



9 Woodland Rise London N10 3UP

Desk Study &
Basement Impact Assessment
Report

Nathan Lacaze

March 2023

J21267
Rev 1



Report prepared by



Lee Boswell BSc MSc FGS
Geotechnical Engineer

With input from



Martin Cooper BEng CEng MICE FGS
Technical Director



John Evans MSc FGS CGeol
Consultant Hydrogeologist



Rupert Evans MSc CEnv CWEM MCIWEM AIEMA
Consultant Hydrologist

**Report checked and
approved for issue by**



Steve Branch BSc MSc CGeol FGS FRGS
Managing Director

Rev No	Status	Revision Details	Date	Approved for Issue
0	Final		5 October 2021	
1	Final	Altered Proposed Development	03 March 2023	

This report has been issued by the GEA office indicated below. Any enquiries regarding the report should be directed to the project engineer at the office indicated below or to Steve Branch in our main Herts office.

✓	Hertfordshire	tel 01727 824666
	Nottinghamshire	tel 01509 674888
	Manchester	tel 0161 209 3032

Geotechnical & Environmental Associates Limited (GEA) disclaims any responsibility to the Client and others in respect of any matters outside the scope of this work. This report has been prepared with reasonable skill, care and diligence within the terms of the contract with the Client and taking account of the manpower, resources, investigation and testing devoted to it in agreement with the Client. This report is confidential to the Client and GEA accepts no responsibility of whatsoever nature to third parties to whom this report or any part thereof is made known, unless formally agreed beforehand. Any such party relies upon the report at their own risk. This report may provide advice based on an interpretation of legislation, guidance notes and codes of practice. GEA does not however provide legal advice and if specific legal advice is required a lawyer should be consulted.

© Geotechnical & Environmental Associates Limited 2023

CONTENTS

EXECUTIVE SUMMARY

1.0	INTRODUCTION	1
1.1	Proposed Development	1
1.2	Purpose of Work	1
1.3	Scope of Work	2
1.4	Limitations	3
2.0	THE SITE	3
2.1	Site Description	3
2.2	Site History	4
2.3	Other Information	4
2.4	Geology	5
2.5	Hydrology and Hydrogeology	5
3.0	SCREENING	6
3.1	Screening Assessment	6
4.0	SCOPING ASSESSMENT	9
4.1	Potential Impacts	9
5.0	BASEMENT IMPACT ASSESSMENT	9
6.0	CONTAMINATION RISK ASSESSMENT	10
6.1	Environmental Risks	10
7.0	CONCLUSIONS	12

APPENDIX

EXECUTIVE SUMMARY

This executive summary contains an overview of the key findings and conclusions. No reliance should be placed on any part of the executive summary until the whole of the report has been read. Other sections of the report may contain information that puts into context the findings that are summarised in the executive summary.

BRIEF

This report describes the findings of a site investigation carried out by Geotechnical and Environmental Associates Limited (GEA) on the instructions of XUL Architecture, on behalf of Mr Nathan Lacaze, with respect to the demolition of the existing house and subsequent construction of a new two-storey house with a single level basement. The purpose of the work has been to determine the history of the site, to establish the geological, hydrogeological and hydrological setting and to carry out a Basement Impact Assessment (BIA) of any possible effects the proposed development may have on the local hydrogeology and hydrology and the stability of the natural and built environment. The BIA has been carried out in accordance with London Borough of Haringey's Draft Basement Development Guidance Note, dated 2012, although as this document has since been withdrawn, reference has also been made to the London Borough of Camden's BIA guidance.

SUMMARY OF DESK STUDY FINDINGS

The earliest map studied, dated 1864, shows the northern extent of the site to form part of the gardens of Southwood Villa, located approximately 70 m to the west of the site, with the remainder of the site to have been part of an area of open fields. A pond is shown approximately 50 m to the north of the site, to the east of Upton Farm, which was located 60 m to the northwest of the site. Muswell Hill Road is also shown on the map, in its existing position, approximately 90 m to the west of the site. The next map studied, dated 1896, shows Upton Farm to have been demolished and the pond infilled, with a terrace of houses shown in their place. The Alexandra Park Branch of the Great Northern Railway had been constructed within a cutting approximately 100 m to the north of the site. Onslow Gardens and the buildings fronting onto it are also shown on the map in their existing positions, approximately 120 m to the south of the site. The remainder of the existing road network and many of the existing buildings were constructed between 1896 and 1913, including the existing building on the site itself. The railway is shown as disused from the time of the map dated 1966 and the site and surrounding area have since remained essentially unchanged.

The site is underlain by London Clay, which is classified as Unproductive Strata by the Environment Agency and therefore it is not capable of supporting a coherent or continuous groundwater table or able to support private water supplies or baseflow to watercourses, although pockets of perched groundwater could be present, associated with silt and sand partings, claystones and fissures. The site is not in an area of flooding from rivers, sea, groundwater or artificial sources and has a very low to no risk of surface water flooding.

SUMMARY OF BIA SCREENING STAGE

The BIA has identified the following questions carried forward to the scoping stage, which have each been assessed on the basis of the acquired desk study information.

- The site is underlain by the London Clay Formation from the surface.
- The site is within 5 m of the footpath of Woodland Rise.
- The development will result in differential founding depths with respect to adjacent foundations.

BIA CONCLUSIONS

From the desk study research and the information acquired, a continuous groundwater table will not exist below the site and so the proposed basement will not have an impact on the hydrogeological setting. The development will not increase the proportion of hard-surfaced areas across the site and so there will not be an increase in surface run-off. Surface waters will largely be directed to the current drainage routes, which are likely to be combined sewers in the road. There is nothing unusual about the proposed single level basement scheme outside of standard engineering practice and design and therefore ground movements would be expected to remain within normal acceptable limits, which from previous experience, would not lead to unacceptable damage to neighbouring properties. On the basis of all of the above, it is not considered that the proposed basement will have an impact on either the hydrogeological and hydrological setting or the stability of the surrounding natural and built environment.

CONTAMINATION RISK ASSESSMENT

On the basis of the findings of the research carried out, there is considered to be a VERY LOW risk of there being any contamination linkage at this site.

Part 1: INVESTIGATION REPORT

This section of the report details the objectives of the investigation, the work that has been carried out to meet these objectives and the results of the investigation. Interpretation of the findings is presented in Part 2.

1.0 INTRODUCTION

Geotechnical and Environmental Associates Limited (GEA) has been commissioned by Nathan Lacaze, to carry out a desk study and Basement Impact Assessment at 9 Woodland Rise, London N10 3UP in support of a planning application; the site is located within the London Borough of Haringey.

London Borough of Haringey (“the Council”) issued a draft Basement Development Guidance Note in 2012, which set out a framework for assessing the impacts of proposed basements in accordance with the Development Management Policy (DMP) 8 – ‘Basements and Lightwells’; this guidance has subsequently been withdrawn. However, the council still requires the planning application for this project to be accompanied by a basement impact assessment (BIA) in order to assess any potential impact on the structural stability of the application building and neighbouring buildings or infrastructure, in view of the geological setting. The assessment also needs to determine, if any, the likely increase in risk of localised flooding. In the absence of current guidance, the Camden BIA policy guidance for basements has largely been adopted as it is widely known and is considered to provide a robust approach to the issues of potential concern.

1.1 Proposed Development

It is understood that it is proposed to demolish the existing two-storey house and subsequently construct a new two-storey house with single-level basement, to a depth of roughly 3.00 m.

This report is specific to the proposed development and the advice herein should be reviewed once the development proposals are finalised.

1.2 Purpose of Work

The principal technical objectives of the work carried out were as follows:

-  to determine the history of the site and surrounding area;
-  to research the geology and hydrogeology of the site;
-  to check records of data on groundwater, surface water and other publicly available environmental data;
-  to use the information obtained in the above searches to carry out a qualitative risk assessment with respect to subsurface contamination; and
-  to assess the possible impact of the proposed development on the local hydrogeology, hydrology and stability of surrounding structures in support of a basement planning application.

1.3 Scope of Work

In order to meet the above objectives, a desk study has been carried out comprising, in summary, the following activities:

-  a review of readily available geological maps;
-  a review of publicly available environmental data sourced from the Landmark Envirocheck database;
-  a review of historical Ordnance Survey (OS) maps supplied by Landmark;
-  a review of the GEA archive of previous ground investigations and a review of historical borehole records published by the British Geological Society (BGS); and
-  provision of a report presenting and interpreting the above data, together with our advice and recommendations with respect to the proposed development.

The report includes a contaminated land assessment which has been undertaken in accordance with the methodology presented in Contaminated Land Report (CLR) 11¹ and involves identifying, making decisions on, and taking appropriate action to deal with, land contamination in a way that is consistent with government policies and legislation within the United Kingdom. The risk assessment is thus divided into three stages comprising Preliminary Risk Assessment, Generic Quantitative Risk Assessment, and Site-Specific Risk Assessment. This report includes the Preliminary Risk Assessment stage of the assessment.

1.3.1 Basement Impact Assessment

The work carried out includes a Hydrological and Hydrogeological Assessment and Land Stability Assessment (also referred to as Slope Stability Assessment), all of which form part of the BIA procedure specified in the London Borough of Camden (LBC) Planning Guidance CPG² and their Guidance for Subterranean Development³ prepared by Arup (the “Arup report”). The aim of the work is to provide information on surface water, groundwater and land stability and in particular to assess whether the development will affect neighbouring properties or groundwater movements and whether any identified impacts can be appropriately mitigated by the design of the development.

1.3.2 Qualifications

The land stability element of the Basement Impact Assessment (BIA) has been carried out by Martin Cooper, a BEng in Civil Engineering, a chartered engineer (CEng), member of the Institution of Civil Engineers (MICE), and Fellow of the Geological Society of London (FGS) who has over 25 years’ specialist experience in ground engineering. The subterranean (groundwater) flow assessment has been carried out by John Evans, MSc in Hydrogeology, Chartered Geologist (CGeol) and Fellow of the Geological Society of London (FGS). The surface water and flooding assessment has been carried out by Rupert Evans, a hydrologist with more than ten years consultancy experience in flood risk assessment, surface water drainage schemes and hydrology / hydraulic modelling. Rupert Evans is a Chartered Environmentalist, Chartered Water and Environmental Manager and a Member of CIWEM.

1 *Model Procedures for the Management of Land Contamination* issued jointly by the Environment Agency and the Department for Environment, Food and Rural Affairs (DEFRA) Sept 2004
2 London Borough of Camden Planning Guidance CPG (January 2021) *Basements*
3 Ove Arup & Partners (2010) *Camden geological, hydrogeological and hydrological study. Guidance for Subterranean Development.* For London Borough of Camden November 2010

The assessments have been made in conjunction with Steve Branch, a BSc in Engineering Geology and Geotechnics, MSc in Geotechnical Engineering, a chartered geologist (CGeol) and Fellow of the Geological Society (FGS) with over 30 years' experience in geotechnical engineering and engineering geology.

All assessors meet the qualification requirements of the Council guidance.

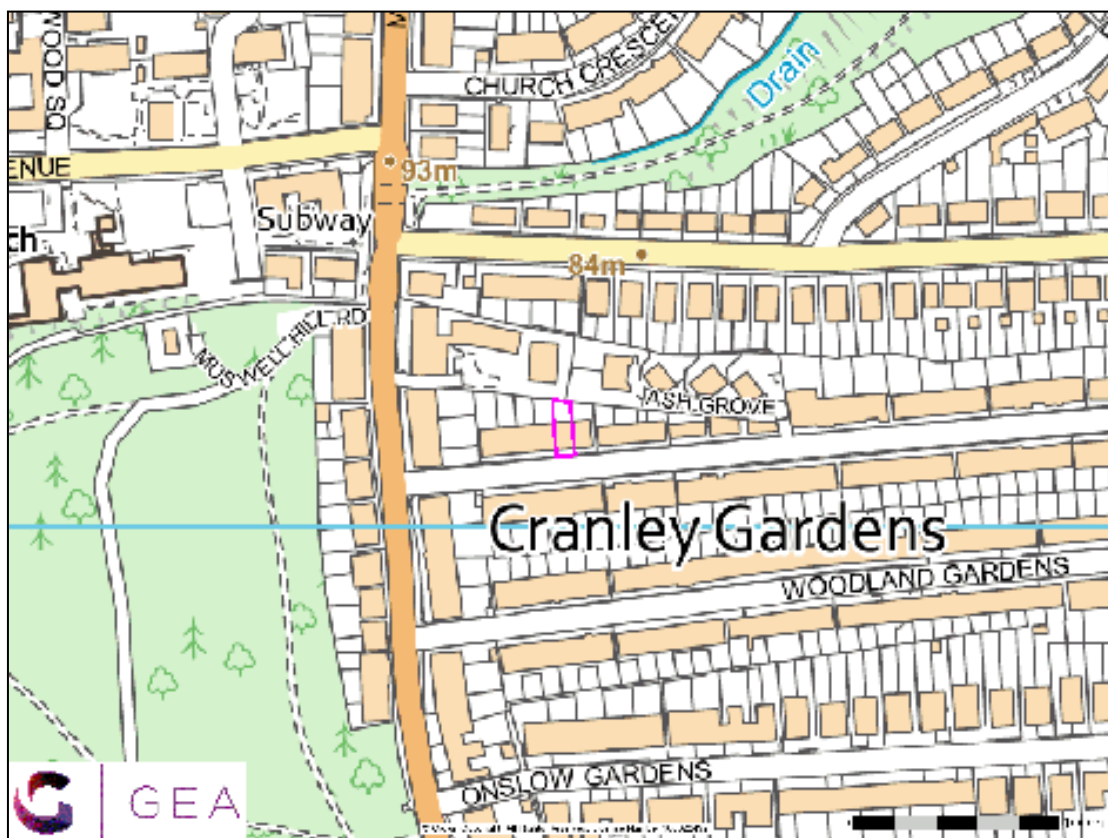
1.4 Limitations

The conclusions and recommendations made in this report are limited to those that can be made on the basis of the investigation. The results of the work should be viewed in the context of the range of data sources consulted, the number of locations where the ground was sampled and the number of soil, gas or ground water samples tested. No liability can be accepted for information in other data sources or conditions not revealed by the sampling or testing. Any comments made on the basis of information obtained from the client or third parties are given in good faith on the assumption that the information is accurate; no independent validation of such information has been made by GEA.

2.0 THE SITE

2.1 Site Description

The site is located in the London Borough of Haringey, approximately 870 m to the north of Highgate London Underground station and 1.3 km east of East Finchley London Underground station. The site may be located by National Grid Reference 528556, 189043 and is shown on the map extract below.



GEA has not visited the site and the site description is based on information provided by the client and available online.

The site fronts onto Woodland Rise to the south and is bounded by Nos 7 and 11 Woodland Rise to the west and east respectively and by properties fronting onto Cranley Dene Court to the north.

The site is roughly rectangular in shape and measures approximately 30 m north-south by 9 m east-west. It is occupied by a two-storey terraced house, with a single level partial basement beneath the southeastern corner of the building, located towards the south of the site. The north of the site and localised areas in the south of the site are soft landscaped, with areas of hardstanding surrounding the house. Mature trees and shrubs are present along the northern boundary. The site appears to match the local topography, in that it slopes down towards the northeast

2.2 Site History

The site history has been researched by reference to internet sources and historical Ordnance Survey (OS) maps obtained from the Envirocheck database.

The earliest map studied, dated 1864, shows the northern extent of the site to form part of the gardens of Southwood Villa, located approximately 70 m to the west of the site, with the remainder of the site to have been part of an area of open fields. A pond is shown approximately 50 m to the north of the site to the east of Upton Farm, which was located 60 m to the northwest of the site. Muswell Hill Road is also shown on the map, in its existing position, approximately 90 m to the west of the site. The next map studied, dated 1896 shows Upton Farm to have been demolished and the pond to have been infilled, with a terrace of houses shown in their place. The Alexandra Park Branch of the Great Northern Railway had been constructed within a cutting approximately 100 m to the north of the site. Onslow Gardens and the buildings fronting onto it are also shown on the map in their existing positions, approximately 120 m to the south of the site.

The remainder of the existing road network and many of the existing buildings were constructed between 1896 and 1913, including the existing building on the site itself.

The railway is shown as disused from the time of the map dated 1966 and the site and surrounding area have since remained essentially unchanged.

2.3 Other Information

A search of public registers and databases has been made via the Envirocheck database and relevant extracts from the search are appended. Full results of the search can be provided if required.

The Envirocheck report has indicated no existing or historical landfill sites, waste management, transfer, treatment or disposal sites located within 1 km of the site and no areas of infilled land within 250 m of the site. There have been no pollution incidents to controlled waters and no registered contaminated land sites within 1 km.

The site does not lie within any known areas of sensitive land use.

Reference to records compiled by the Health Protection Agency (formerly the National Radiological Protection Board) indicates that the site falls within an area where less than 1%

of homes are affected by radon emissions and therefore radon protective measures will not be necessary.

There is a single contemporary trade directory located within 100 m of the site, located 99 m to the west, relating to an inactive bath resurfacing company. There are no fuel station entries within 500 m of the site.

Information gathered from the Local Authority planning portal indicates that there are no records of basement planning applications which have been granted for properties in the area surrounding the site.

2.4 Geology

The British Geological Survey (BGS) map of the area (sheet 256) indicates that the site is underlain by the London Clay Formation. The London Clay Formation is a homogenous, slightly calcareous silty clay to very silty clay, with some beds of clayey silt grading to silty fine-grained sand. The Dollis Hill Gravel Member is located approximately 250 m to the north and forms a prominent hill from which two tributaries of the Moselle Brook rise and historically formed ponds in the London Clay.

GEA has previously carried out an investigation, approximately 200 m to the north. The investigations encountered the expected ground conditions in that beneath a moderate to significant thickness of made ground, the London Clay was encountered to the full depth of each investigation. The London Clay comprised firm becoming stiff fissured brown clay with occasional bluish grey veins to the full depth of the investigation, of 5.60 m.

2.5 Hydrology and Hydrogeology

The London Clay is designated as Unproductive Strata, which refers to a soil or rock with low permeability which has a negligible significance for local water supplies or river base flow, as defined by the Environment Agency (EA). Under the same system, the Dollis Hill Gravel Member is designated as a Secondary 'A' Aquifer, which refers to permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

The site does not lie within any EA designated Source Protection Zones (SPZs) and there are no licensed groundwater abstractions within 1 km of the site.

With reference to the Haringey Strategic Flood Risk Assessment (SFRA), a tributary of the Moselle Brook is shown to have previously flowed in a roughly southeasterly direction in the same alignment as Woodland Rise and Cranley Gardens, directly to the north of the site. Both tributaries rose from the Dollis Hill Gravel and are now shown to have been culverted.

The site is not within an area shown by the Environment Agency (EA) to be at risk from flooding from rivers, the sea, groundwater, artificial sources or surface water. Reference to Appendix 4, Map 3.1 in the Haringey Draft Basement Policy⁴ indicates that the site is located within Flood Zone 1, defined as having little or no risk of river, tidal or coastal flooding.

As the London Clay comprises predominantly clay soils, the formation cannot support groundwater flow and as such does not support a "water table" or continuous piezometric surface. Boreholes constructed within clays do fill with water due to the capture of shallow drainage; however, this is not reflective of the type of groundwater flow that would occur in a

4 Haringey Council Planning Regeneration & Economy, *Draft Basement Development Guidance Note*, June 2012

porous and permeable saturated stratum. Published data for the permeability of the London Clay indicates the horizontal permeability to range between 1×10^{-10} m/s and 1×10^{-8} m/s, with an even lower vertical permeability.

The aforementioned GEA investigation encountered perched water within the made ground only, within trial pits excavated next to foundations.

The southern part of the site is occupied by the existing building and paved areas with limited areas of planting, whilst the rear garden is predominantly laid to lawn with planted borders, mature trees and shrubs and areas of patio adjacent to the rear of the house. Infiltration of rainwater into the ground beneath the site is therefore limited to the rear garden, although this will be severely restricted by the properties of the London Clay.

3.0 SCREENING

The LBC guidance suggests that any development proposal that includes a basement should be screened to determine whether or not a full BIA is required.

3.1 Screening Assessment

A number of screening tools are included in the Arup document and for the purposes of this report reference has been made to Appendices E1, E2 and E3 which include a series of questions within screening flowcharts for surface flow and flooding, subterranean (groundwater) flow and land stability. The flowchart questions and responses to these questions are tabulated below. Questions that relate to the Camden area have been omitted.

3.1.1 Subterranean (groundwater) Screening Assessment

Question	Response for No 9 Woodland Rise
1a. Is the site located directly above an aquifer?	No. The London Clay Formation is designated as Unproductive Strata. See Aquifer designation map in the appendix.
1b. Will the proposed basement extend beneath the water table surface?	No. The London Clay does not support a continuous groundwater table due to its very low permeability (horizontal permeability of between 1×10^{-10} m/s and 1×10^{-8} m/s, with an even lower vertical permeability). Localised perched groundwater inflows maybe encountered from within the made ground, however these would not be persistent or of substantial volume.
2. Is the site within 100 m of a watercourse, well (used/disused) or potential spring line?	Yes. A tributary of the Moselle Brook is shown by the Haringey SFRA to flow in a roughly southeasterly direction along between Woodland Rise and Cranley Gardens directly to the north of the site, however, all previous watercourses in this area are shown by the Haringey SFRA to have been culverted and as the London Clay cannot support groundwater flow to watercourses no further assessment is required in this respect.
4. Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	No. There will not be an increase in impermeable area across the ground surface above the basement.
5. As part of the site drainage, will more surface water (e.g. rainfall and run-off) than at present be discharged to the ground (e.g. via soakaways and/or SUDS)?	No. The London Clay has a very low permeability and is unlikely to be suitable for a soakaway or similar SUDS based system, therefore the site drainage will be directed to public sewer. Site drainage will therefore be designed to generally maintain the existing situation.

Question	Response for No 9 Woodland Rise
6. Is the lowest point of the proposed excavation (allowing for any drainage and foundation space under the basement floor) close to or lower than, the mean water level in any local pond or spring line?	No. There are no groundwater fed ponds or spring lines supported by the London Clay within the vicinity of the site. The culverted Moselle Brook is shown by the Haringey SFRA to lie adjacent to the site but this is fed by the Dollis Hill Gravel and will not be affected by the development.

The above assessment has not identified any potential issues with regard to the hydrogeological setting of the site.

