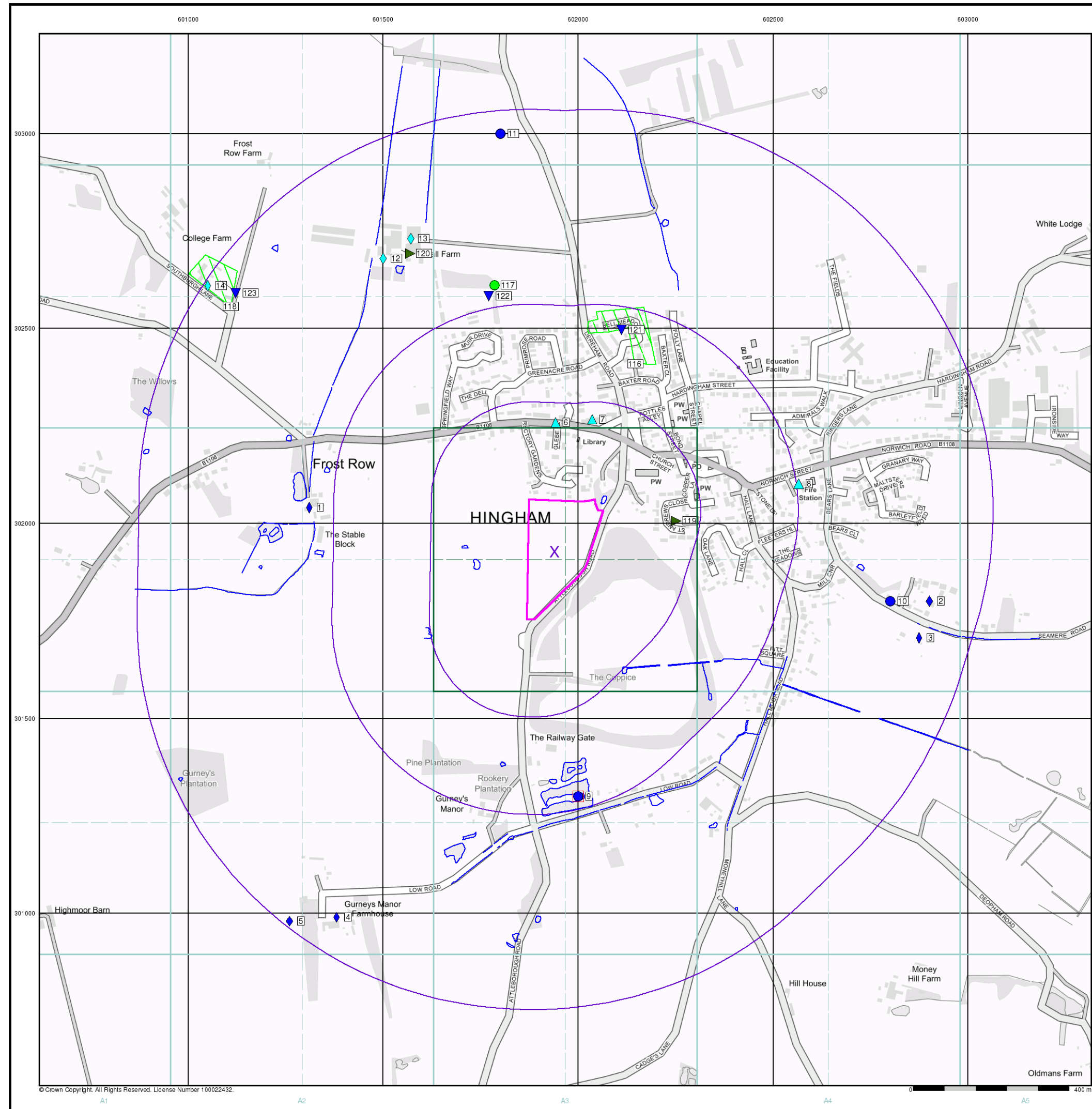
A

4.07

1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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- ### General

 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- ### Agency and Hydrological