3.1.2 Stability Screening Assessment

Question	Response for No 9 Woodland Rise
1. Does the existing site include slopes, natural or manmade, greater than 7°?	No. The site slopes down to the east at roughly 5°.
2. Will the proposed re-profiling of landscaping at the site change slopes at the property boundary to more than 7°?	No.
3. Does the development neighbour land, including railway cuttings and the like, with a slope greater than 7°?	No. The OS map of the area indicates that the site is located at a level of approximately 90 m OD, with the map contours indicating the site to be in an area that is sloping down towards the northeast, but the distance between the contours remains relatively constant.
4. Is the site within a wider hillside setting in which the general slope is greater than 7°?	No. As above.
5. Is the London Clay the shallowest strata at the site?	Yes. Reference to BGS maps of the area and BGS boreholes indicate that the site is underlain from the surface by the London Clay Formation.
6. Will any trees be felled as part of the proposed development and / or are any works proposed within any tree protection zones where trees are to be retained?	No. It is understood that no trees are to be felled as part of the proposed development.
7. Is there a history of seasonal shrink-swell subsidence in the local area and / or evidence of such effects at the site?	No. Although the London Clay is known to be affected by seasonal shrink and swell of trees, no evidence of these effects is visible from available online site photographs on site or the surrounding area.
8. Is the site within 100 m of a watercourse or potential spring line?	Yes. The culverted Moselle Brook is shown by the Haringey SFRA to flow in a roughly southeasterly direction between Woodland Rise and Cranley Gardens directly to the north of the site, however, all previous watercourses in this area are shown by the Haringey SFRA to have been culverted and does not therefore pose a risk of river flooding to the site or the surrounding area. No further assessment should be required in this respect.
9. Is the site within an area of previously worked ground?	No. According to BGS maps of the area, the site is not within an area of previously worked ground.
10a. Is the site within an aquifer?	No. According to EA groundwater maps, the site is not underlain by an aquifer.
10b. Will the proposed basement extend beneath the water table such that dewatering may be required during construction?	No. The London Clay does not support a continuous groundwater table due to the very low permeability (horizontal permeability of between 1×10^{-10} m/s and 1×10^{-8} m/s, with an even lower vertical permeability). Localised perched groundwater inflows maybe encountered from within the made ground, however these would not be prolonged or of substantial volume.
12. Is the site within 5 m of a highway or pedestrian right of way?	Yes. The proposed basement is within 5 m of the footway of Woodland Rise.

Question	Response for No 9 Woodland Rise
13. Will the proposed basement significantly increase the differential depth of foundations relative to neighbouring properties?	Yes. It should be anticipated that the proposed basement will increase the depth of foundations relative to neighbouring properties, Nos 7 and 11 Woodland Rise.
14. Is the site over (or within the exclusion zone of) any tunnels, e.g. railway lines?	No. Ordnance Survey maps of the area and Transport for London's Property Asset Register indicate that the site is not over or within the exclusion zone of any tunnels.

The above assessment has identified the following potential issues that need to be assessed:

- Q5 The London Clay is the shallowest stratum.
 Q11 The site is within 5 m of the footpath of Woodland Rise.
 Q13 The founding depth of the proposed basement will be at a lower depth than the neighbouring Nos 7 and 11 Woodland Rise.

3.1.3 Surface Flow and Flooding Screening Assessment

Question	Response for No 9 Woodland Rise
2. As part of the proposed site drainage, will surface water flows (e.g. volume of rainfall and peak run-off) be materially changed from the existing route?	No. There will not be an increase in impermeable area across the site, so the surface water flow regime will be unchanged. The basement will mainly be beneath the footprint of the building and existing hardstanding areas, and the 1 m distance between the roof of the basement and ground surface as recommended by section 3.2 of the CPG Basements 2018 does not apply across these areas.
3. Will the proposed basement development result in a change in the proportion of hard surfaced / paved areas?	No. There will not be a change in impermeable area across the ground surface above the basement.
4. Will the proposed basement development result in changes to the profile of the inflows (instantaneous and long term) of surface water being received by adjacent properties or downstream watercourses?	No. There will not be an increase in impermeable area across the site, so the surface water flow regime will be unchanged. The basement is located within the footprint of the building and existing hardstanding areas, and the 1m distance between the roof of the basement and ground surface as recommended by section 3.2 of the CPG Basements 2018 does not apply across these areas.
5. Will the proposed basement result in changes to the quality of surface water being received by adjacent properties or downstream watercourses?	No. The proposed basement is very unlikely to result in any changes to the quality of surface water being received by adjacent properties or downstream watercourses as the surface water drainage regime will be unchanged and the land uses will remain the same.
6. Is the site in an area identified to have surface water flood risk according to either the Local Flood Risk Management Strategy or the Strategic Flood Risk Assessment or is it at risk of flooding, for example because the proposed basement is below the static water level of nearby surface water feature?	No The findings of this BIA together with the Haringey SFRA and Environment Agency online flood maps show that the site has a very low flooding risk from surface water. There is a very low risk from sewers, and reservoirs (and other artificial sources), and fluvial/tidal watercourses. It is possible that the basement will be constructed within perched groundwater and the recommendations outlined in the BIA with regards to water-proofing and tanking of the basement will reduce the risk to acceptable levels. In accordance with paragraph 6.16 of the CPG a positive pumped device and non-return valve will be installed in the basement in order to further protect the site from sewer flooding.

The above assessment has not identified any potential issues with regard to the hydrological setting of the site.

4.0 SCOPING ASSESSMENT

The purpose of scoping is to assess in more detail the factors to be investigated in the impact assessment. Potential impacts are assessed for each of the identified potential impact factors.

4.1 Potential Impacts

The following potential impacts have been identified by the screening process

Potential Impact	Consequence
The site is underlain by the London Clay Formation	The London Clay is formed of highly shrinkable clay soils that are of high plasticity. This means that it can be affected by seasonal shrinking and swelling caused by tree growth and / or tree removal. Additionally, the unloading of the clay as a result of the basement excavation will give rise to a level of heave. Both scenarios can lead to movement and instability of nearby structures.
The development will increase the differential founding depth of adjacent foundations	Having differential founding depths can result in differential settlements, which could arise from seasonal shrink and swell, if underlain by clay soils, or as result of the increased foundations stiffness of underpinned foundations relative to those that remain unchanged.
The site is located within 5 m of a highway or pedestrian right of way	Excavation of a basement may result in structural damage to the footpath and roadway.

These potential impacts have been assessed further below in Section 5.0 on the basis of the geological and hydrogeological setting of the site.

5.0 BASEMENT IMPACT ASSESSMENT

The screening identified a number of potential impacts. The desk study information, including the results of nearby site investigations, has been used below to review the potential impacts, to assess the likelihood of them occurring and the scope for reasonable engineering mitigation.

The site is underlain by the London Clay Formation

The presence of the London Clay can give rise to a number of potential issues with regard to a slight deepening and lateral extension of the existing basement. These include slope instability on existing and new slopes greater than 7°, heave of the clay soils associated with the unloading from the basement excavation and shrinking and swelling of the clay soils due to the removal of trees. However, at this site no such slope angles are above 5° or will be created by the development and no trees are to be removed such that swelling of the clay subsoil will not be an issue. In addition, although the depth of the proposed basement will give rise to unloading of the clay and therefore heave movements and pressures, these heave movements are unlikely to be significant as they will, to a certain extent, be restricted by the continued pressure applied by the loads of the existing house, which is to be retained. Furthermore, there is nothing abnormal about the proposed basement development and there are well-established engineering solutions to mitigate heave movements, including void formers below the slab and the use of tension piles if necessary. Therefore, it is not considered likely that the excavation of the proposed basement will have an impact on the existing building or on surrounding structures, provided that normal design and construction measures are taken to mitigate the impact.

Differential founding depths

The western wall of the proposed basement will form the party wall with No 7 Woodland Rise, and the eastern wall of the proposed basement will form the party wall with No 11 Woodland Rise, however this is already partially in existence. The foundations to these walls will be underpinned in order to form the basement retaining walls and therefore will be at a greater depth than the remaining foundations of Nos 7 and 11. As stated above, provided that the new foundations are suitably design using standard engineering practice, there is no reason for the underpinning of the party walls to result in excessive differential settlements.

It is recommended that a trial pitting exercise is carried out as part of any future ground investigation in order to confirm the configuration of the foundations to inform the final design. It is also likely that a programme of monitoring will be required during the groundwork to monitor ground movements associated with the underpinning and excavation, as part of party wall agreements. It is anticipated that these matters can be dealt with by way of conditions on the planning consent.

The site is located within 5 m of a highway or pedestrian right of way.

The proposed basement is located within 5 m of the footway of Woodland Rise to the south of the site. A retention system will need to be adopted that maintains the stability of the excavation at all times to protect the highways and nearby structures. This is however standard construction practice.

6.0 CONTAMINATION RISK ASSESSMENT

It is understood that it is proposed to demolish the existing two-storey house and subsequently construct a new two-storey house with single-level basement, to a depth of roughly 3.00 m.

6.1 Environmental Risks

Part IIA of the Environmental Protection Act 1990, which was inserted into that Act by Section 57 of the Environment Act 1995, provides the main regulatory regime for the identification and remediation of contaminated land. As part of the new regime local authorities are required to carry out inspections of their area to identify sites that may be contaminated. The determination of contaminated sites is based on a “suitable for use” approach which involves managing the risks posed by contaminated land by making risk-based decisions. This risk assessment is carried out on the basis of establishing one or more “pollution linkages”; a pollution linkage requires a source of contamination, a sensitive target or receptor that is at risk from the contamination and a pathway by which the contamination can travel from the source to the target.

A risk assessment should be carried out for consideration by the Local Planning Authority (LPA) before the planning application is determined. Where unacceptable risks are identified proposals will need to be made to address these risks as part of the development process. The guidance recognises the benefits of a phased approach and the desk study is the first phase in the process of investigating and identifying contamination to assist in the determination of a planning application.

6.1.1 Source

The site and surrounding area have had a residential use since development began in the late 19th / early 20th Century, with the existing house constructed between 1896 and 1913, prior to which the site and surrounding land comprised of open fields. As such, no sources of

contamination have been identified. Additionally, no off-site sources of contamination have been identified, including any historical or existing landfill sites within 1 km of the site and therefore there is not a risk to the site from migrating landfill gas.

6.1.2 Receptor

The continued use of the site for a residential end use represents a relatively high sensitivity end-use and end users are therefore considered to be potential sensitive receptors. The underlying London Clay is classified as a non-aquifer and therefore groundwater, in addition to neighbouring sites, are not considered to be sensitive receptors. Ground workers and new buried services during the construction phase are likely to come into contact with any contaminants present within the soils through which they pass and new buried concrete as part of the basement construction would also be considered to be a possible receptor.

6.1.3 Pathway

The southern part of the site is largely covered by hardstanding and the existing house, whilst the garden is predominantly laid to lawn. The proposed development will result in the removal of any made ground from within the footprint of the proposed basement and end users will effectively be isolated from the underlying soils due to the extent of the existing house, surrounding areas of hardstanding and the proposed basement structure and new extension. However, made ground will still be present in the rear garden and existing pathways will remain.

Being underlain by a non-aquifer of very low permeability, there is not considered to be a pathway between the site and neighbouring sites, with the exception of any perched groundwater movements within the made ground, upon the interface of the London Clay. Because of the presence of the London Clay, there is not considered to be a pathway down to the Principal Chalk Aquifer.

The construction period is considered to be a pathway by which site workers, new buried services and buried concrete may be exposed to any contaminants present within the soil through direct contact.

There is thus considered to be a generally limited potential for a significant contaminant pathway to be present between any potential contaminant source and a target for the particular contaminant.

6.1.4 Preliminary Risk Appraisal

On the basis of the above and the findings of the previous investigations, it is considered that following the redevelopment of this site, there will be a VERY LOW risk of being a significant contaminant linkage, which would result in a requirement for any remediation work.

7.0 CONCLUSIONS

From the desk study research and the information acquired, the site is underlain by the London Clay, such that a continuous groundwater table will not exist below the site and the proposed basement will not have an impact on the hydrogeological setting. The development will not increase the proportion of hardstanding across the site and so there will not be an increase in surface run-off and any surface waters will not be re-directed from the current drainage routes, which is likely to be to combined sewers in the road.

There is nothing unusual about the proposed single level basement scheme and ground movements resulting from the construction are expected to remain within normal acceptable limits which, from previous experience, will not lead to unacceptable damage to neighbouring properties.

On the basis of the findings of the research carried out there is considered to be a VERY LOW risk of there being a significant contamination linkage at this site, and no requirement is envisaged for remediation in this respect.

APPENDIX

Envirocheck Extracts

Historical Maps

Existing and Proposed Plans

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

284476572_1_1

Customer Reference:

J21267

National Grid Reference:

528550, 189050

Slice:

A

Site Area (Ha):

0.03

Search Buffer (m):

1000

Site Details:

9, Woodland Rise

LONDON

N10 3UP

Client Details:

Mr S Branch

GEA Ltd

Widbury Barn

Widbury Hill

Ware

Herts

SG12 7QE



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
Geological	7
Industrial Land Use	11
Sensitive Land Use	26
Data Currency	27
Data Suppliers	34
Useful Contacts	35

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Copyright Notice

© Landmark Information Group Limited 2021. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

© Environment Agency & United Kingdom Research and Innovation 2021. © Natural Resources Wales & United Kingdom Research and Innovation 2021.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

Ove Arup Copyright Notice

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Stantec Copyright Notice

The cavity data presented has been extracted from the PBA (now Stantec UK Ltd) enhanced version of the original DEFRA national cavity databases. Stantec UK Ltd retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by Stantec UK Ltd. In no event shall Stantec UK Ltd or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2021. Land & Property Services © Crown copyright and database right.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes		n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1			2	7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 3				(*3)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 3	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 4		1	13	3

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 6				1
Potentially Infilled Land (Water)	pg 6			1	8
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry					
BGS Recorded Mineral Sites	pg 7				1
BGS Urban Soil Chemistry	pg 7			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 10	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 11		8	20	85
Fuel Station Entries	pg 20				3
Points of Interest - Commercial Services	pg 20			8	18
Points of Interest - Education and Health	pg 22		1		
Points of Interest - Manufacturing and Production	pg 23		1	6	9
Points of Interest - Public Infrastructure	pg 24				7
Points of Interest - Recreational and Environmental	pg 24				5
Gas Pipelines					
Underground Electrical Cables	pg 25				4

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 26		2		
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 26		2		1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	188	1	528554 189250
1	Discharge Consents Operator: London Underground Ltd. Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Highgate Railway Depot, Woodside Avenue, London N6 Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.2296 Permit Version: 2 Effective Date: 9th December 2005 Issued Date: 9th December 2005 Revocation Date: 9th December 2017 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Made Ground/London Clay Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	669	2	527990 188670
1	Discharge Consents Operator: London Underground Ltd. Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Highgate Railway Depot, Woodside Avenue, London N6 Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.2296 Permit Version: 1 Effective Date: 21st March 1988 Issued Date: 21st March 1988 Revocation Date: 8th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land Receiving Water: Made Ground/London Clay Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	669	2	527990 188670
2	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Fortis Green Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0121 Permit Version: 1 Effective Date: 15th September 1989 Issued Date: 15th September 1989 Revocation Date: 5th October 2000 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: River Thames Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	822	2	527800 189400
3	Local Authority Pollution Prevention and Controls Name: Ashlea Motors Location: Arch 9 The Viaduct, St James Lane, London, N10 3qx Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: HGY/010 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	385	3	528801 189358
3	Local Authority Pollution Prevention and Controls Name: Beatlemania Location: Arches 4 & 5 The Viaduct, St James Lane, London, N10 3qx Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: HGY/009 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	385	3	528801 189358

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Local Authority Pollution Prevention and Controls Name: Carlton Dry Cleaners Location: 96 Fortis Green Road, London, N10 3hn Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: DC09 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18SW (N)	515	3	528504 189575
5	Local Authority Pollution Prevention and Controls Name: Etiquette Dry Cleaners Location: 438 Muswell Hill, London, N10 Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18NE (N)	775	3	528740 189813
6	Local Authority Pollution Prevention and Controls Name: Wellington Service Station Location: 513 Archway Road, LONDON, N6 4HX Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: PV-02/v1 Dated: 17th April 2001 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	826	3	527908 188517
7	Local Authority Pollution Prevention and Controls Name: Rose Dry Cleaners Location: 518 Muswell Road, Muswell Hill, London, N10 1bt Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: DC57 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18NE (N)	841	3	528712 189887
8	Local Authority Pollution Prevention and Controls Name: Topshot Dry Cleaners Location: 302c Park Road, London, N8 8la Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: DC47 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14NE (E)	859	3	529405 189198
9	Local Authority Pollution Prevention and Controls Name: Warwick Wright Finchley Location: Lynton Garage, 90 Fortis Green, LONDON, N2 9EY Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: 6 Dated: 14th June 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	936	3	527806 189630
10	Local Authority Pollution Prevention and Controls Name: Prestige Dry Cleaners Location: 289 Archway Road, London, N6 5aa Authority: London Borough of Haringey, Planning and Environmental Health Permit Reference: DC39 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8SE (S)	957	3	528581 188078
	Nearest Surface Water Feature	A13NE (N)	117	-	528568 189177

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Muswell Hill Golf Company Limited Licence Number: Th/038/0009/044 Permit Version: 2 Location: Borehole - Confined Chalk At Muswell Hill Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Muswell Hill Golf Club, London Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 31st August 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1906	2	529066 190897
	Water Abstractions Operator: Muswell Hill Golf Club Licence Number: Th/038/0009/044 Permit Version: 1 Location: Borehole - Confined Chalk At Muswell Hill Golf Club Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Muswell Hill Golf Club, London Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1906	2	529066 190897
	Water Abstractions Operator: Thames Water Utilities Ltd Licence Number: 29/38/09/0110 Permit Version: Not Supplied Location: Campsbourne Well, HORNSEY Authority: Environment Agency, Thames Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 3978 Yearly Rate (m3): 829645 Details: Chalk (Undifferentiated) Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1992	2	530500 189500
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SW (NW)	0	4	528554 189048
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (NW)	0	4	528554 189048
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	117	5	528568 189177
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	277	5	528697 189299
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	287	5	528656 188766
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	296	5	528605 188743
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	296	5	528600 188743
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	297	5	528602 188742
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	301	5	528602 188738
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	302	5	528614 188738

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	302	5	528671 188755
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	303	5	528624 188740
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	308	5	528694 188758
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	320	5	528721 188760
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	406	5	528813 188718
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	450	5	528272 188681
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	503	5	528648 188541
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	631	5	528200 188510
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	635	5	528059 188633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: London Borough of Haringey - Has supplied landfill data		0	6	528554 189048
	Local Authority Landfill Coverage Name: London Borough of Barnet - Has supplied landfill data		779	7	527771 189090
28	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A17NE (NW)	849	9	528160 189817
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A18SW (N)	478	9	528381 189510
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A17SE (NW)	620	9	528021 189387
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A8NW (S)	661	9	528539 188374
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A8SE (S)	804	9	528695 188243
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A14NE (E)	816	9	529359 189213
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1876	A8SW (S)	845	9	528285 188233
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A9NW (SE)	871	9	529213 188460
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A7SE (SW)	974	9	527955 188265
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A12NW (W)	997	9	527593 189344

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SW (NW)	0	1	528554 189048
	BGS Estimated Soil Chemistry No data available				
38	BGS Recorded Mineral Sites Site Name: Goldfall Wood Gravel Pit Location: Muswell Hill, Hornsey, Greater London Source: British Geological Survey, National Geoscience Information Service Reference: 182061 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Anglian Geology: Lowestoft Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	891	1	528123 189844
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528746, 189272 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 26.60 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 94.30 mg/kg Concentration: Lead Measured 316.10 mg/kg Concentration: Nickel Measured 49.50 mg/kg Concentration:	A13NE (NE)	284	1	528746 189272
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528236, 189186 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 19.20 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 97.00 mg/kg Concentration: Lead Measured 177.40 mg/kg Concentration: Nickel Measured 25.90 mg/kg Concentration:	A13NW (NW)	337	1	528236 189186
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528792, 188773 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 20.60 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 120.80 mg/kg Concentration: Lead Measured 267.70 mg/kg Concentration: Nickel Measured 27.00 mg/kg Concentration:	A13SE (SE)	351	1	528792 188773

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528245, 188752 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.10 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 110.70 mg/kg Concentration: Lead Measured 76.30 mg/kg Concentration: Nickel Measured 12.70 mg/kg Concentration:	A13SW (SW)	417	1	528245 188752
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528762, 189634 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 28.00 mg/kg Concentration: Cadmium Measured 1.70 mg/kg Concentration: Chromium Measured 76.60 mg/kg Concentration: Lead Measured 905.80 mg/kg Concentration: Nickel Measured 39.30 mg/kg Concentration:	A18SE (N)	609	1	528762 189634
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528500, 189781 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 24.10 mg/kg Concentration: Cadmium Measured 0.90 mg/kg Concentration: Chromium Measured 69.20 mg/kg Concentration: Lead Measured 673.50 mg/kg Concentration: Nickel Measured 29.50 mg/kg Concentration:	A18NW (N)	721	1	528500 189781
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528758, 188313 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 23.90 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 99.50 mg/kg Concentration: Lead Measured 206.30 mg/kg Concentration: Nickel Measured 22.90 mg/kg Concentration:	A8SE (S)	749	1	528758 188313
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 527814, 189299 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 19.20 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 119.60 mg/kg Concentration: Lead Measured 271.30 mg/kg Concentration: Nickel Measured 30.90 mg/kg Concentration:	A12NW (W)	773	1	527814 189299

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 529372, 189240 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.50 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 100.40 mg/kg Concentration: Lead Measured 305.30 mg/kg Concentration: Nickel Measured 30.30 mg/kg Concentration:	A14NE (E)	834	1	529372 189240
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 528226, 188231 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 26.20 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 107.20 mg/kg Concentration: Lead Measured 206.60 mg/kg Concentration: Nickel Measured 17.10 mg/kg Concentration:	A8SW (S)	867	1	528226 188231
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 529411, 188842 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 19.20 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 102.10 mg/kg Concentration: Lead Measured 328.00 mg/kg Concentration: Nickel Measured 37.90 mg/kg Concentration:	A14SE (E)	873	1	529411 188842
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 527647, 188728 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 20.50 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 220.50 mg/kg Concentration: Lead Measured 359.00 mg/kg Concentration: Nickel Measured 24.00 mg/kg Concentration:	A12SW (W)	955	1	527647 188728

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7209 Arsenic Minimum Concentration: 1.00 mg/kg Arsenic Average Concentration: 17.00 mg/kg Arsenic Maximum Concentration: 161.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 165.20 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 79.00 mg/kg Chromium Maximum Concentration: 2094.00 mg/kg Lead Minimum Concentration: 11.00 mg/kg Lead Average Concentration: 280.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 2.00 mg/kg Nickel Average Concentration: 28.00 mg/kg Nickel Maximum Concentration: 506.00 mg/kg	A13SW (NW)	0	1	528554 189048
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	109	1	528637 189135
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	528554 189048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Contemporary Trade Directory Entries Name: Bath Studio Location: 43 Muswell Hill Road, London, N10 3JB Classification: Bath Resurfacing Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (W)	99	-	528451 189073
39	Contemporary Trade Directory Entries Name: Architectural Fittings Location: 51, Muswell Hill Road, London, N10 3JB Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	105	-	528446 189083
40	Contemporary Trade Directory Entries Name: Fox & Co Location: Woodland Rise, London, N10 3UG Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (E)	115	-	528674 189038
40	Contemporary Trade Directory Entries Name: Fox & Co Plumbing & Heating Location: 42, Woodland Rise, London, N10 3UG Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	150	-	528709 189027
41	Contemporary Trade Directory Entries Name: Sexy Cleaners Location: Muswell Hill Rd, London, N10 3NG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (N)	225	-	528494 189280
42	Contemporary Trade Directory Entries Name: Simmons House Location: 53, Woodside Avenue, London, N10 3HU Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	242	-	528369 189224
42	Contemporary Trade Directory Entries Name: St Luke'S Woodside Hospital Location: Woodside Avenue, London, N10 3HU Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	243	-	528369 189224
43	Contemporary Trade Directory Entries Name: Martin Wess Location: 10, Ellington Road, London, N10 3DG Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	247	-	528768 189189
44	Contemporary Trade Directory Entries Name: Absolute Contract Cleaning Location: 10, Teresa Walk, London, N10 3LL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	342	-	528885 188931
45	Contemporary Trade Directory Entries Name: Willows Joinery Location: Unit 6 St James La, St James Arches, Muswell Hill, London, N10 3DA Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	369	-	528752 189374
46	Contemporary Trade Directory Entries Name: Beetlemania Location: Unit 5, The Viaduct, St. James Lane, London, N10 3QX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	377	-	528798 189351
46	Contemporary Trade Directory Entries Name: Ashley Motors Location: 9, The Viaduct, St. James Lane, London, N10 3QX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Contemporary Trade Directory Entries Name: Andy'S Motors Location: Unit 5, The Viaduct, St. James Lane, London, N10 3QX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358
46	Contemporary Trade Directory Entries Name: T White Location: 8, The Viaduct, St. James Lane, London, N10 3QX Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358
46	Contemporary Trade Directory Entries Name: Autowerke Location: 7, The Viaduct, St. James Lane, London, N10 3QX Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358
46	Contemporary Trade Directory Entries Name: Jocas Ltd Location: 2, The Viaduct, St. James Lane, LONDON, N10 3QX Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358
46	Contemporary Trade Directory Entries Name: Arch Motors Location: 7, The Viaduct, St. James Lane, London, N10 3QX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358
46	Contemporary Trade Directory Entries Name: Able Motor Services Location: 7, The Viaduct, St. James Lane, LONDON, N10 3QX Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	385	-	528801 189358
47	Contemporary Trade Directory Entries Name: St James'S Launderette Location: 109, Muswell Hill Road, London, N10 3HS Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	392	-	528533 189453
48	Contemporary Trade Directory Entries Name: Pristine Dry Cleaners Location: 10, Muswell Hill Broadway, London, N10 3RT Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	407	-	528627 189462
48	Contemporary Trade Directory Entries Name: Destination Skin Location: 24, Muswell Hill Broadway, London, N10 3RT Classification: Electrolysis Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	414	-	528627 189468
48	Contemporary Trade Directory Entries Name: Absolut Clean Location: 54, Hillfield Park Mews, London, N10 3QR Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	444	-	528646 189496
48	Contemporary Trade Directory Entries Name: Absolut Clean Location: 54, Hillfield Park Mews, London, N10 3QR Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	444	-	528646 189496
49	Contemporary Trade Directory Entries Name: B Borley Location: 7, The Viaduct, St. Jame's Lane, London, N10 3QX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18SE (NE)	453	-	528833 189420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Contemporary Trade Directory Entries Name: Autronic International Plc Location: Queens Wood Lodge, Muswell Hill Road, London, N10 3JP Classification: Bottling Machinery & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	453	-	528536 188582
51	Contemporary Trade Directory Entries Name: Cheeses Of Muswell Hill Location: 13, Fortis Green Road, London, N10 3HP Classification: Cheese Makers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	468	-	528501 189527
51	Contemporary Trade Directory Entries Name: Carlton Cleaners & Launderers Location: 96, Fortis Green Road, London, N10 3HN Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	515	-	528504 189575
51	Contemporary Trade Directory Entries Name: Aerial Electrical Services Ltd Location: Princes La, London, N10 3LU Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	515	-	528523 189576
51	Contemporary Trade Directory Entries Name: John Lewis Of Hungerford Location: 108, Fortis Green Road, London, N10 3HN Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	523	-	528493 189582
51	Contemporary Trade Directory Entries Name: Professional Cleaning - Muswell Hill Location: 104, Fortis Green Road, LONDON, N10 3HN Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	523	-	528493 189582
51	Contemporary Trade Directory Entries Name: Love Your Junk Location: Lonsto House, 3 Princes La, London, N10 3LU Classification: Rubbish Clearance Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	527	-	528509 189587
52	Contemporary Trade Directory Entries Name: Wickes Location: 28, Fortis Green Road, London, N10 3HN Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	480	-	528559 189542
52	Contemporary Trade Directory Entries Name: Muswell Hill Shop Location: 44, Fortis Green Road, London, N10 3HN Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	484	-	528545 189546
53	Contemporary Trade Directory Entries Name: Fortis Green Scaffolding Location: 85, Fortis Green Road, London, N10 3HP Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	502	-	528457 189555
54	Contemporary Trade Directory Entries Name: M S W Machinery Ltd Location: 84, St. James's Lane, London, N10 3RD Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	521	-	528998 189338
55	Contemporary Trade Directory Entries Name: Ipl London Location: 143, Fortis Green Road, London, N10 3LX Classification: Electrolysis Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	547	-	528406 189589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Contemporary Trade Directory Entries Name: Lansdowne Motor Co Ltd Location: 148, Fortis Green Road, London, N10 3DU Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	582	-	528422 189629
55	Contemporary Trade Directory Entries Name: Shaftesburys Blinds & Shutters Ltd Location: 162, Fortis Green Road, London, N10 3DU Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	591	-	528412 189637
55	Contemporary Trade Directory Entries Name: Shaftesbury Blinds & Shutters Location: 162, Fortis Green Road, London, N10 3DU Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	591	-	528412 189637
55	Contemporary Trade Directory Entries Name: Launderama Location: 188, Fortis Green Road, London, N10 3DU Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	610	-	528393 189651
56	Contemporary Trade Directory Entries Name: B Murphy & Co Location: 2-4, AVENUE MEWS, HORNSEY, LONDON, N10 3NP Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	556	-	528662 189606
56	Contemporary Trade Directory Entries Name: Talking Print Location: 6, PRINCES AVENUE, HORNSEY, LONDON, N10 3LR Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	566	-	528630 189622
56	Contemporary Trade Directory Entries Name: Trim Vintage Location: 20-22, Avenue Mews, Muswell Hill, London, N10 3NP Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	584	-	528685 189630
57	Contemporary Trade Directory Entries Name: Buildbase Ltd Location: 40, Muswell Hill Road, London, N6 5UN Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	573	-	528525 188463
58	Contemporary Trade Directory Entries Name: American Dry Cleaning Company Location: 168, Muswell Hill Broadway, London, N10 3SA Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	574	-	528758 189598
58	Contemporary Trade Directory Entries Name: Mtrx Location: 185, Muswell Hill Broadway, London, N10 3RS Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	603	-	528732 189637
58	Contemporary Trade Directory Entries Name: Supasnap Location: 189-191, Muswell Hill Broadway, London, N10 3RS Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	609	-	528738 189642
58	Contemporary Trade Directory Entries Name: Sketchley Retail Ltd Location: 189-191, Muswell Hill Broadway, London, N10 3RS Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	609	-	528738 189642

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Contemporary Trade Directory Entries Name: Premier Carpets & Upholstery Location: 33, Summersby Road, London, N6 5UH Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	575	-	528647 188468
59	Contemporary Trade Directory Entries Name: Premier Carpet & Upholstery Cleaners Location: 33, Summersby Road, London, N6 5UH Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	575	-	528647 188468
60	Contemporary Trade Directory Entries Name: The Crawford Group Location: 56, Woodside Avenue, London, N6 4ST Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	596	-	527956 189002
61	Contemporary Trade Directory Entries Name: Space N K Location: 238, Muswell Hill Broadway, London, N10 3SH Classification: Perfume Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	610	-	528800 189620
62	Contemporary Trade Directory Entries Name: Gaskell Mackay Carpets Location: 24, Summersby Road, London, N6 5UH Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	615	-	528578 188420
63	Contemporary Trade Directory Entries Name: R Agius Scooters Ltd Location: 266 Dukes Mews, London, N10 2QP Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	669	-	528856 189659
63	Contemporary Trade Directory Entries Name: Cleaners Of Muswell Hill Location: 266, Muswell Hill Broadway, London, N10 2QR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	675	-	528858 189665
63	Contemporary Trade Directory Entries Name: United Carpet Cleaning Masters Location: C,290 Muswell Hill Broadway, London, N10 1DJ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	677	-	528836 189677
64	Contemporary Trade Directory Entries Name: Ozone Clean Location: 170, Fortis Green, London, N10 3PA Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	686	-	528236 189672
64	Contemporary Trade Directory Entries Name: Ozone Clean Location: 170, Fortis Green, London, N10 3PA Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	686	-	528236 189672
65	Contemporary Trade Directory Entries Name: London Boys Scrap Yards In Muswell Hill Location: 394, Muswell Hill Broadway, London, N10 1DJ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	706	-	528764 189736
65	Contemporary Trade Directory Entries Name: Snap Happy Location: 394, Muswell Hill Broadway, London, N10 1DJ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	706	-	528764 189736

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Contemporary Trade Directory Entries Name: Mailboxes Etc Location: 394, MUSWELL HILL BROADWAY, HORNSEY, LONDON, N10 1DJ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	707	-	528764 189736
65	Contemporary Trade Directory Entries Name: Andrews Dry Cleaners Location: 408, Muswell Hill Broadway, London, N10 1DJ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	725	-	528756 189758
65	Contemporary Trade Directory Entries Name: Snappy Snaps Location: 408, Muswell Hill Broadway, London, N10 1DJ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	725	-	528756 189758
66	Contemporary Trade Directory Entries Name: Scaffolding & Building Services On London N10 Location: Midhurst Parade, Fortis Green, London, N10 3EJ Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	706	-	528110 189615
66	Contemporary Trade Directory Entries Name: Scaffolding & Building Services On London N10 Location: Midhurst Parade, Fortis Green, London, N10 3EJ Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	706	-	528110 189615
67	Contemporary Trade Directory Entries Name: Muswell Hill Cleaners Location: 17, Muswell Hill, London, N10 3PR Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	711	-	529168 189425
68	Contemporary Trade Directory Entries Name: Jewson Location: Wellington Sidings, 460, Archway Road, London, N6 4JD Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	743	-	528041 188494
69	Contemporary Trade Directory Entries Name: Homesparkle Location: Unit 516 Muswell Hill Broadway, London, N10 1DJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	751	-	528721 189793
69	Contemporary Trade Directory Entries Name: Etiquette Location: 438, Muswell Hill Broadway, London, N10 1BS Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	775	-	528740 189813
69	Contemporary Trade Directory Entries Name: The Broadway Launderette Location: 476, Muswell Hill Broadway, London, N10 1BT Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	812	-	528726 189855
70	Contemporary Trade Directory Entries Name: J Collins Location: 441, Archway Road, London, N6 4HT Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	781	-	528157 188361
71	Contemporary Trade Directory Entries Name: A J L Appliances Ltd Location: 6, Cheapside, Fortis Green, London, N2 9HP Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	786	-	527986 189610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Contemporary Trade Directory Entries Name: Air Domestique Location: 9, Southern Road, London, N2 9LH Classification: Ventilators & Ventilation Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	789	-	527789 189273
73	Contemporary Trade Directory Entries Name: Just Jeeps (Uk) Ltd Location: 440, Archway Road, London, N6 4JH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	795	-	528357 188264
74	Contemporary Trade Directory Entries Name: Deans Lane Tyres Highgate Location: 505-511, Archway Road, London, N6 4HX Classification: Tyre Repairs & Retreading Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	808	-	527956 188489
74	Contemporary Trade Directory Entries Name: Highgate Tyres Location: 505-511, Archway Road, London, N6 4HX Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	808	-	527956 188489
75	Contemporary Trade Directory Entries Name: Motor Services Of Muswell Hill Location: 109, Fortis Green, London, N2 9HR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	810	-	527918 189570
76	Contemporary Trade Directory Entries Name: Retail Focus Location: 14, Shakespeare Gardens, London, N2 9LJ Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	820	-	527737 189172
77	Contemporary Trade Directory Entries Name: Esso Location: 513, Archway Road, London, N6 4HX Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	826	-	527905 188520
77	Contemporary Trade Directory Entries Name: Esso Location: 513, Archway Road, London, N6 4HX Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	826	-	527905 188520
78	Contemporary Trade Directory Entries Name: Flood Tight Systems Ltd Location: 500, Muswell Hill Broadway, London, N10 1BT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	828	-	528711 189874
79	Contemporary Trade Directory Entries Name: R K Tuning Location: 426, Archway Road, London, N6 4JH Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	828	-	528424 188216
79	Contemporary Trade Directory Entries Name: M Karoullas Location: 367, Archway Road, London, N6 4EJ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	861	-	528420 188184
80	Contemporary Trade Directory Entries Name: T & C Motors Location: 10, Annington Road, London, N2 9NB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	839	-	527865 189547

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	Contemporary Trade Directory Entries Name: Best Rubbish Removal Location: 2 Covisten Ct, Park Rd, Crouch End, London, N8 8JH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	847	-	529394 189192
81	Contemporary Trade Directory Entries Name: Top Spot Dry Cleaners Location: 302c, Park Road, London, N8 8LA Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	859	-	529405 189198
81	Contemporary Trade Directory Entries Name: Top Spot Dry Cleaners Location: 302c, Park Road, London, N8 8LA Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	859	-	529405 189198
81	Contemporary Trade Directory Entries Name: Fuel Systems Location: 308, Park Road, London, N8 8LA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	867	-	529408 189227
81	Contemporary Trade Directory Entries Name: R W Services London Ltd Location: Farrer Mews, London, N8 8NE Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the address or location	A14NE (E)	893	-	529435 189225
82	Contemporary Trade Directory Entries Name: Stork Sak Location: 45, Priory Gardens, London, N6 5QU Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	860	-	528778 188204
83	Contemporary Trade Directory Entries Name: J R J Auto Repair Ltd Location: 54, Eastern Road, London, N2 9LA Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	868	-	527814 189523
84	Contemporary Trade Directory Entries Name: Cleaning Lady London Location: 35, Bishops Road, London, N6 4HP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	869	-	528294 188205
85	Contemporary Trade Directory Entries Name: Palace Promotions Location: HORNSEY, LONDON, N8 8NB Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	871	-	529406 189255
86	Contemporary Trade Directory Entries Name: Chambers Engineering Location: 312, Archway Road, London, N6 5AT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8SW (S)	876	-	528523 188160
86	Contemporary Trade Directory Entries Name: The Wash House Location: 337, Archway Road, London, N6 5AA Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	918	-	528518 188118
87	Contemporary Trade Directory Entries Name: G M S Joinery Location: 6a, Denmark Terrace, Fortis Green, London, N2 9HG Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	876	-	527867 189611

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	Contemporary Trade Directory Entries Name: Marivel Group Location: 52, Talbot Road, London, N6 4QP Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	918	-	528176 188197
89	Contemporary Trade Directory Entries Name: Gold Scaffolding Location: 26, Aylmer Parade, Aylmer Road, London, N2 0PE Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	923	-	527728 188617
89	Contemporary Trade Directory Entries Name: Surf Launderette & Dry Cleaners Location: 35 Aylmer Parade, Aylmer Road, London, N2 0PE Classification: Dry Cleaners Status: Active Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	923	-	527728 188617
89	Contemporary Trade Directory Entries Name: Gold Scaffolding Location: 26 Aylmer Parade, London, N2 0PE Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	924	-	527727 188618
89	Contemporary Trade Directory Entries Name: Iron Mighty Location: 31, Aylmer Parade, Aylmer Road, London, N2 0PE Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	949	-	527698 188620
89	Contemporary Trade Directory Entries Name: Green Electrical Wholesaler Location: 31, Aylmer Parade, Aylmer Road, London, N2 0PE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	949	-	527698 188620
90	Contemporary Trade Directory Entries Name: Lynton Location: 90, Fortis Green, London, N2 9EY Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	939	-	527808 189638
91	Contemporary Trade Directory Entries Name: Prestige Dry Cleaning & Launderette Location: 165 Priory Road, London, N8 8NB Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	941	-	529480 189242
91	Contemporary Trade Directory Entries Name: Jack Williams Location: 157, Priory Road, London, N8 8NA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	968	-	529511 189222
92	Contemporary Trade Directory Entries Name: British Spirals & Casting Location: 305, Archway Road, LONDON, N6 5AA Classification: Ornamental Metalwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	947	-	528562 188088
92	Contemporary Trade Directory Entries Name: Tilley's London Castings Location: 305, Archway Road, London, N6 5AA Classification: Metal Workers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SE (S)	947	-	528562 188088
92	Contemporary Trade Directory Entries Name: Stantons Location: 297, Archway Road, London, N6 5AA Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	952	-	528572 188083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	Contemporary Trade Directory Entries Name: Prestige Dry Cleaners Uk Ltd Location: 289, Archway Road, LONDON, N6 5AA Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	957	-	528580 188078
93	Contemporary Trade Directory Entries Name: Dampquest Location: 252, Park Road, London, N8 8JX Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	951	-	529510 189017
93	Contemporary Trade Directory Entries Name: Hygiene-A-Clean Location: 252, Park Road, London, N8 8JX Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	951	-	529510 189017
94	Contemporary Trade Directory Entries Name: Aylmer Launderette & Dry Cleaners Location: 35, Aylmer Parade, Aylmer Road, London, N2 0PE Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	971	-	527674 188618
95	Contemporary Trade Directory Entries Name: Finchley Stained Glass Location: 7, Summerlee Gardens, London, N2 9QN Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	995	-	527575 189262
96	Fuel Station Entries Name: Fortis Green Service Station Location: 109, Fortis Green Road , Fortis Green , London, Inner London, N2 9HR Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A17SE (NW)	823	-	527910 189582
97	Fuel Station Entries Name: Mfg Wellington Location: 513, Archway Road North Hill, Highgate , London, Inner London, N6 4HX Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	826	-	527905 188520
98	Fuel Station Entries Name: Lynton Service Station Location: Fortis Green Road , Fortis Green , London, Inner London, N2 9EY Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A17SW (NW)	939	-	527808 189638
99	Points of Interest - Commercial Services Name: Autowerke Location: 7 The Viaduct, St. James Lane, London, N10 3QX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	377	8	528798 189351
99	Points of Interest - Commercial Services Name: Beetlemania Location: Unit 5 The Viaduct, St. James Lane, London, N10 3QX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	385	8	528801 189358
99	Points of Interest - Commercial Services Name: Ashley Motors Location: 9 The Viaduct, St. James Lane, London, N10 3QX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	385	8	528801 189358

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Points of Interest - Commercial Services Name: Autowerke Ltd Location: 7 The Viaduct, St. James Lane, London, N10 3QX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	385	8	528801 189358
99	Points of Interest - Commercial Services Name: Andy's Motors Location: 5 The Viaduct, St. James Lane, London, N10 3QX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	385	8	528801 189358
99	Points of Interest - Commercial Services Name: Andy's Motors Location: Unit 5 The Viaduct, St. James Lane, London, N10 3QX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	385	8	528801 189358
100	Points of Interest - Commercial Services Name: Ace Car Wash Location: 12 Fortis Green Road, London, N10 3HN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SE (N)	495	8	528585 189555
100	Points of Interest - Commercial Services Name: Ace Car Wash Location: 12 Fortis Green Road, London, N10 3HN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SE (N)	495	8	528585 189555
101	Points of Interest - Commercial Services Name: R Agius Scooters Ltd Location: 266 Dukes Mews, London, N10 2QP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	669	8	528856 189659
102	Points of Interest - Commercial Services Name: Just Jeeps Location: 440 Archway Road, London, N6 4JH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	795	8	528357 188264
103	Points of Interest - Commercial Services Name: American Carwash Location: 505-511 Archway Road, Hornsey, London, N6 4HX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	808	8	527955 188490
103	Points of Interest - Commercial Services Name: The Coffee Car Wash Company Location: 505-511 Archway Road, London, N6 4HX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	808	8	527956 188489
103	Points of Interest - Commercial Services Name: Mfg Wellington Location: 513 Archway Road, London, N6 4HX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	826	8	527905 188520
103	Points of Interest - Commercial Services Name: Car Wash Location: 513 Archway Road, London, N6 4HX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	826	8	527905 188520
104	Points of Interest - Commercial Services Name: Victory Auto Ltd Location: 109 Fortis Green, London, N2 9HR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	810	8	527918 189570

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	Points of Interest - Commercial Services Name: Fortis Screen Ocean Location: 109 Fortis Green, London, N2 9HR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	810	8	527918 189570
104	Points of Interest - Commercial Services Name: Fortis Green Ocean Car Valeting Service Ltd Location: 109 Fortis Green, London, N2 9HR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	811	8	527917 189569
105	Points of Interest - Commercial Services Name: Fuel Systems Location: 308 Park Road, London, N8 8LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	867	8	529408 189227
105	Points of Interest - Commercial Services Name: Fuel Systems Co Location: 308 Park Road, London, N8 8LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	867	8	529408 189227
105	Points of Interest - Commercial Services Name: R W Services Location: Priory Works, Farrer Mews, London, N8 8NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	892	8	529435 189220
105	Points of Interest - Commercial Services Name: R W Services London Ltd Location: Farrer Mews, London, N8 8NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	893	8	529435 189225
106	Points of Interest - Commercial Services Name: J R J Auto Repair Ltd Location: 54 Eastern Road, London, N2 9LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	868	8	527814 189523
106	Points of Interest - Commercial Services Name: Sparkles (Mobile) Valeting Location: 92 Fortis Green, London, N2 9EY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	904	8	527829 189608
107	Points of Interest - Commercial Services Name: Maple Surveys Location: Flat 1 Highcroft, North Hill, London, N6 4RD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A7SE (SW)	944	8	528078 188218
108	Points of Interest - Commercial Services Name: Tilleys London Castings Location: 305 Archway Road, London, N6 5AA Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8SE (S)	947	8	528562 188088
108	Points of Interest - Commercial Services Name: British Spirals & Casting Location: 305 Archway Road, London, N6 5AA Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8SE (S)	947	8	528562 188088
109	Points of Interest - Education and Health Name: St Lukes Hospital Location: Woodside Avenue, London, N10 3HU Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A13NW (NW)	243	8	528369 189224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	Points of Interest - Manufacturing and Production Name: Shaft Location: N10 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	125	8	528450 189138
111	Points of Interest - Manufacturing and Production Name: Tank Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (W)	277	8	528281 189131
111	Points of Interest - Manufacturing and Production Name: Tanks Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	280	8	528279 189136
111	Points of Interest - Manufacturing and Production Name: Tank Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (W)	284	8	528273 189129
111	Points of Interest - Manufacturing and Production Name: Tank Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (W)	285	8	528273 189132
111	Points of Interest - Manufacturing and Production Name: Tank Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (W)	287	8	528272 189135
111	Points of Interest - Manufacturing and Production Name: Tank Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (W)	289	8	528271 189139
112	Points of Interest - Manufacturing and Production Name: Tank Location: N10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12NE (W)	545	8	528014 189164
113	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	590	8	528542 188445
113	Points of Interest - Manufacturing and Production Name: Works Location: N6 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	591	8	528537 188444
114	Points of Interest - Manufacturing and Production Name: Bibliotheque Stone Merchants Location: 230 Fortis Green Road, London, N10 3DU Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (N)	643	8	528348 189673
114	Points of Interest - Manufacturing and Production Name: Bibliotheque Location: 230 Fortis Green Road, London, N10 3DU Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (N)	643	8	528348 189673