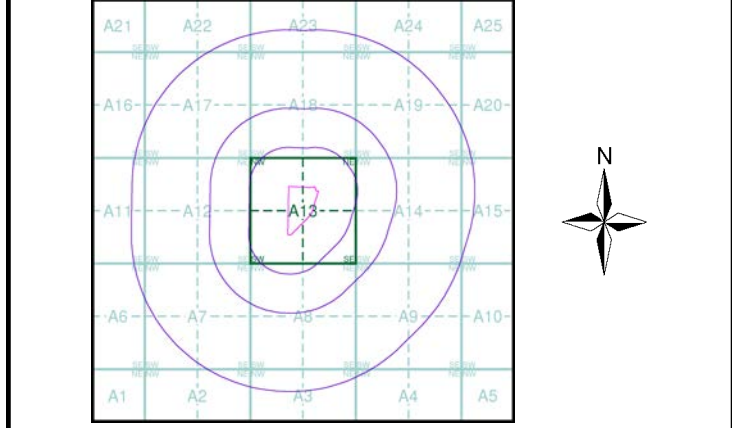
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- ### Waste

 - BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- ### Hazardous Substances

 - COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- ### Geological

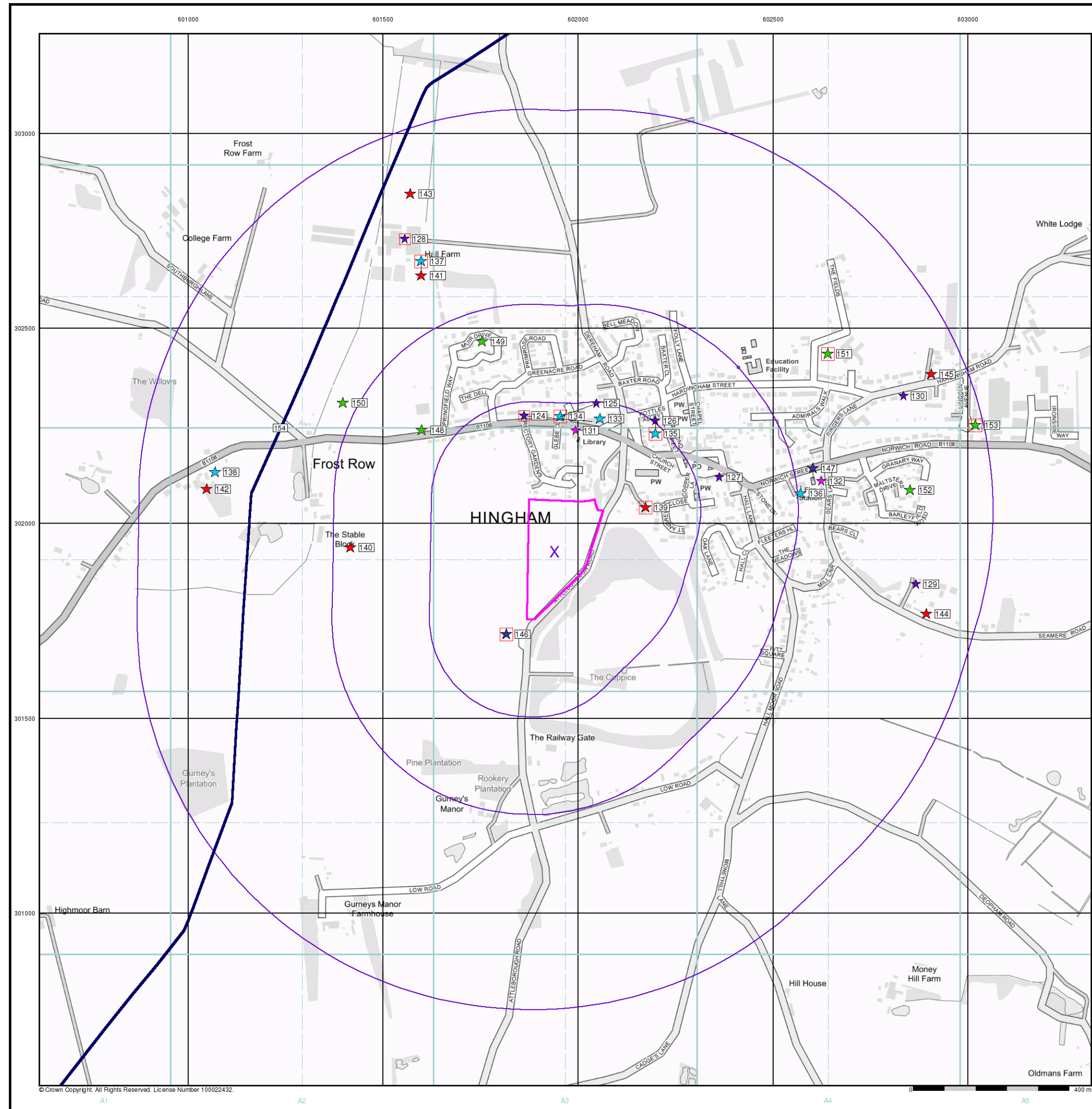
 - BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details
Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details
Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