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	Points of Interest - Manufacturing and Production Name: Shaft Location: N6 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	741	8	528062 188478
116	Points of Interest - Manufacturing and Production Name: Tank Location: N6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	872	8	528618 188165
117	Points of Interest - Manufacturing and Production Name: Tank Location: N6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	930	8	528103 188220
118	Points of Interest - Manufacturing and Production Name: Tank Location: N6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	978	8	528195 188124
119	Points of Interest - Public Infrastructure Name: Muswell Hill Police Station Location: Muswell Hill Police Station 115, Fortis Green, London, N2 9HW Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	792	8	527966 189598
120	Points of Interest - Public Infrastructure Name: Highgate Police Station Location: Highgate Police Station 407, Archway Road, London, N6 4NW Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A8SW (S)	812	8	528282 188269
120	Points of Interest - Public Infrastructure Name: Police Station Location: Outside Police Station Archway Road, Highgate, London, N6 4ER Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A8SW (S)	813	8	528282 188268
121	Points of Interest - Public Infrastructure Name: Esso Location: 513 Archway Road, London, N6 4HX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	826	8	527905 188520
121	Points of Interest - Public Infrastructure Name: Esso Location: 513 Archway Road, London, N6 4HX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	826	8	527905 188520
121	Points of Interest - Public Infrastructure Name: Wellington Service Station Location: 513 Archway Road, London, N6 4HX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	826	8	527905 188520
121	Points of Interest - Public Infrastructure Name: Wellington Service Station Location: 513 Archway Road, London, N6 4HX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	826	8	527905 188520
122	Points of Interest - Recreational and Environmental Name: Play Area Location: N6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	597	8	528654 188446

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	692	8	528252 188411
123	Points of Interest - Recreational and Environmental Name: Playground Location: Archway Road, N6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	692	8	528252 188411
124	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	810	8	529115 189648
124	Points of Interest - Recreational and Environmental Name: Playground Location: N10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	810	8	529115 189648
125	Underground Electrical Cables Unique Feature Identifier: 10006612 Cable Status: Electrically Decommissioned Cable Type: Cable Unknown Record Last: 9th July 2018 Updated:	A7NE (SW)	841	9	527890 188515
126	Underground Electrical Cables Unique Feature Identifier: 10006638 Cable Status: Electrically Decommissioned Cable Type: Cable Unknown Record Last: 9th July 2018 Updated:	A7NW (SW)	845	9	527869 188536
127	Underground Electrical Cables Unique Feature Identifier: 10006557 Cable Status: Electrically Decommissioned Cable Type: Cable Unknown Record Last: 9th July 2018 Updated:	A7NW (SW)	911	9	527750 188602
128	Underground Electrical Cables Unique Feature Identifier: 10006558 Cable Status: Electrically Decommissioned Cable Type: Cable Unknown Record Last: 9th July 2018 Updated:	A7SE (SW)	963	9	528075 188198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Ancient Woodland Name: Queens Wood Reference: 1495755 Area(m²): 245788.97 Type: Ancient and Semi-Natural Woodland	A13SW (W)	116	10	528434 189042
130	Ancient Woodland Name: Queens Wood Reference: 1495754 Area(m²): 208705.66 Type: Ancient and Semi-Natural Woodland	A13SE (S)	202	10	528569 188833
131	Local Nature Reserves Name: Parkland Walk Multiple Area: Y Area (m2): 143103.64 Source: Natural England Designation Date: 1st January 1990	A13NE (N)	96	10	528560 189157
132	Local Nature Reserves Name: Queens Wood Multiple Area: N Area (m2): 210717.39 Source: Natural England Designation Date: 1st January 1990	A13SE (S)	202	10	528569 188833
133	Local Nature Reserves Name: Alexandra Palace & Park Multiple Area: N Area (m2): 626610.74 Source: Natural England Designation Date: Not Supplied	A19SW (NE)	699	10	529000 189601

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	



Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	London Borough of Haringey - Planning and Environmental Health 639 High Road, Tottenham, London, N17 8BD	Telephone: 0208 489 5183 Fax: 0208 489 5117 Website: www.haringey.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	London Borough of Haringey - Planning Department Civic Centre, 639 High Road, Tottenham, London, N17 8BD	Website: www.haringey.gov.uk
7	London Borough of Barnet - Land Charges The Town Hall, The Burroughs, Hendon, LONDON, NW4 4BQ	Telephone: 0208 3592482 Fax: 0208 3592493 Website: www.barnet.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LOFT	Lowestoft Formation	Diamicton	Not Supplied - Anglian
	DHGR	Dollis Hill Gravel Member	Sand and Gravel	Not Supplied - Cromerian
	STGR	Stanmore Gravel Formation	Sand and Gravel	Not Supplied - Pleistocene

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	CLGB	Claygate Member	Clay, Silt and Sand	Not Supplied - Ypresian
	BGS	Bagshot Formation	Sand	Not Supplied - Ypresian



Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	256
Map Name:	North London
Map Date:	2006
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

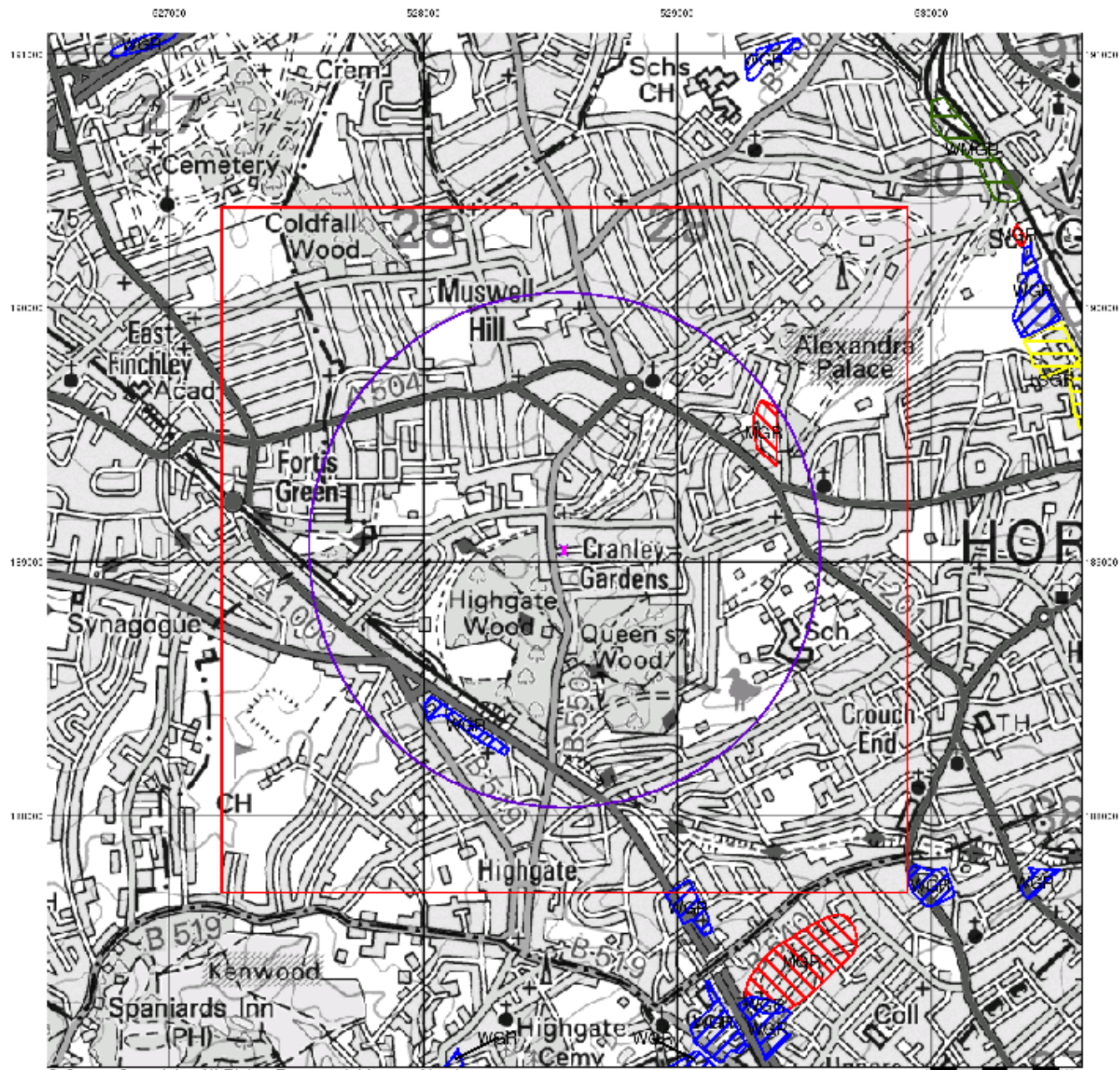
Order Number:	284476572_1_1
Customer Reference:	J21267
National Grid Reference:	528550, 189050
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details:

9, Woodland Rise, LONDON, N10 3UP



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



Artificial Ground and Landslip

Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

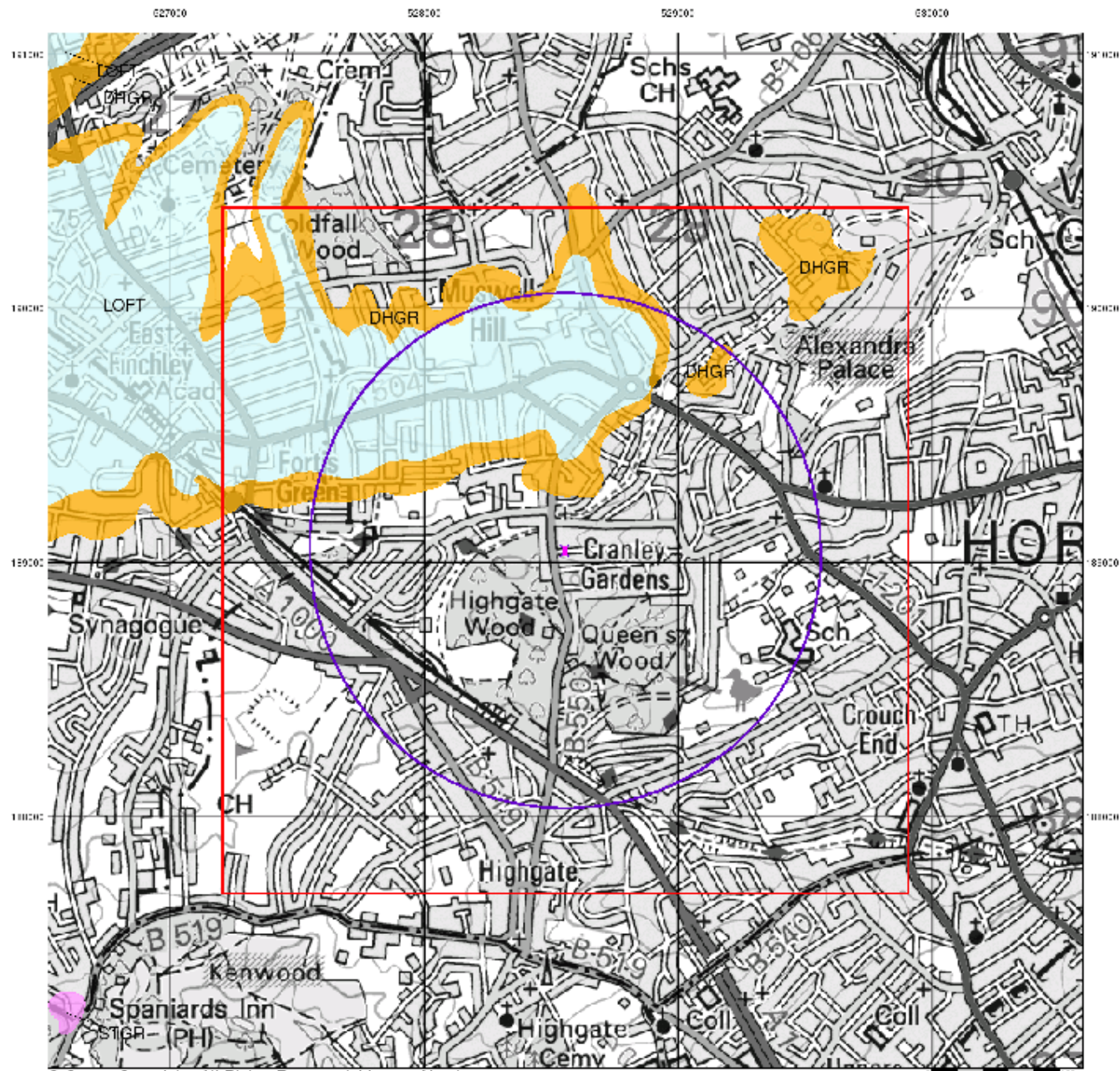
Order Number: 284476572_1_1
 Customer Reference: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details:

9, Woodland Rise, LONDON, N10 3UP



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

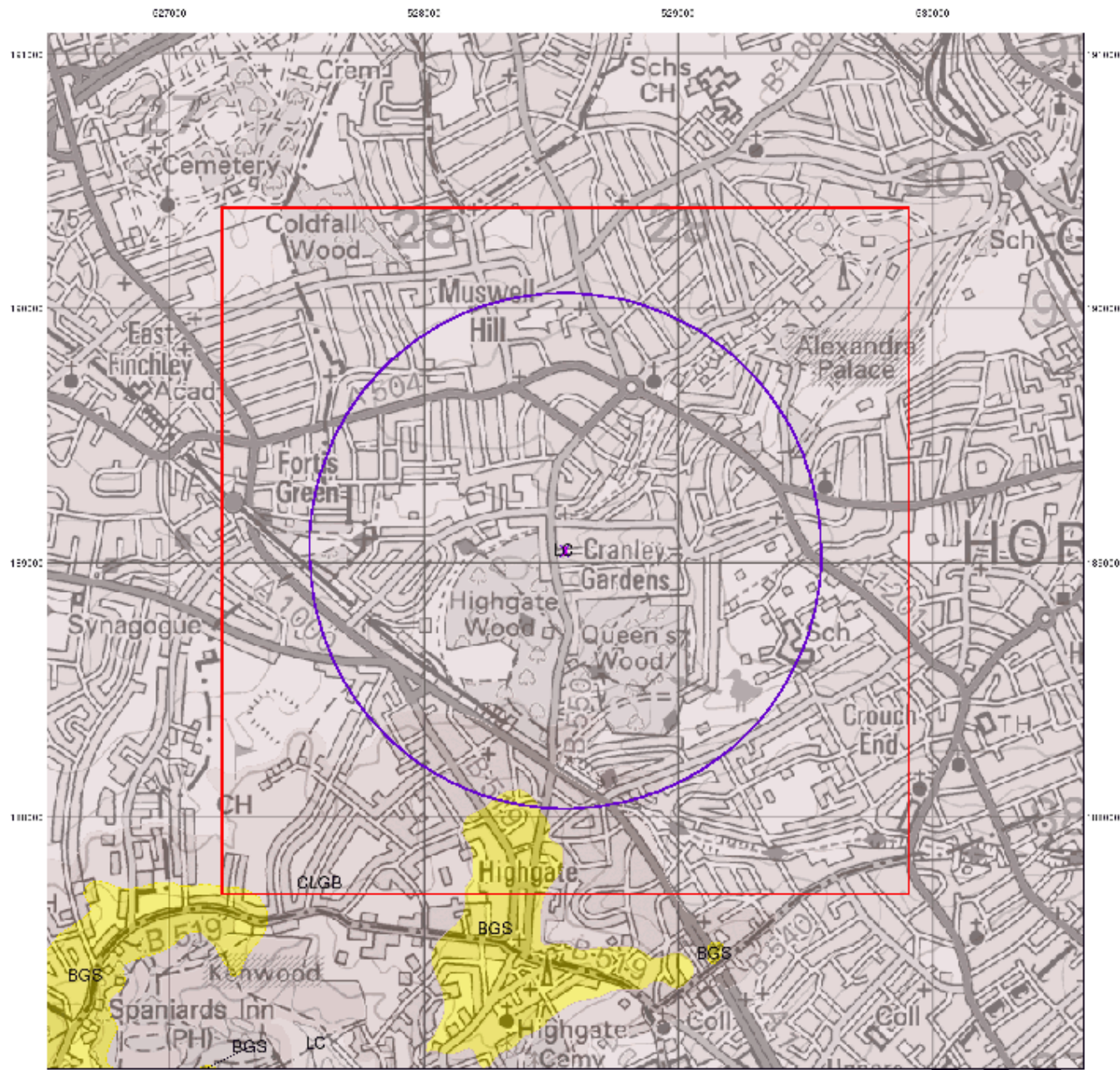
Order Number:	284476572_1_1
Customer Reference:	J21267
National Grid Reference:	528550, 189050
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details:

9, Woodland Rise, LONDON, N10 3UP



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



Bedrock and Faults

Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

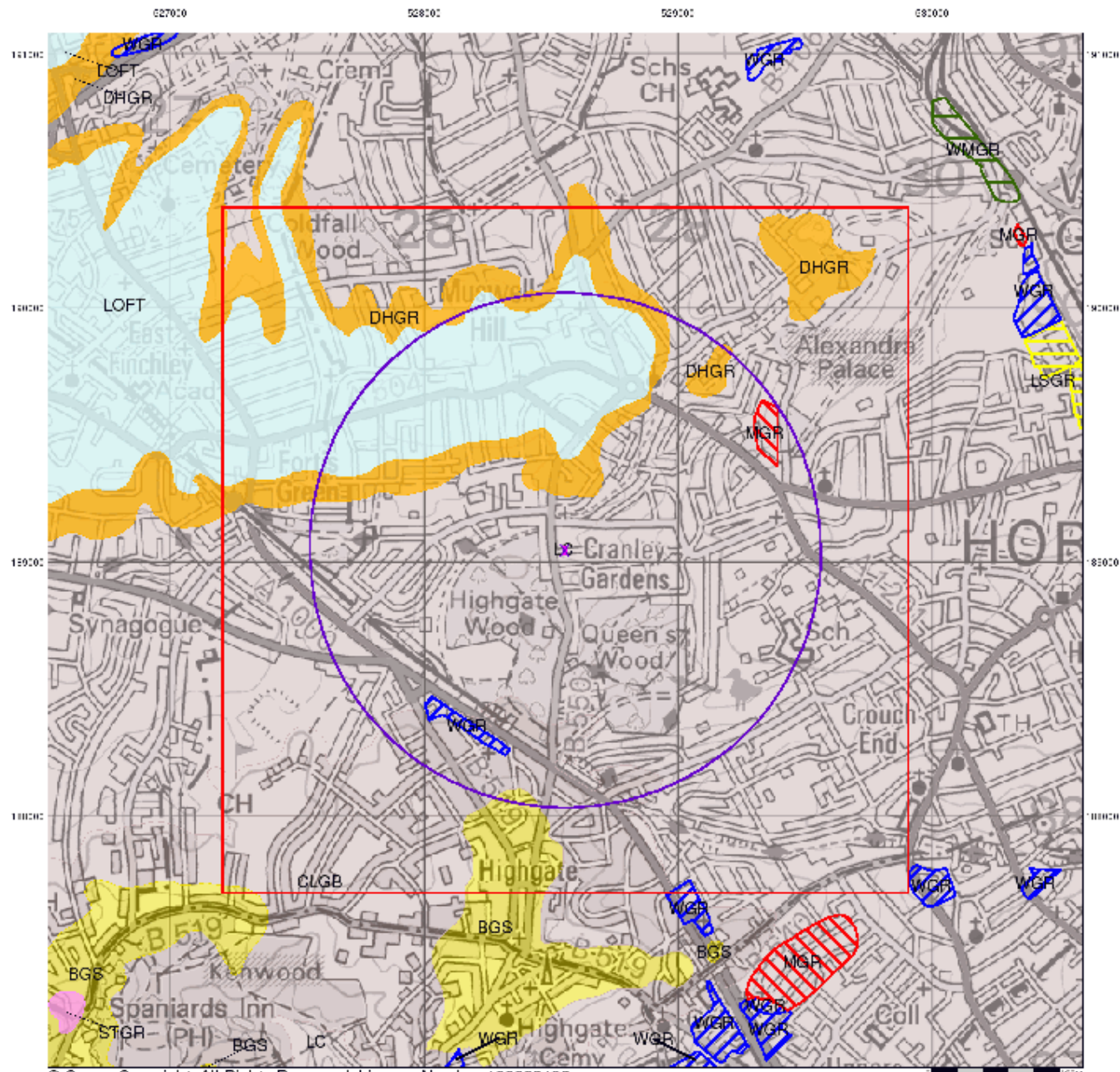
Order Number:	284476572_1_1
Customer Reference:	J21267
National Grid Reference:	528550, 189050
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details:

9, Woodland Rise, LONDON, N10 3UP



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



Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A

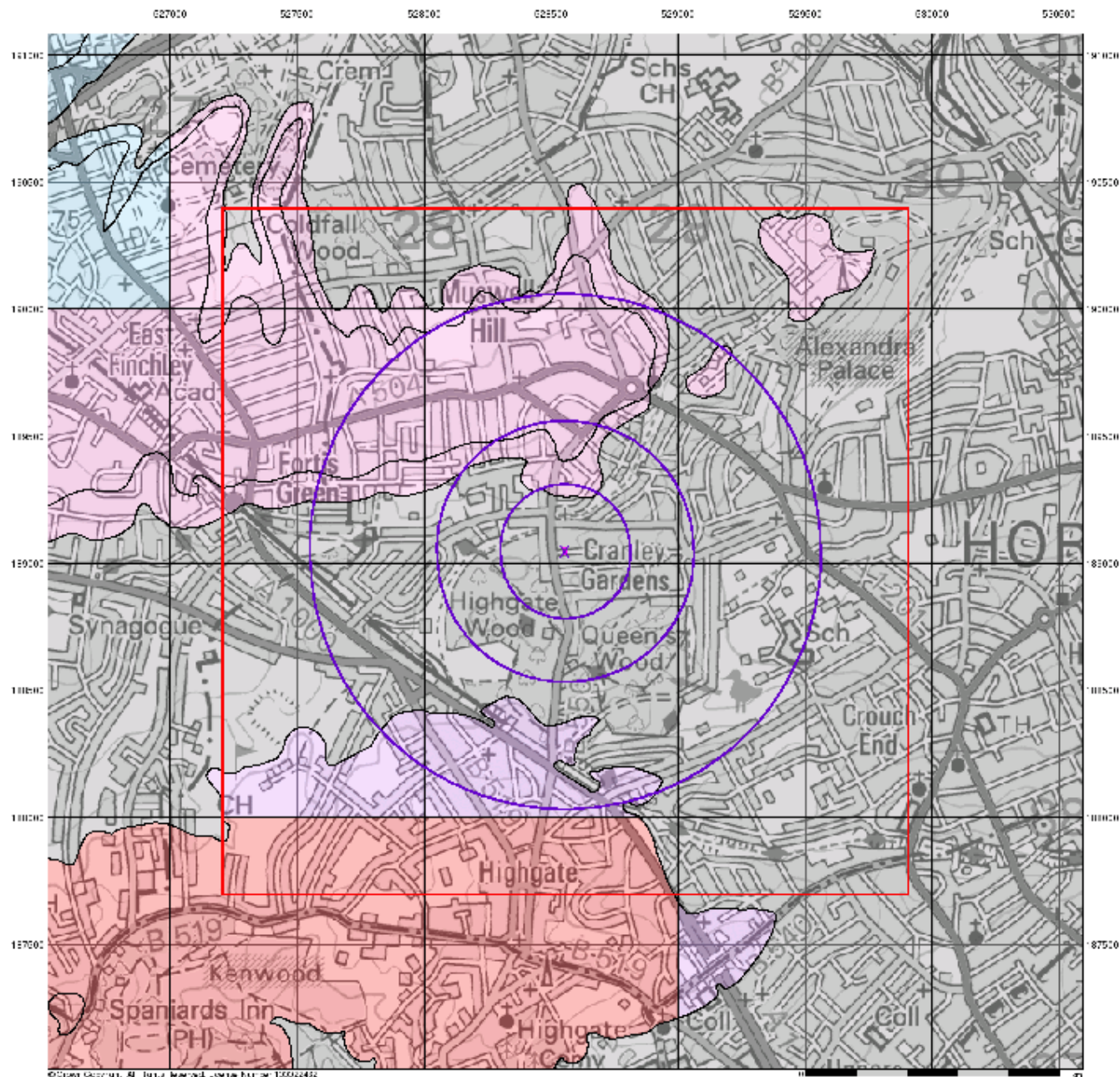


Order Details:

Order Number:	284476572_1_1
Customer Reference:	J21267
National Grid Reference:	528550, 189050
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details:

9, Woodland Rise, LONDON, N10 3UP



Groundwater Vulnerability

General

- Site Boundary
- Site
- Electrode Buffer (m)
- Search Buffer (m)
- Electrode Buffer Point

Agency and Hydrological

Bedrock Aquifers

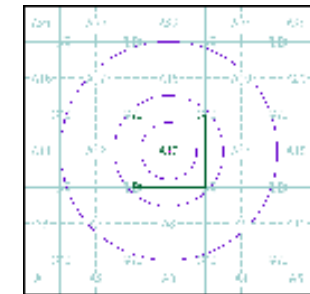
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Stable Rock

Site Sensitivity Context Map - Slice A



Order Details

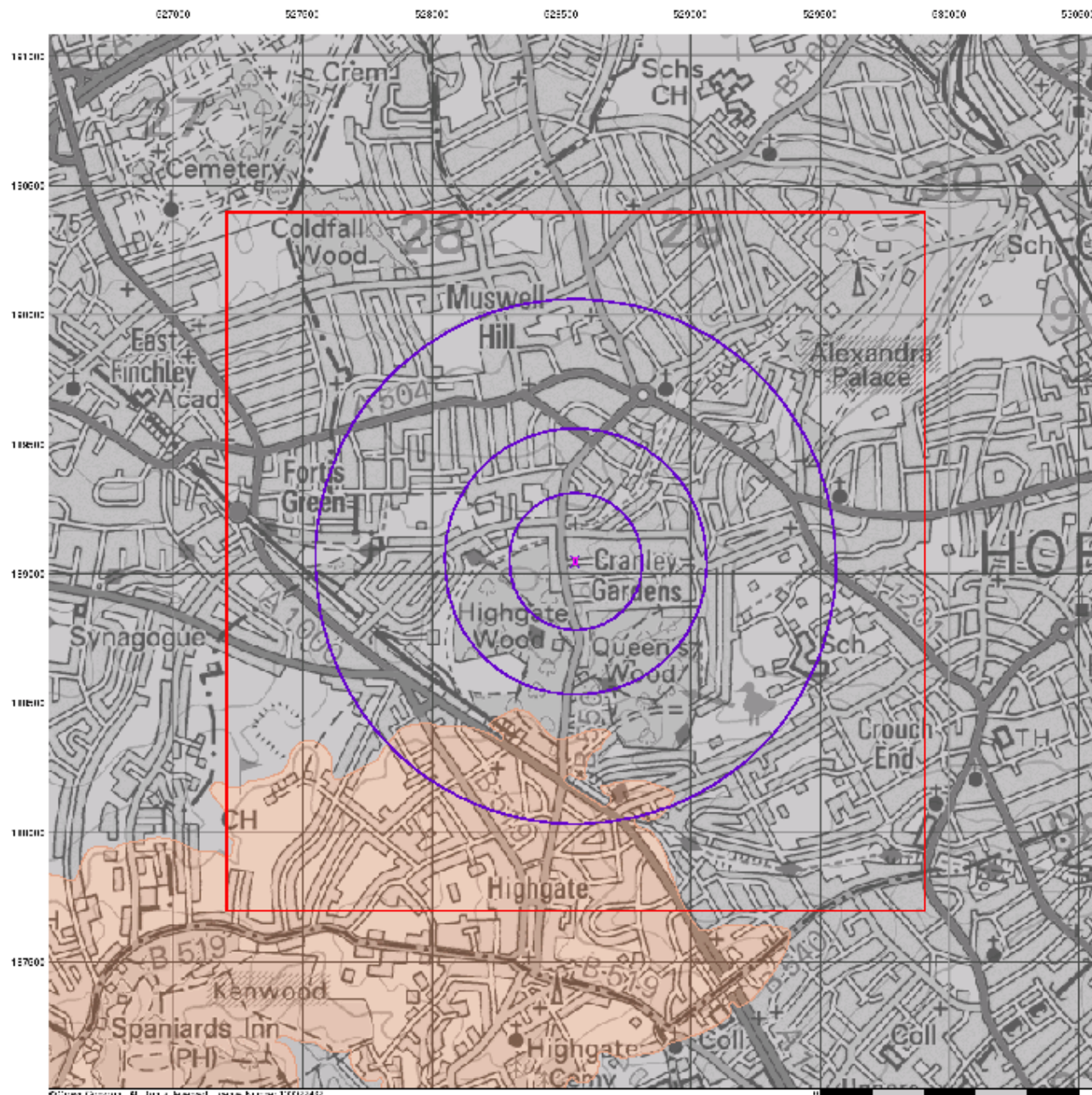
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Bedrock Aquifer Designation

General

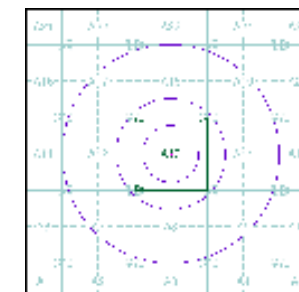
- Boundary Line
- Site
- Electrode Buffer (m)
- Electrode
- Boring Reference Point

Agency and Hydrological

Geological Classes

- Prime Aquifer
- Secondary Aquifer
- Secondary Aquifer
- Secondary and Tertiary
- Unproductive Strata
- Unknown
- Unknown (Access and Land Use)

Site Sensitivity Context Map - Slice A



Order Details

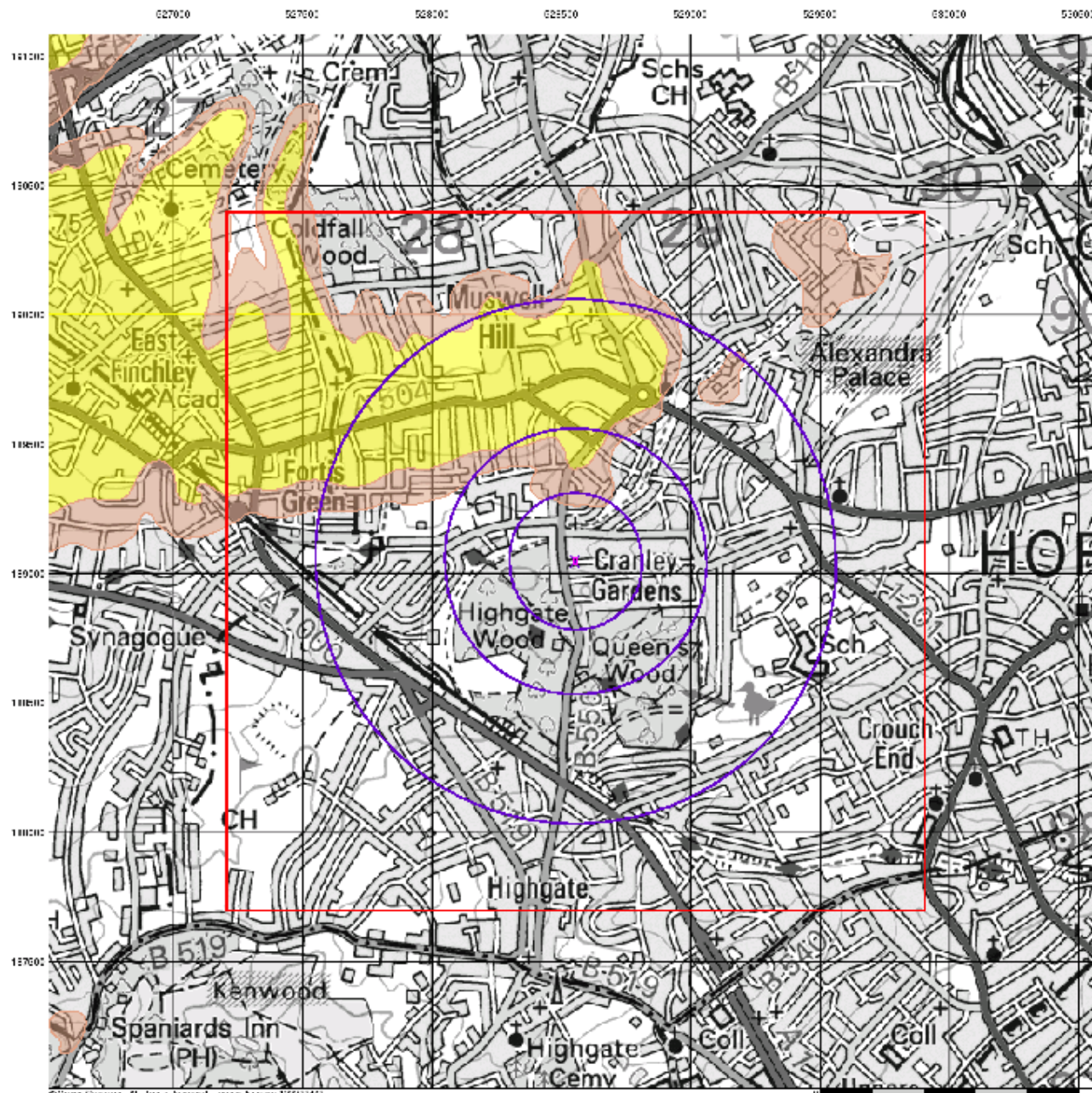
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Superficial Aquifer Designation

General

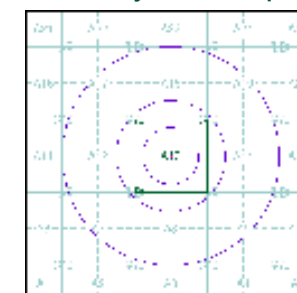
- Boundary of Site
- Site
- Search Buffer (m)
- Slice
- Boring Reference Point

Agency and Hydrological

Geological Classes

- Primary Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary and Interbedded
- Unproductive Strata
- Unknown
- Unknown (lakes and land slip)

Site Sensitivity Context Map - Slice A

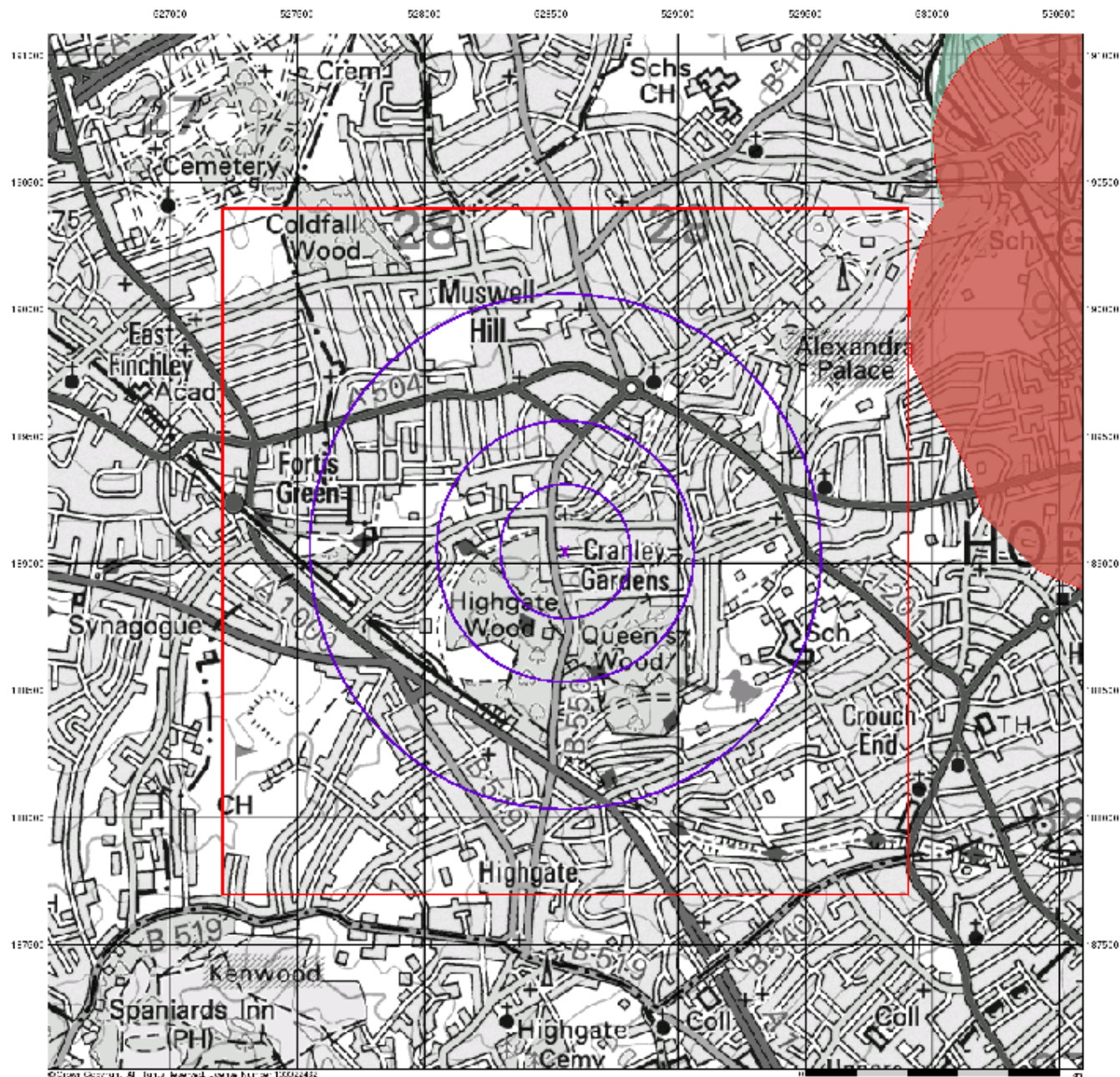


Order Details

Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



Source Protection Zones

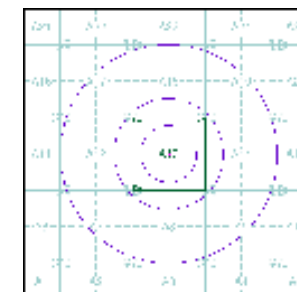
General

- Drinking Water
- Drinking Water
- Site
- Buffer
- Drinking Water Point

Agency and Hydrological

- Flood (1 in 100)
- Flood (1 in 100) (1 in 100)
- Flood (1 in 100) (1 in 100)
- Flood (1 in 100) (1 in 100)
- Flood (1 in 100) (1 in 100)
- Flood (1 in 100) (1 in 100)
- Flood (1 in 100) (1 in 100)

Site Sensitivity Context Map - Slice A



Order Details

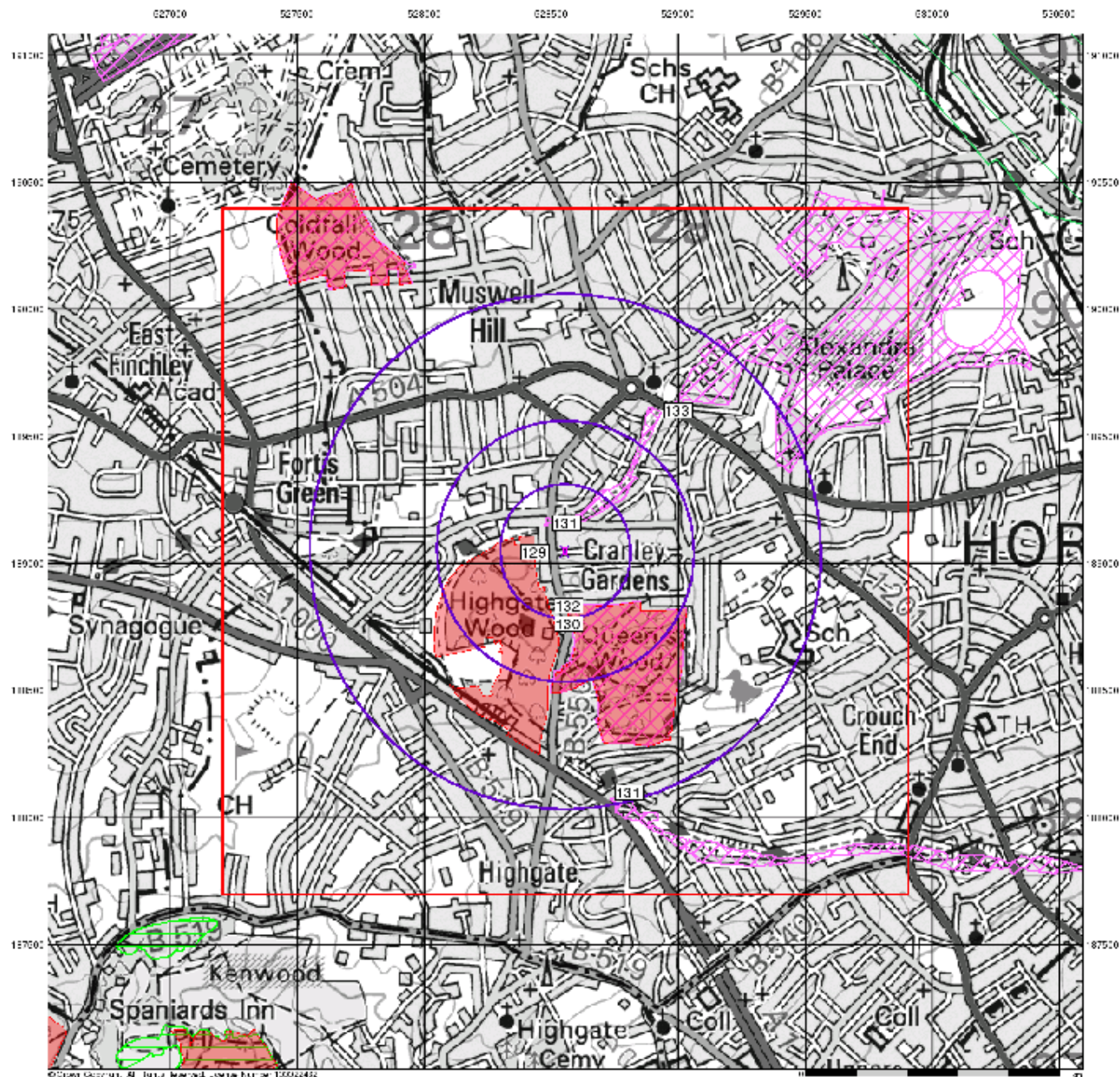
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Sensitive Land Uses

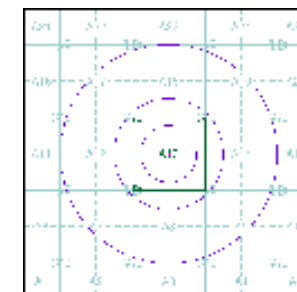
General

-  **Forward:**  **Backward:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:**  **Up:**  **Down:**  **Right:**  **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:** **Left:** **Up:** **Down:** **Right:**

Sensitive Land Uses

- | | | | |
|---|---------------------------|---|---------------------|
|  | American Woodland |  | various Pine |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |
|  | Forest of Decid Green and |  | various Decid Green |