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Industrial Land Use Map

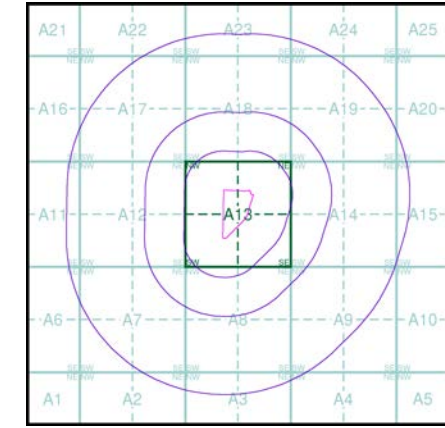
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A

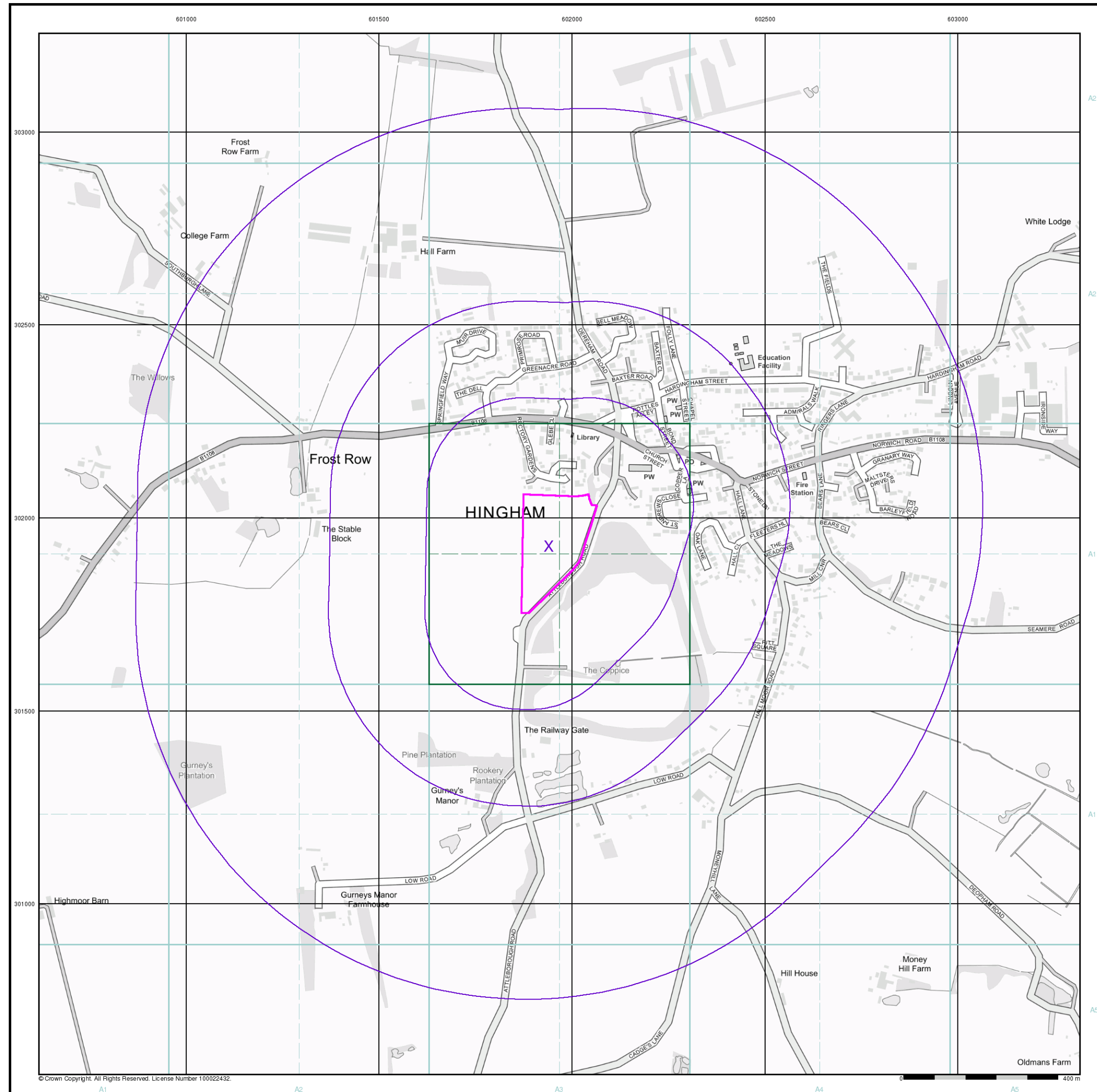


Order Details



Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details






Ladies Meadow, Off Attleborough Road, Hingham, NORWICH



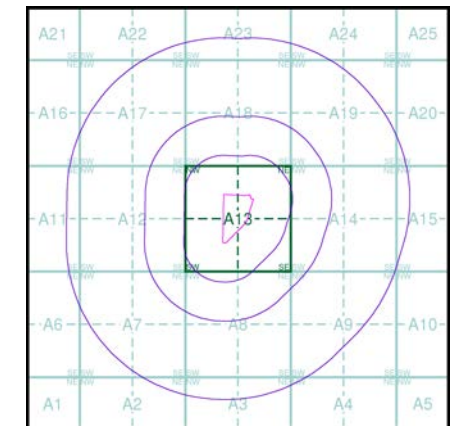
General

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

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
 Flooding from Rivers or Sea without Defences (Zone 3)
 Area Benefiting from Flood Defence
 Flood Water Storage Areas
 Flood Defence