Site Sensitivity Context Map - Slice A



Order Details

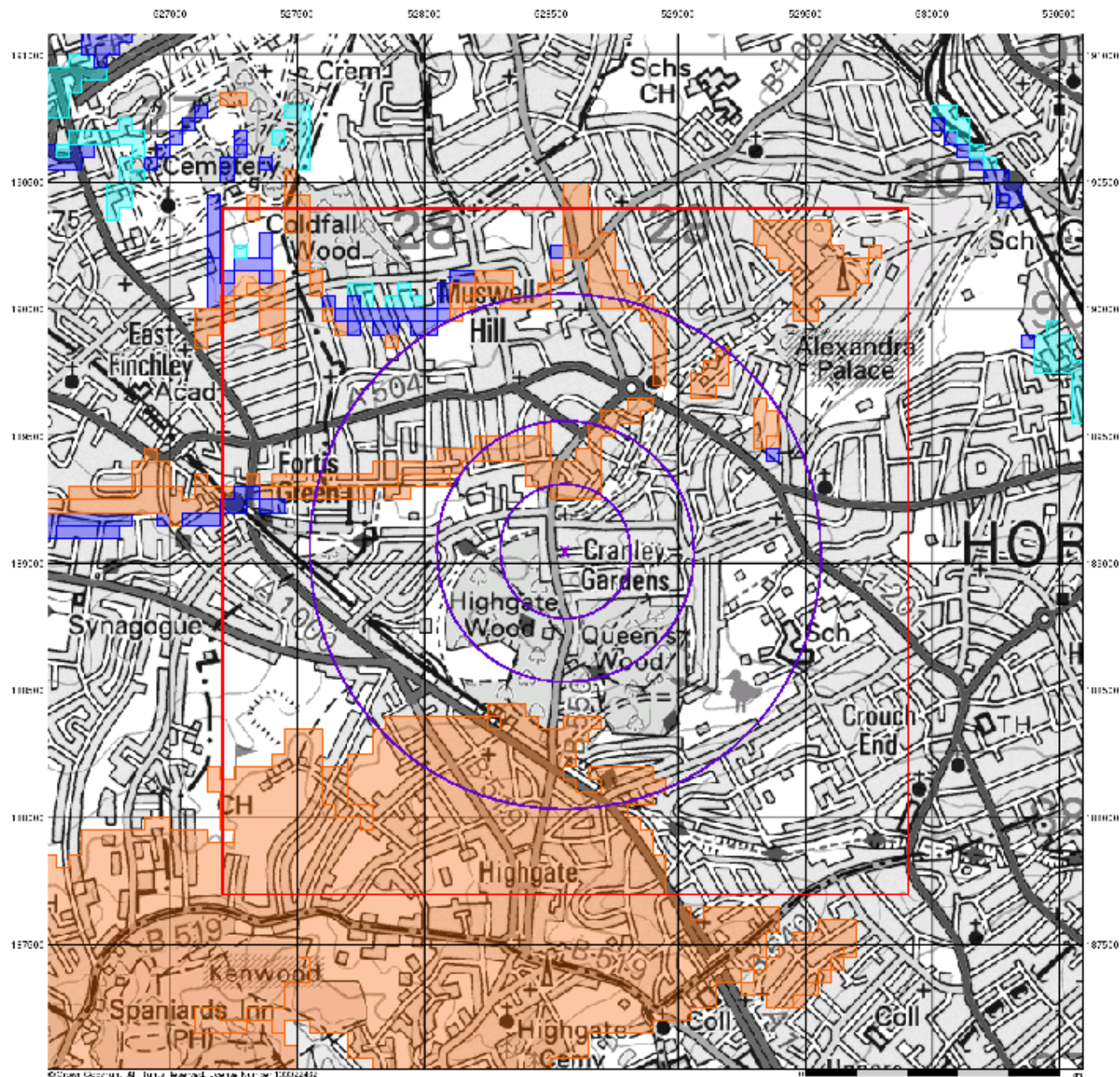
Order Number:	284476572_1_1
Customer Ref:	J21267
National Grid Reference:	528550, 189050
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details

9, Woodland Rise, LONDON, N10 3UP

Landmark
INNOVATION 230.0

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



BGS Flood GFS Data

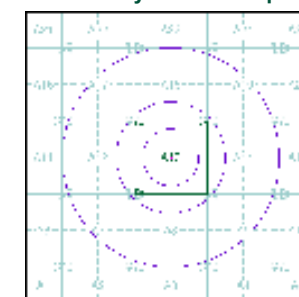
General

- Boundary ID
- Search Buffer ID
- Elevation Point
- Slice

Agency and Hydrological (Flood)

- Under Potential for Groundwater Flooding - General
- Potential for Groundwater Flooding of Tunnels Shallow Below Ground Level
- Potential for Groundwater Flooding - General Surface

Site Sensitivity Context Map - Slice A



Order Details

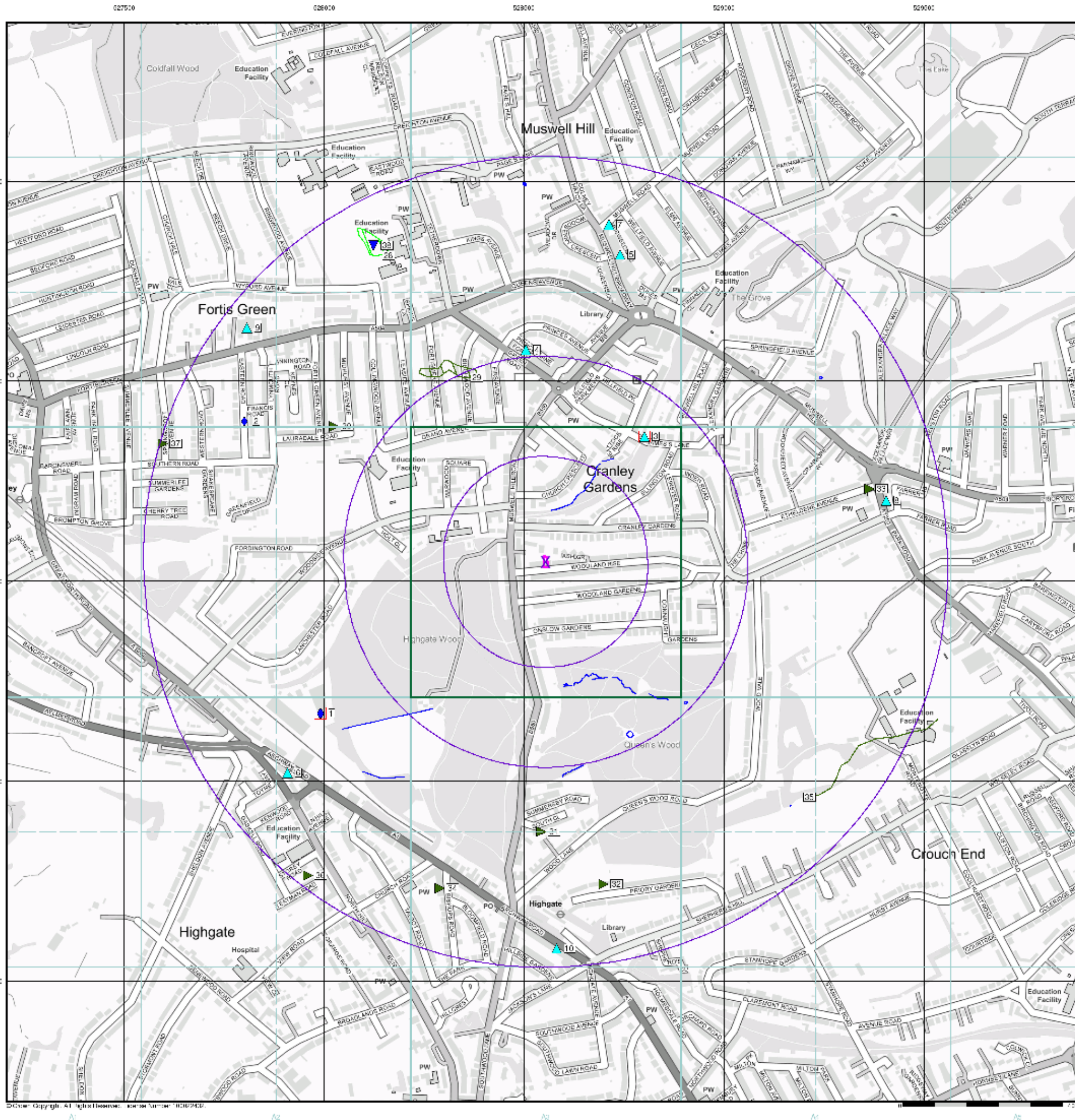
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



General

-  Open in New Tab
  Open in Full Screen
  Close
  Print
  Share

Agency and Hydrological

- [illegible]

Waste

-  Yellow Diamond Landfill Site (Yellow Diamond)
-  Red Line Landfill Site
-  Brown Diamond Landfill (Brown Diamond)
-  Orange Diamond Landfill (Orange Diamond)
-  Mountain View Landfill (Mountain View)
-  Mountain View Landfill (Mountain View)
-  Red Diamond Landfill (Red Diamond)
-  Red Diamond Landfill (Red Diamond)
-  Red Diamond Landfill (Red Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)
-  Green Diamond Landfill (Green Diamond)

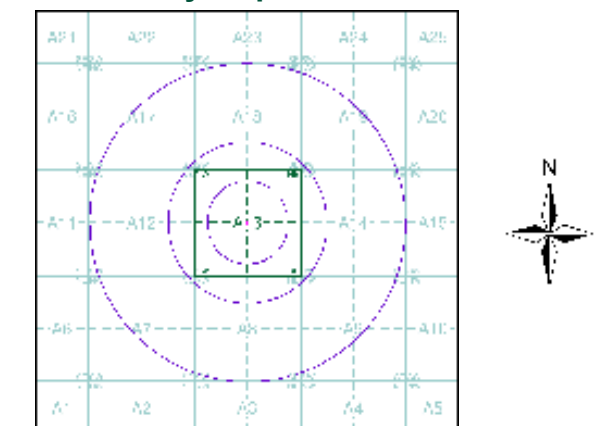
Hazardous Substances

- Durable Care Expedient Care
- High Cost
- Financially Inexpensive & Economically Constrained

Geological

- ▼ [Show/Hide Manual Table of Contents](#)

Site Sensitivity Map - Slice A



Order Details

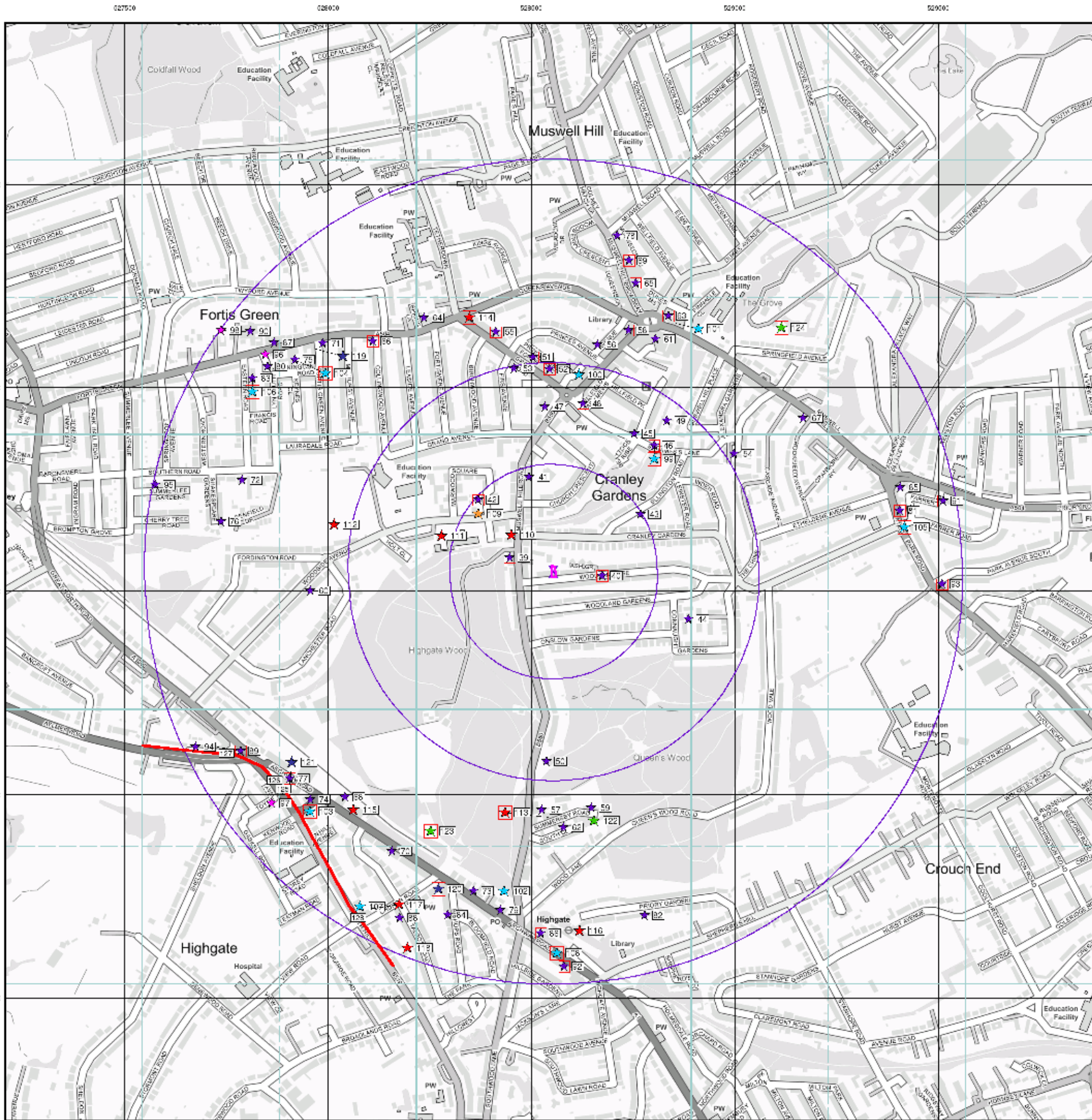
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP

Landmark
INFORMATION GROUP

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



Industrial Land Use Map

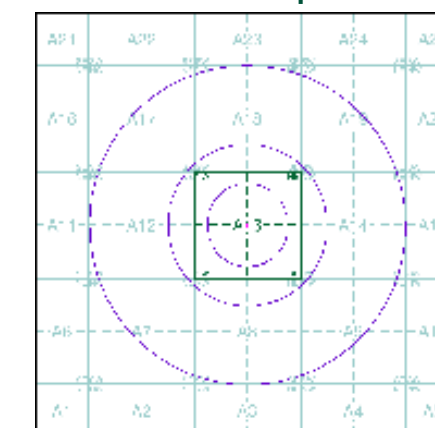
General

- Point of Interest
- Specified Building
- Beating Reference Point
- Site
- Map ID

Industrial Land Use

- Points of Interest - Trade/Health - Pub
- Points of Interest - Pub
- 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 - Recreation and Amusement
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

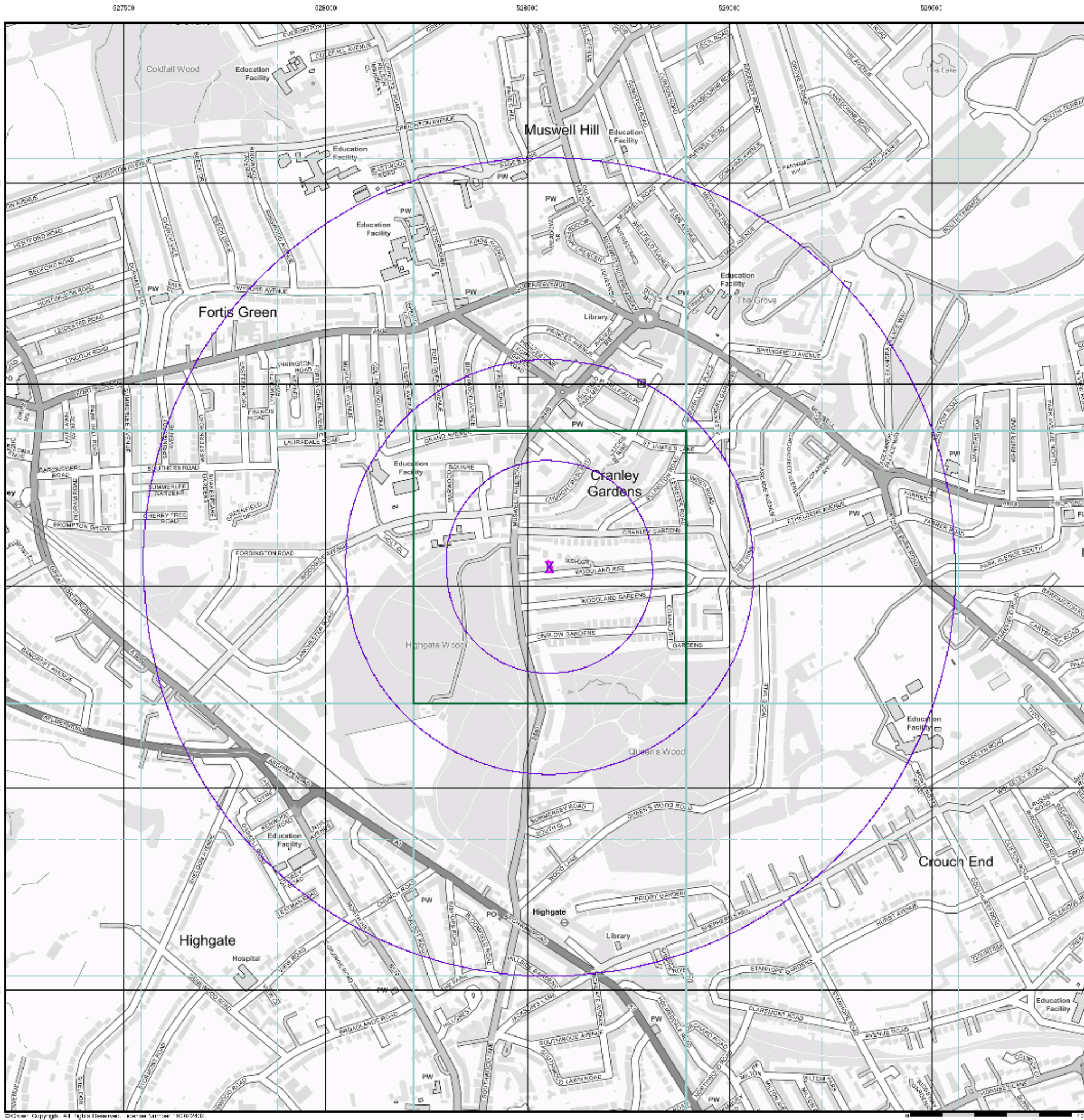
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



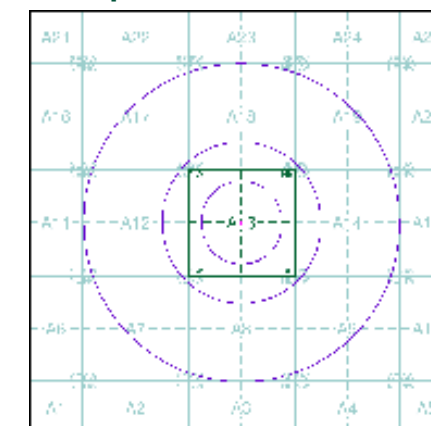
General

- Structure
- Search Buffer
- Property Boundary

Agency and Hydrological (Flood)

- Flooded From the River or Sea without Defences (Zone 1)
- Flooded From the River or Sea without Defences (Zone 2)
- Areas Requiring Flood Defences
- Flood Risk Along Roads
- Flood Defence

Flood Map - Slice A



Order Details

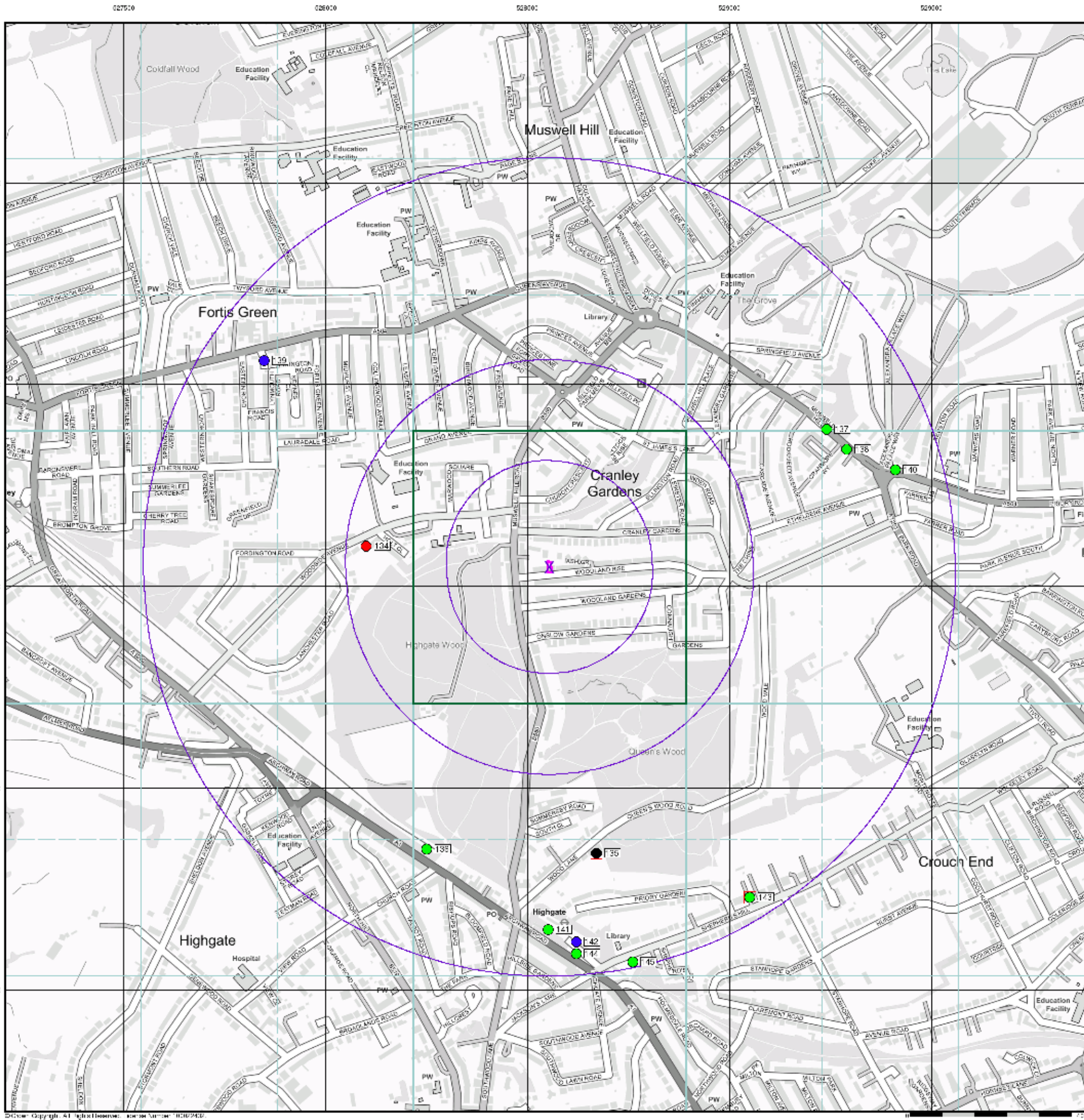
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



General

- 100m Search Buffer
- 250m Search Buffer
- 500m Search Buffer
- X Borehole Location
- Map 1
- | Boundary of Local Authority