Flood Map - Slice A

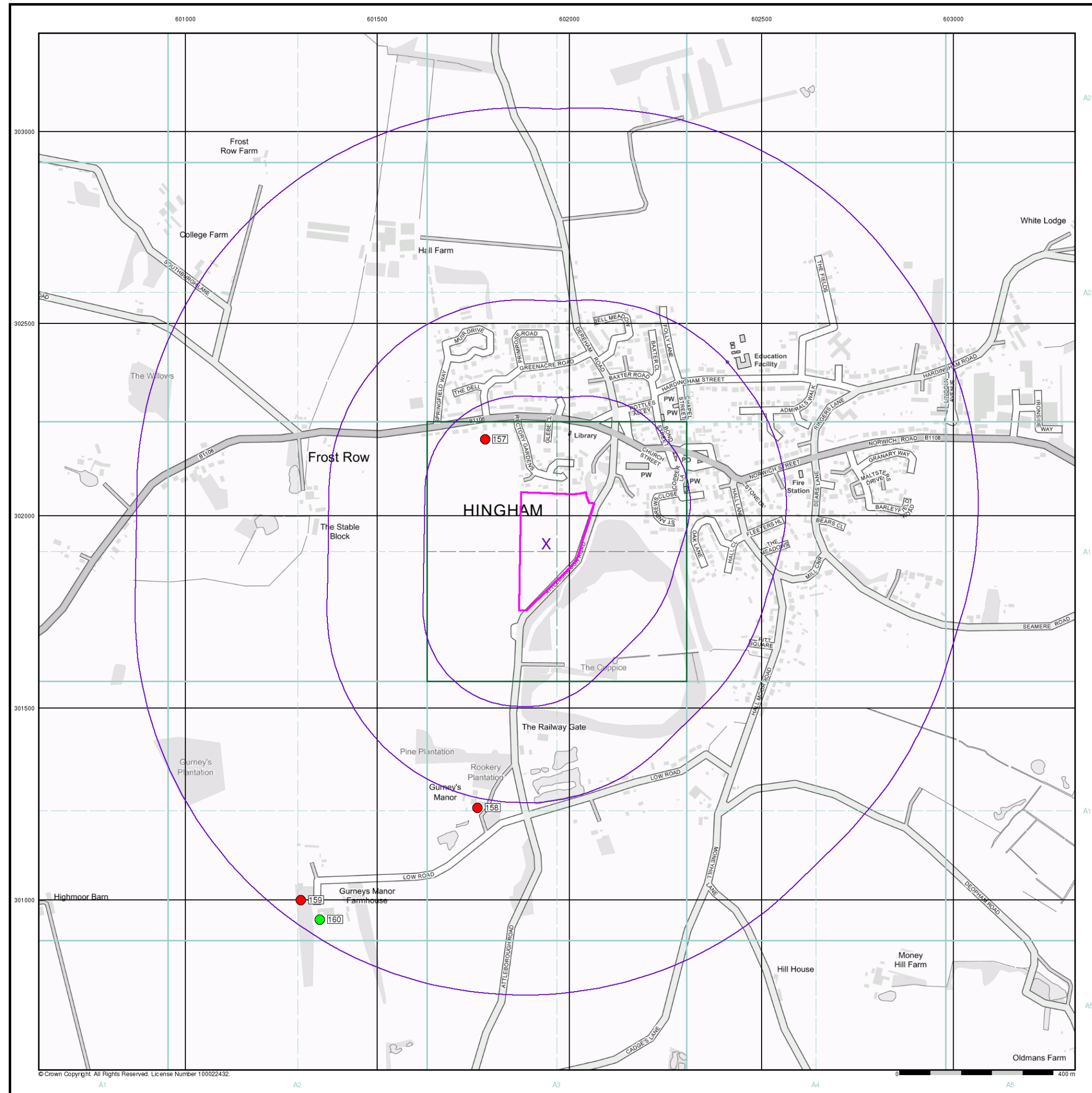


Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

Order Details

Order Number:	350692419_1_1
Customer Ref:	C240100591
National Grid Reference:	601940, 301930
Slice:	A
Site Area (Ha):	4.07
Search Buffer (m):	1000

Site Details

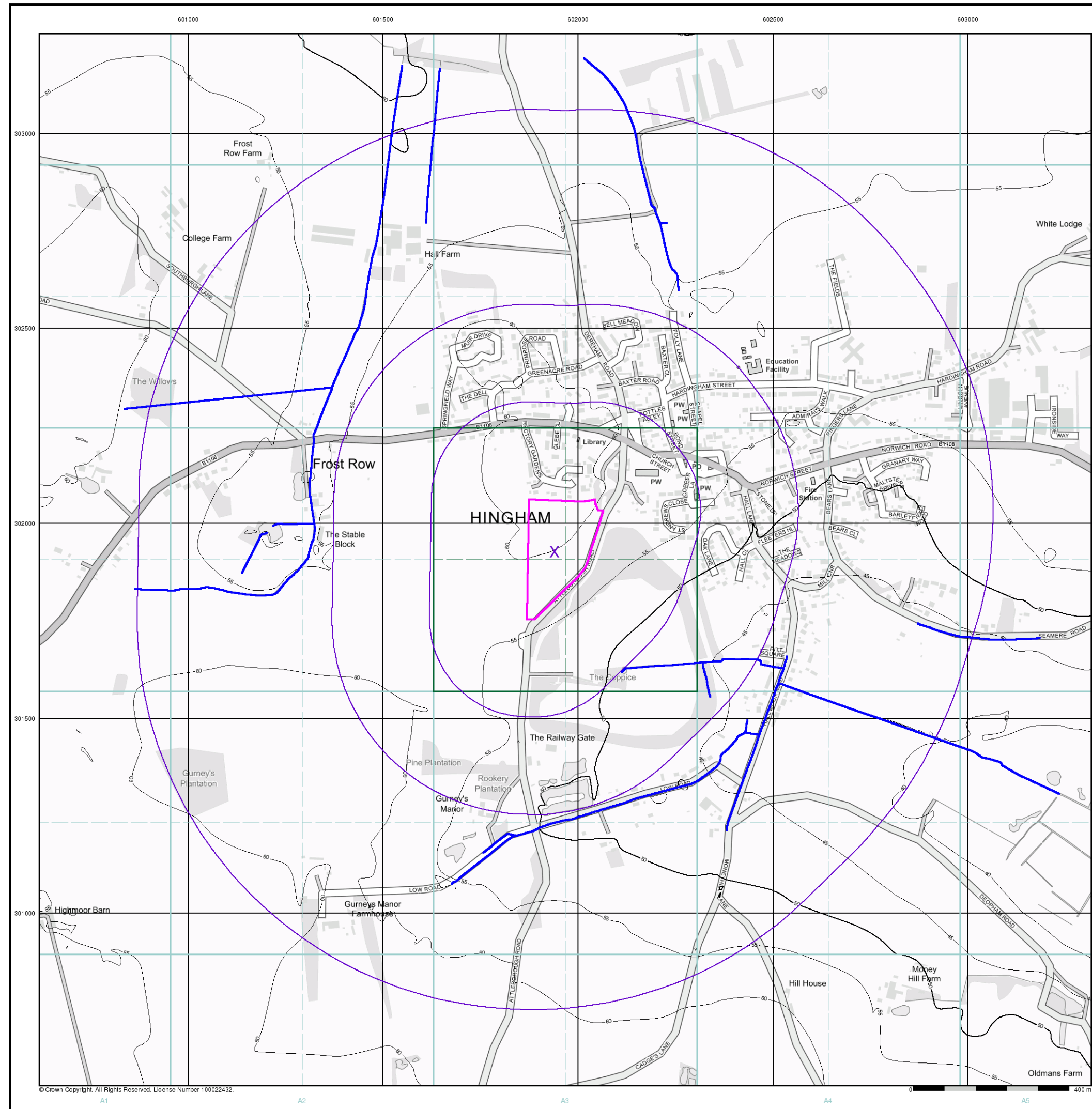
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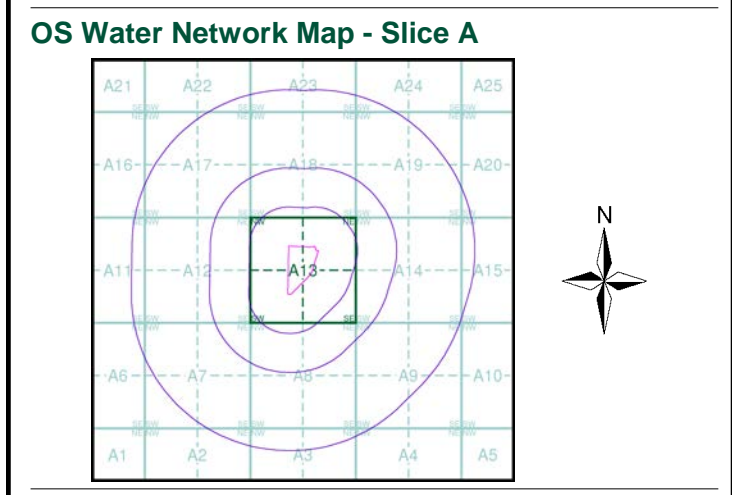
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water