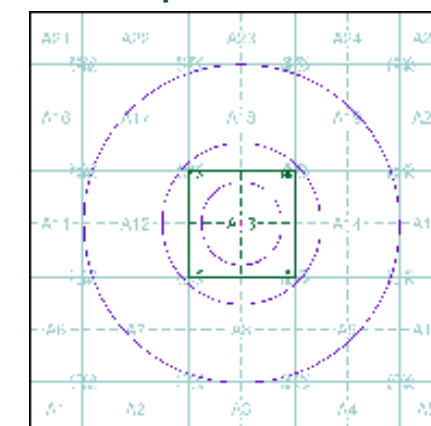
Agency and Hydrological (Boreholes)

- MFL Borehole
- MFL Borehole
- MFL Borehole
- Other
- 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

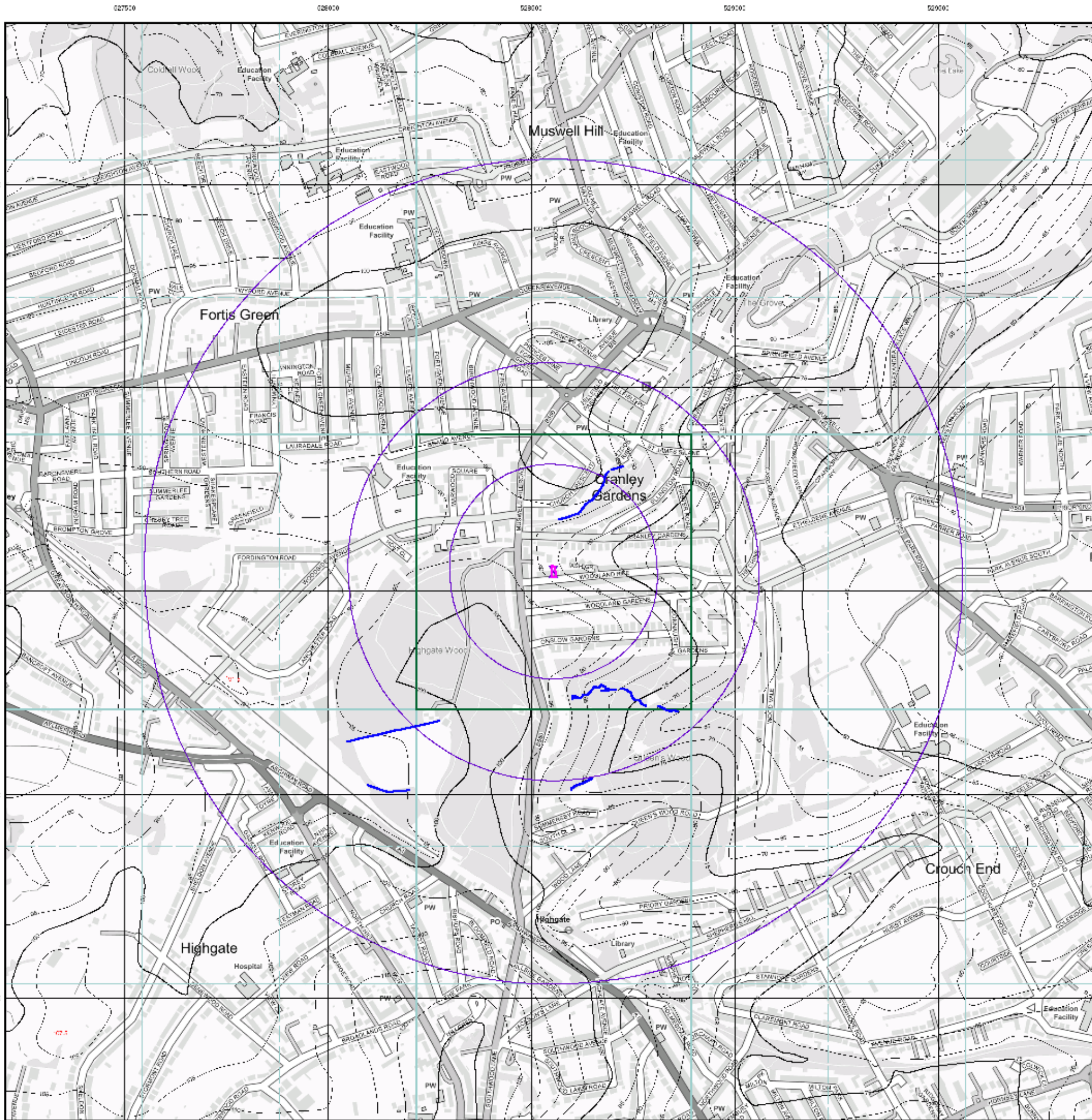
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



General

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

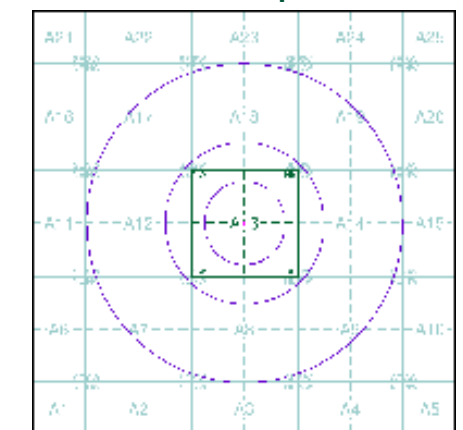
OS Water Network Data

- | | |
|--------------|--------------------------|
| Canal | Drain |
| Reservoir | Other |
| Forestream | Lake |
| Mash | Transfer |
| Tidal River | Lock Or Flight Off Locks |
| Inland River | Sea |

Contours (height in meters)

- | | |
|------------------|-----------------|
| Standard Contour | Mean Low Water |
| Master Contour | Mean High Water |
| Spot Height | |

OS Water Network Map - Slice A



Order Details

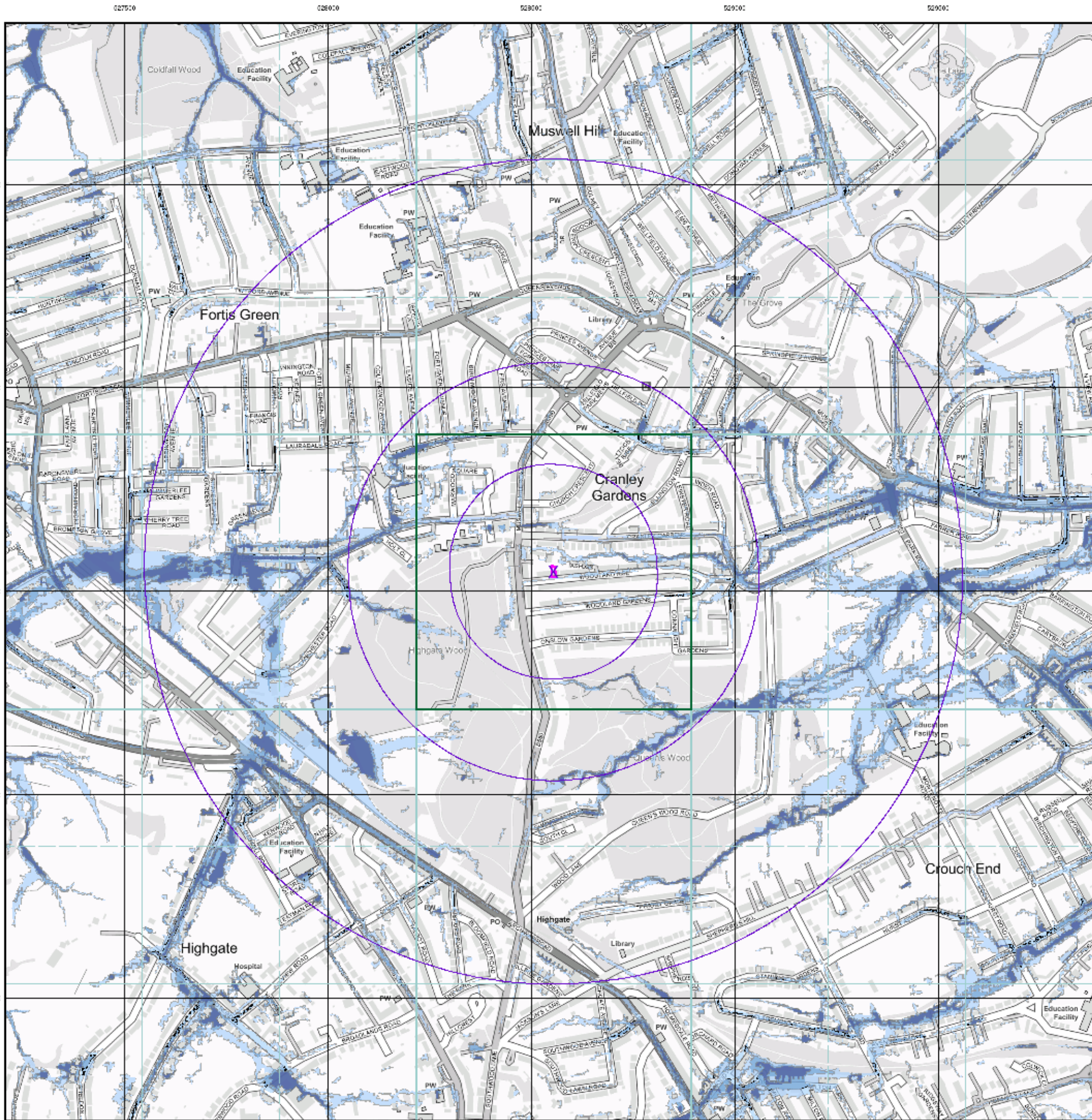
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



General

- Search Buffer
- Search Buffer
- Search Buffer

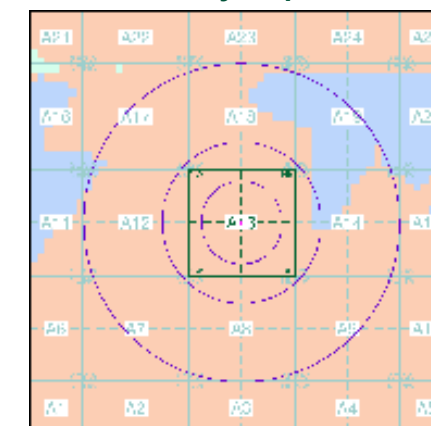
Risk of Flooding from Surface Water

- High - 50 Year Return Period
- Medium - 100 Year Return Period
- Low - 100 Year Return Period

Suitability

- Very Low Suitability
- Low Suitability
- Medium Suitability
- High Suitability
- Very High Suitability
- Unsuitable

EA/NRW Suitability Map - Slice A



Order Details

Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

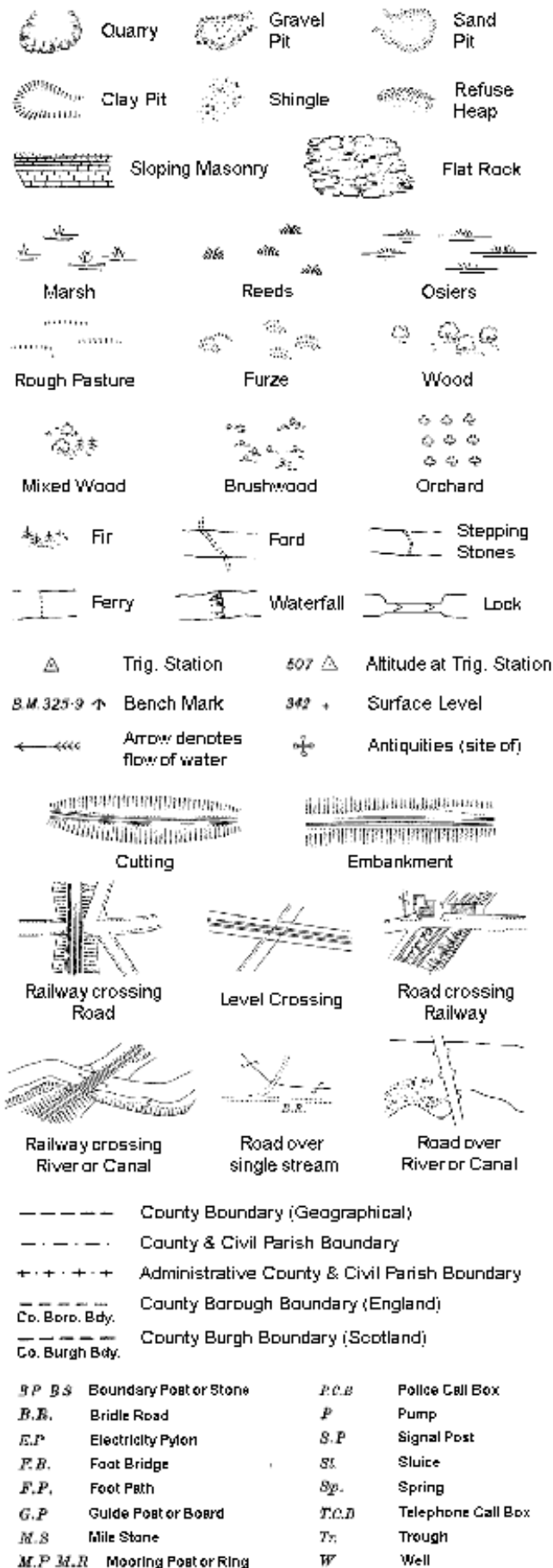
9, Woodland Rise, LONDON, N10 3UP



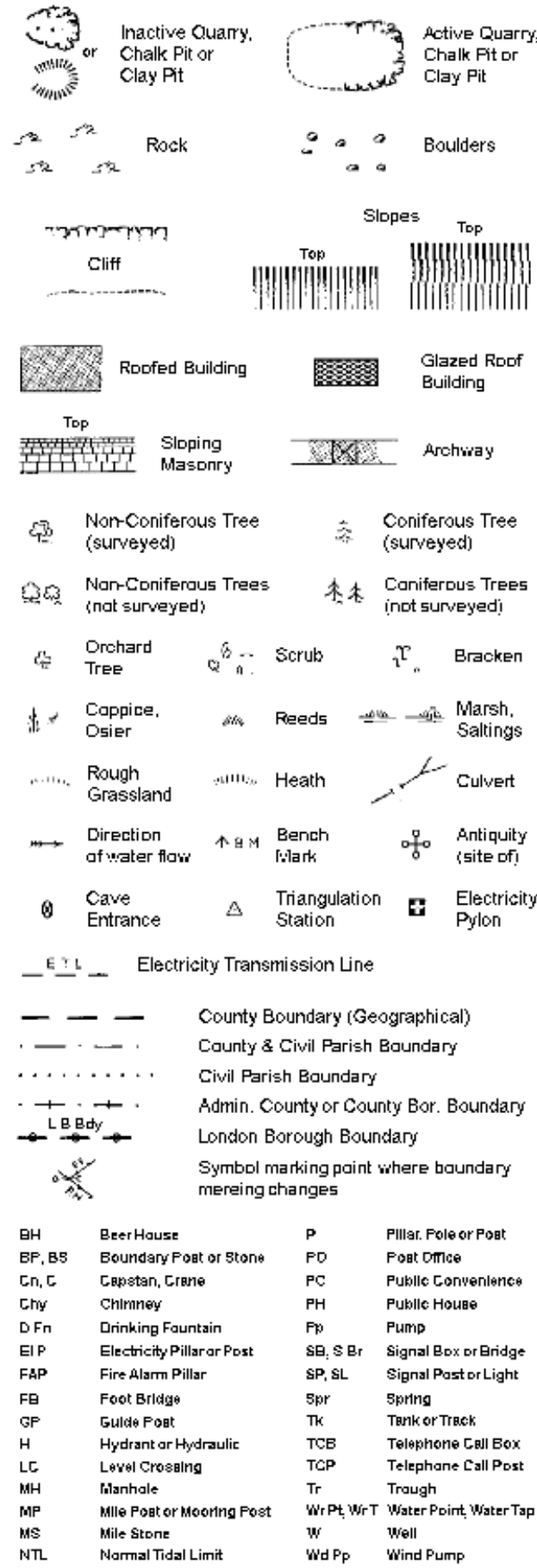
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

Historical Mapping Legends

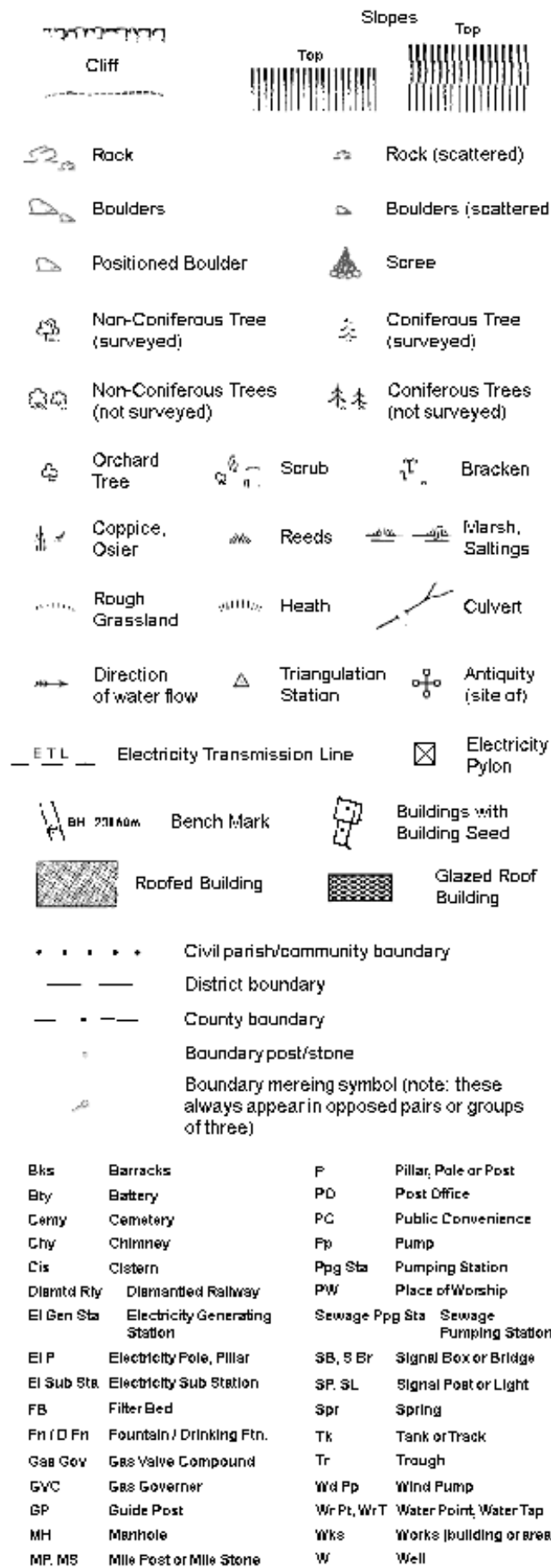
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



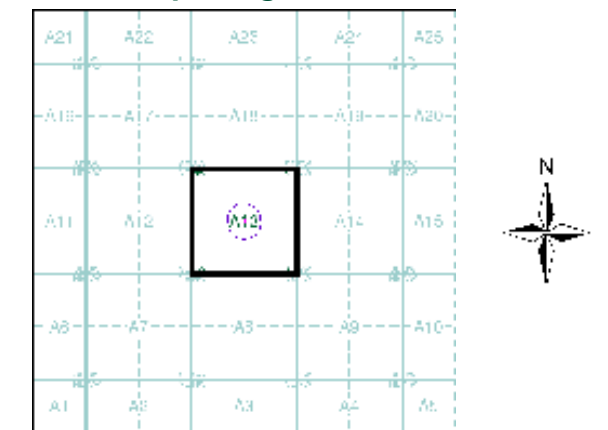
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:2,500	1864	2
London	1:2,500	1896	3
Middlesex	1:2,500	1913	4
Middlesex	1:2,500	1935	5
Ordnance Survey Plan	1:1,250	1951	6
Additional SIMs	1:1,250	1951 - 1979	7
Ordnance Survey Plan	1:2,500	1952	8
Ordnance Survey Plan	1:1,250	1966 - 1973	9
Ordnance Survey Plan	1:2,500	1970	10
Supply of Unpublished Survey Information	1:1,250	1974	11
Ordnance Survey Plan	1:1,250	1979	12
Additional SIMs	1:1,250	1983	13
Large-Scale National Grid Data	1:1,250	1991	14
Historical Aerial Photography	1:2,500	1999	15

Historical Map - Segment A13



Order Details

Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Borough Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Police Station
	Ch Church		Post Office
	CH Club House		Public Convenience
	F E Sta Fire Engine Station		Public House
	FB Foot Bridge		Signal Box
	Fn Fountain		Spring
	GP Guide Post		Telephone Call Box
	MP Mile Post		Telephone Call Post
	MS Mile Stone		Well

1:10,000 Raster Mapping

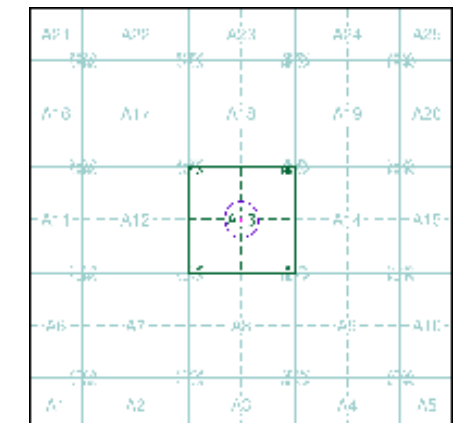
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1873	3
Middlesex	1:10,560	1879	4
London	1:10,560	1896	5
Essex	1:10,560	1920	6
London	1:10,560	1920	7
Middlesex	1:10,560	1936	8
Middlesex	1:10,560	1938	9
Essex	1:10,560	1938	10
Historical Aerial Photography	1:10,560	1949 - 1950	11
Ordnance Survey Plan	1:10,000	1951	12
Ordnance Survey Plan	1:10,000	1958	13
Ordnance Survey Plan	1:10,000	1962 - 1968	14
Ordnance Survey Plan	1:10,000	1973 - 1976	15
Ordnance Survey Plan	1:10,000	1981	16
London	1:25,000	1985	17
Ordnance Survey Plan	1:10,000	1989	18
Ordnance Survey Plan	1:10,000	1996	19
10K Raster Mapping	1:10,000	1999	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2021	22