Order Details

Order Number: 350692419_1_1

Customer Ref: C240100591

National Grid Reference: 601940, 301930

Slice: A

Site Area (Ha): 4.07

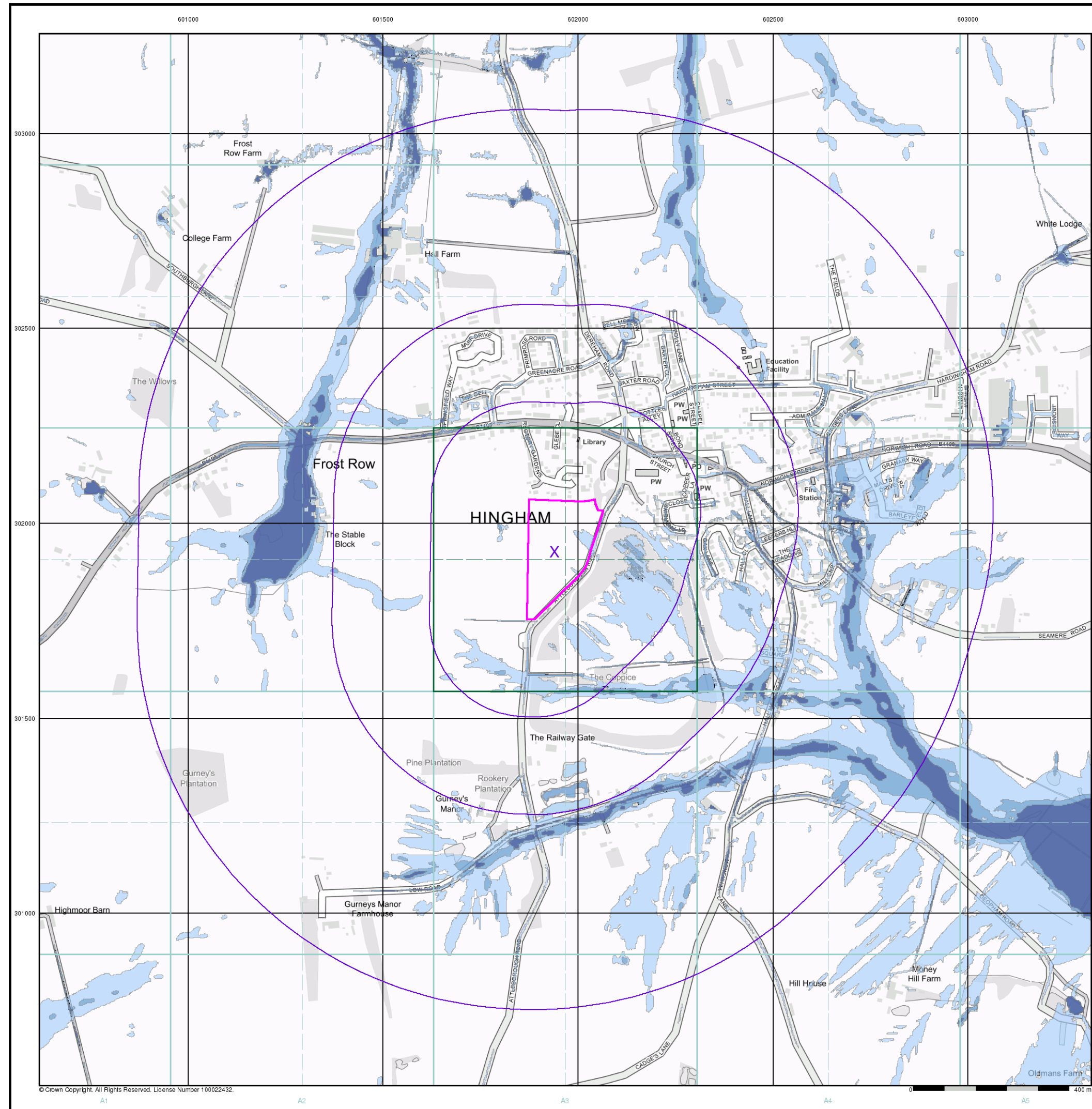
Search Buffer (m): 1000

Site Details

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General

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

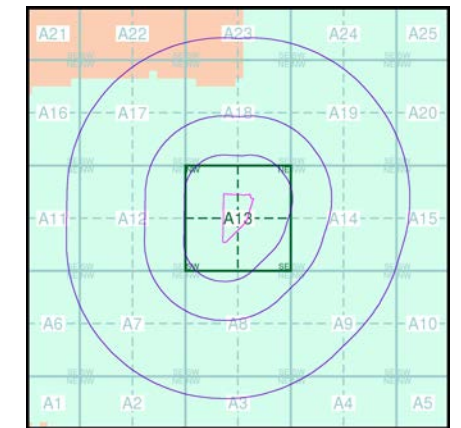
Risk of Flooding from Surface Water

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

EANRW Suitability Map - Slice A



Order Details

Order Number: 350692419_1_1
Customer Ref: C240100591
National Grid Reference: 601940, 301930
Slice: A
Site Area (Ha): 4.07
Search Buffer (m): 1000

Site Details

Ladies Meadow, Off Attleborough Road, Hingham, NORWICH

Appendix E – NHER ENQUIRY MAPS

NHER Enquiry 24_07_02:

HER Monument and Finds Spot records within 500m of TG 01949 01962 (Attleborough Road, Hingham)

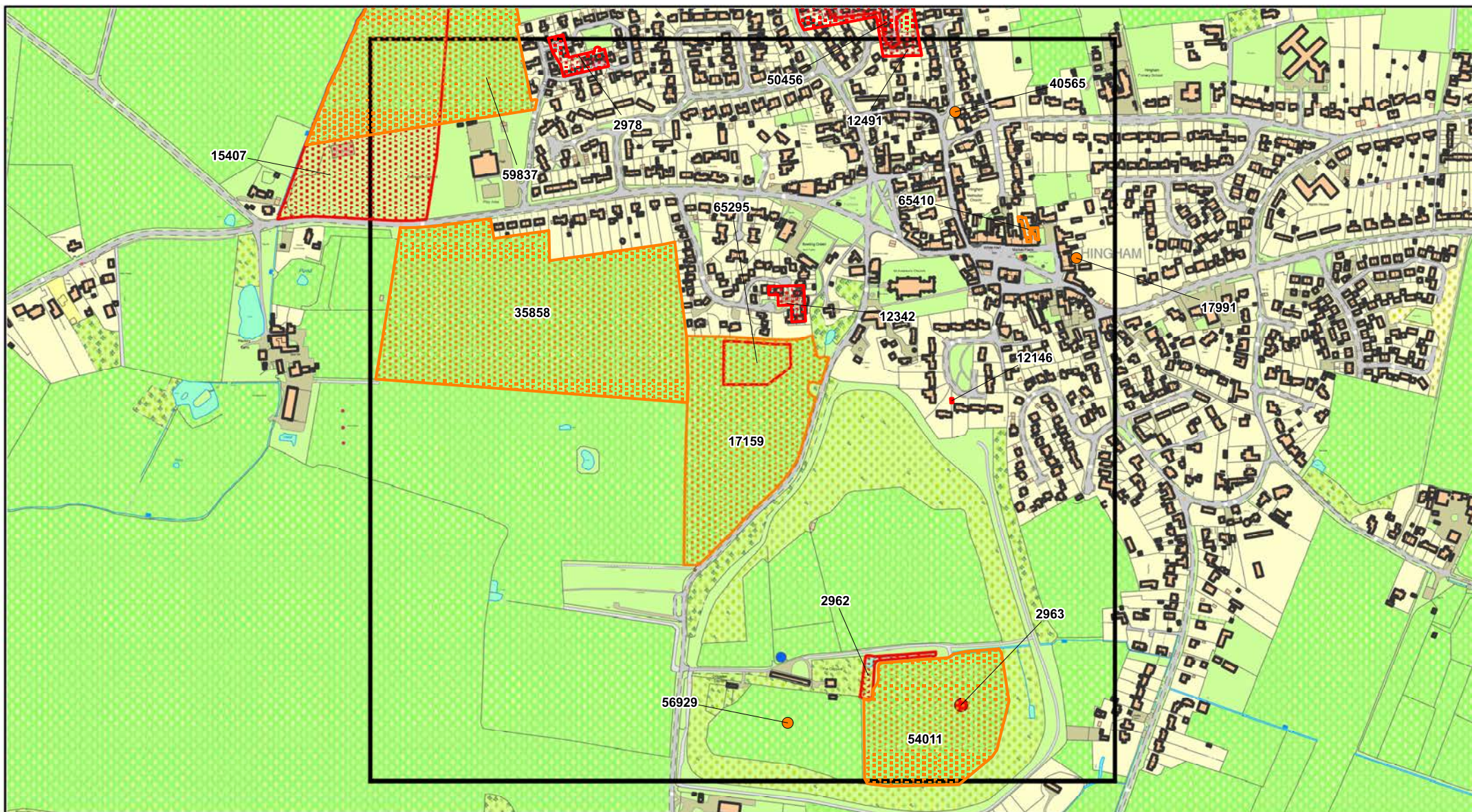
Compiled by P. Watkins on 09/07/2024



Norfolk County Council

Community and Environmental Services
Historic Environment Service

1:7,000



NHER Enquiry 24_07_02:

HER Building and Structure records within 500m of TG 01949 01962 (Attleborough Road, Hingham)

Compiled by P. Watkins on 09/07/2024



Norfolk County Council

Community and Environmental Services
Historic Environment Service

1:7,000



HER Building and Structure records within 500m of TG 01949 01962 (Attleborough Road, Hingham)



Community and Environmental Services
Historic Environment Service

[illegible]

NHER Enquiry 24_07_02:

Mapped Event records within 500m of TG 01949 01962 (Attleborough Road, Hingham)

Compiled by P. Watkins on 09/07/2024



Norfolk County Council

Community and Environmental Services
Historic Environment Service

1:7,000



NORWICH
Pinnacle house
Maple Way
Broadland Gate
Norwich
NR13 5HB

WELWYN GARDEN CITY
Alchemy
Bessemer Road
Welwyn Garden City
AL7 1HE

LONDON
The Piano Works
1st Floor 113-117
Farringdon Road
London EC1R 3BX

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Grosvenor Court
67 Patrick Street
Dun Laoghaire County
Dublin

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01707 527 630

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