Historical Map - Slice A



Order Details

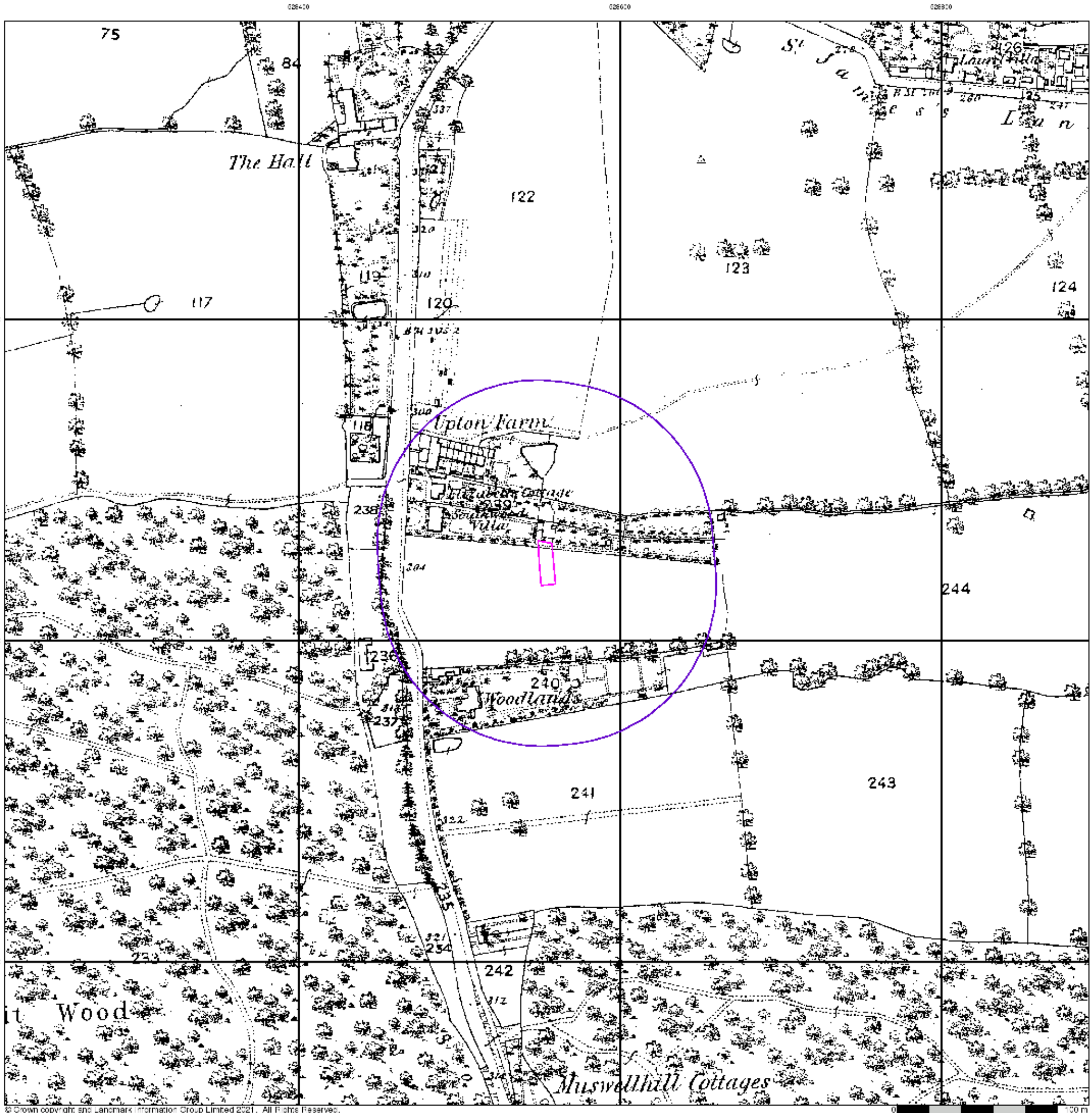
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



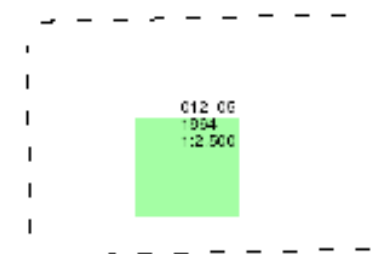
Middlesex

Published 1864

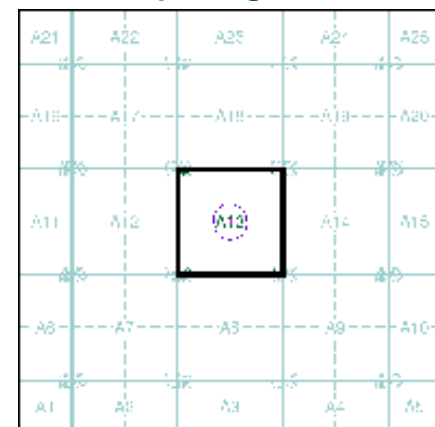
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

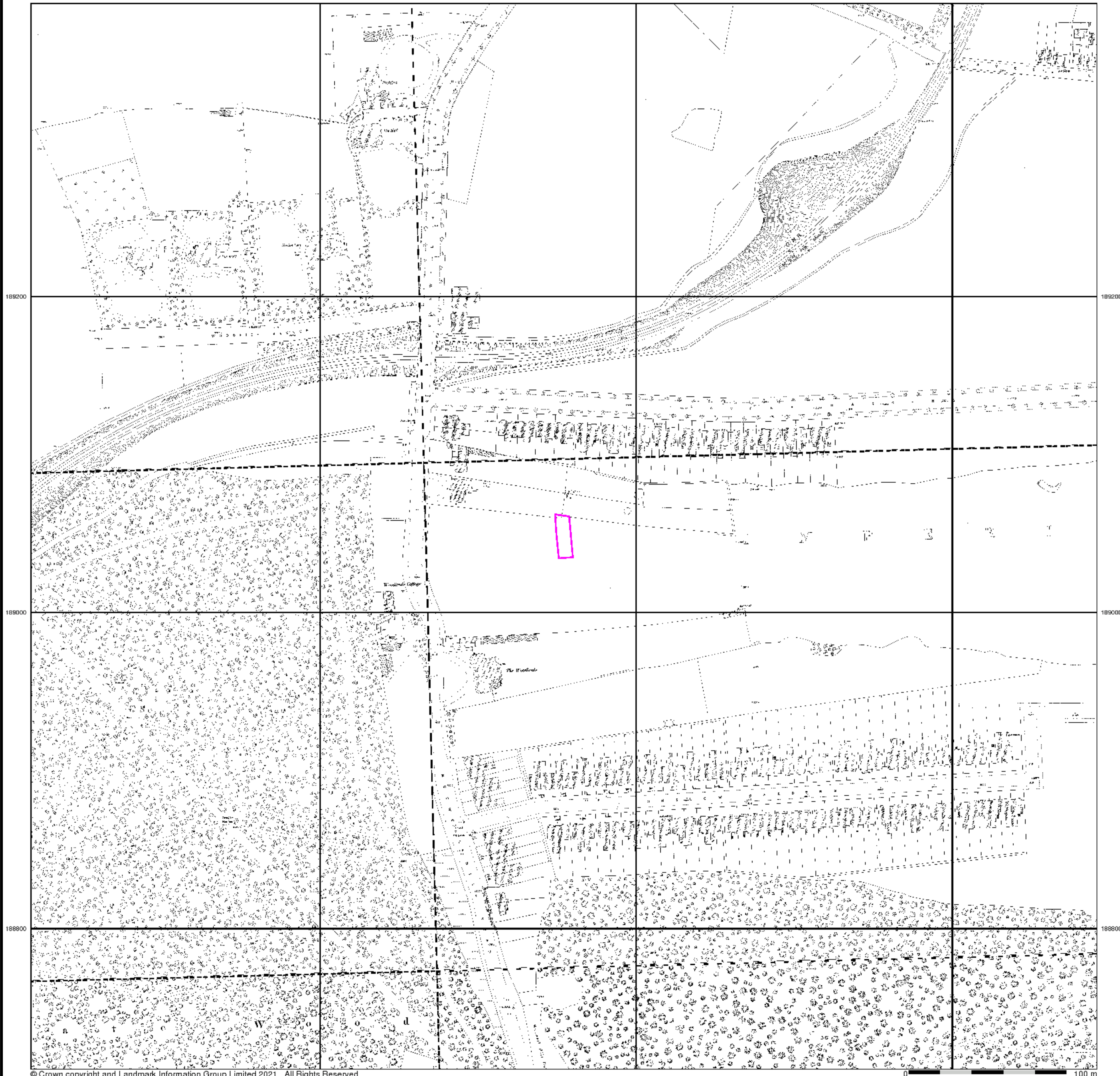
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Middlesex

Published 1894

Source map scale - 1:528

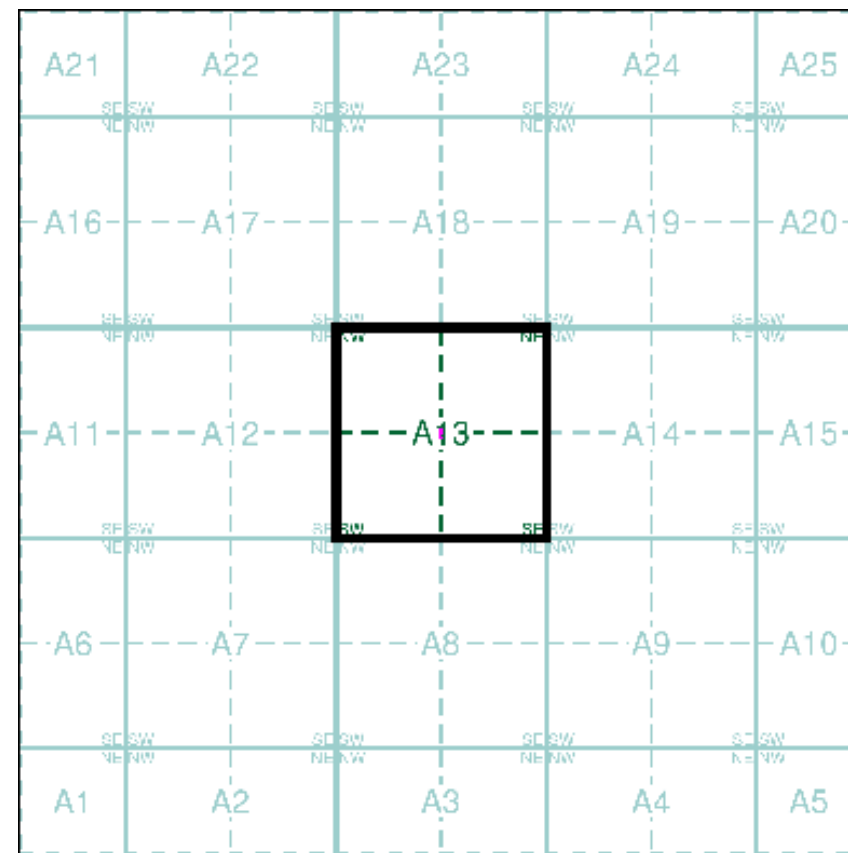
The 1:528 scale Ordnance Survey mapping was adopted in 1850 as an alternative to the 1:1056 scale, that had been deemed to be inadequate for sanitary planning, which had come very much to the fore following the passing of the Public Health Act of 1948. Around 29 towns in England and Wales were surveyed at this scale, the bulk of which were undertaken between 1850 and 1855. These were predominantly towns that were outside the areas being surveyed at 1:10,560 or 1:2500 scale. As well as showing the details characteristic of the later 1:500 plans, they show features of sanitary interest such as privies, taps, cow houses, cess pits, brew and bake houses and cart sheds and stables.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

03_00_031_041_00_032_SV	1894	1:528
03_00_041_042_00_042_NV	1894	1:528
03_00_041_042_00_042_SV	1894	1:528

Historical Town Plan - Segment A13

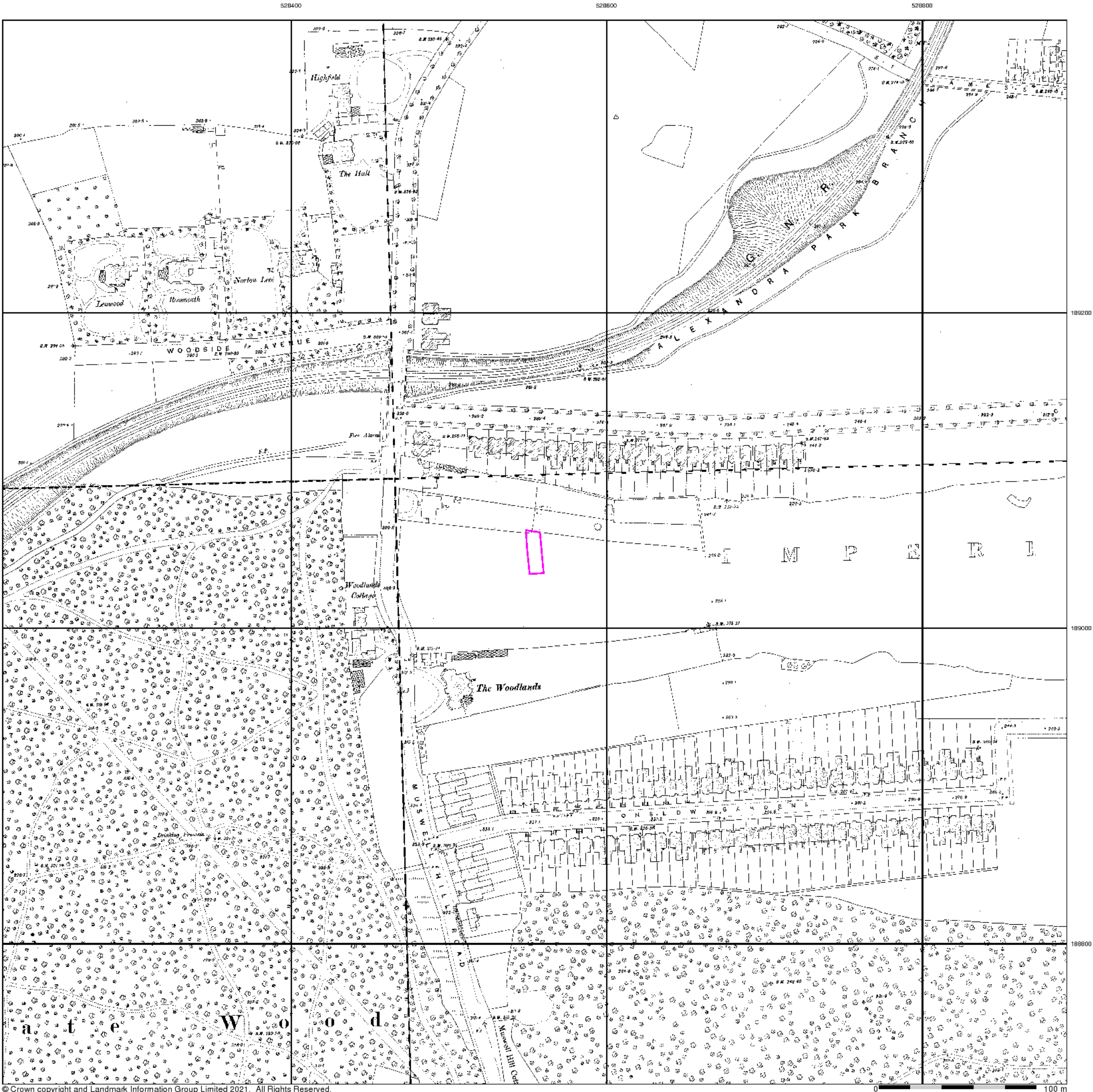


Order Details

Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 0

Site Details

9, Woodland Rise, LONDON, N10 3UP



London

Published 1895

Source map scale - 1:1,056

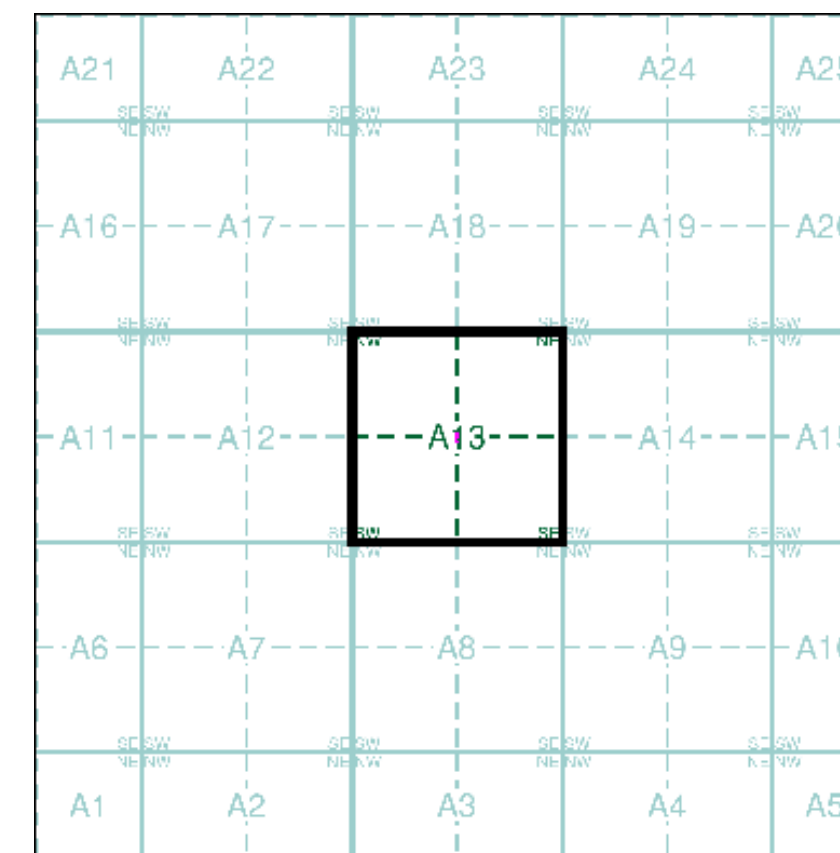
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, frontages and altitudes, was undertaken between 1848 and 1850. The majority of the 1:1056 surveys were later replaced by 1:500 surveys; although almost all the remainder were revised at this scale, sometimes more than once before 1895. The type of detail shown on the 1:1056 scale is broadly similar to that on 1:500; the apparent omission of minor details such as sewer access points and street lights may be as much a reflection of the generally earlier date of these plans, as of the specification of the map.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

003_00_031	003_00_032
1895	1895
1:1,056	1:1,056
003_00_041	003_00_042
1895	1895
1:1,056	1:1,056

Historical Town Plan - Segment A13



Order Details

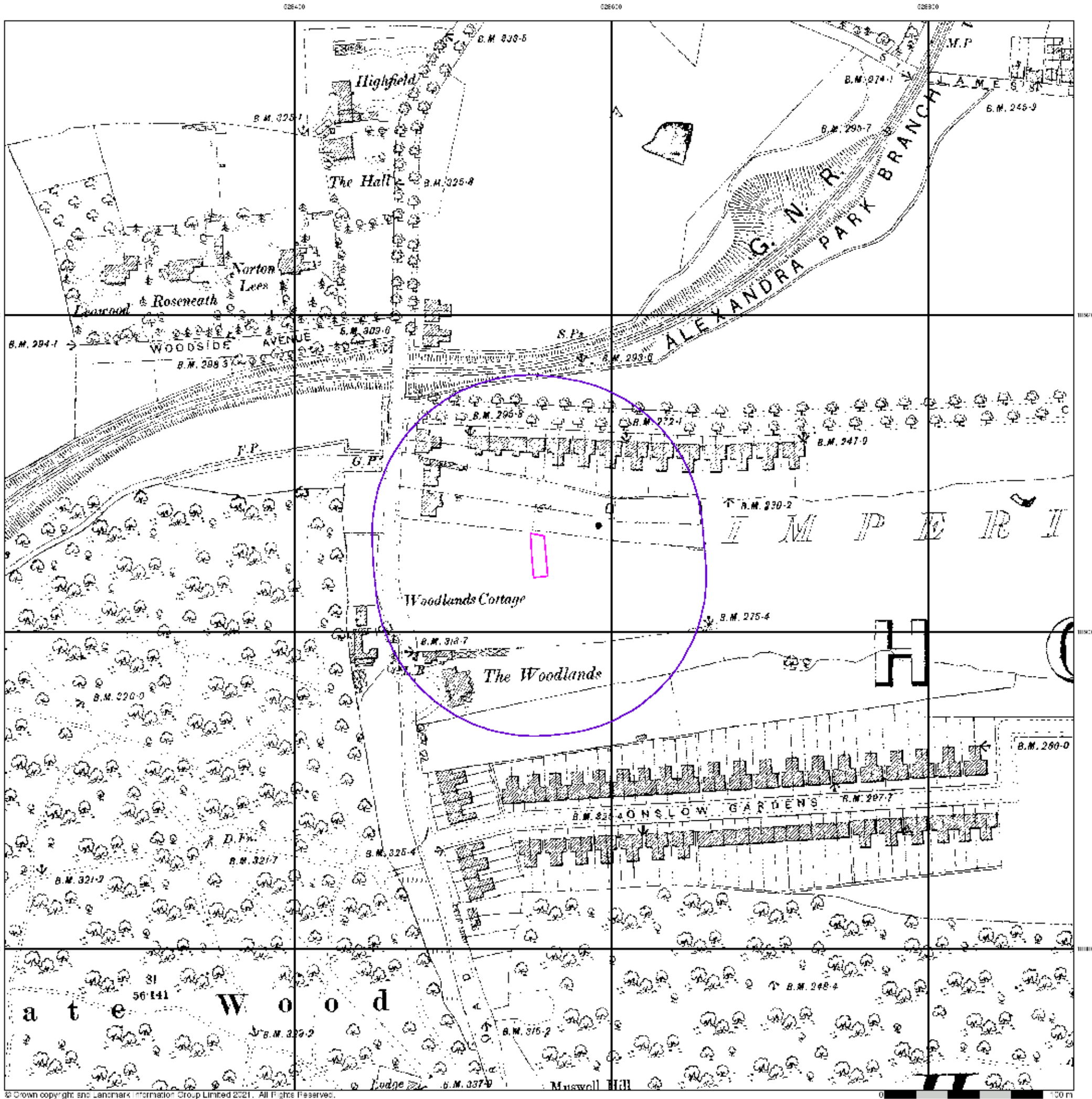
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 0

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



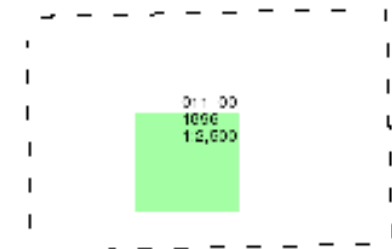
London

Published 1896

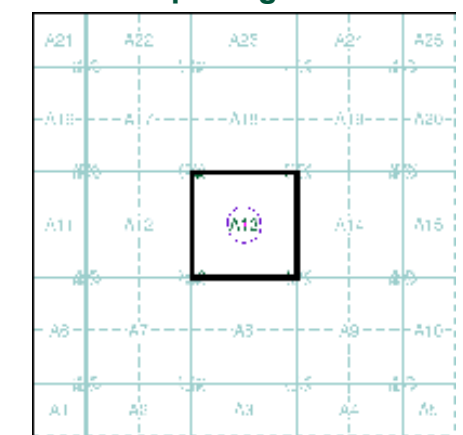
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

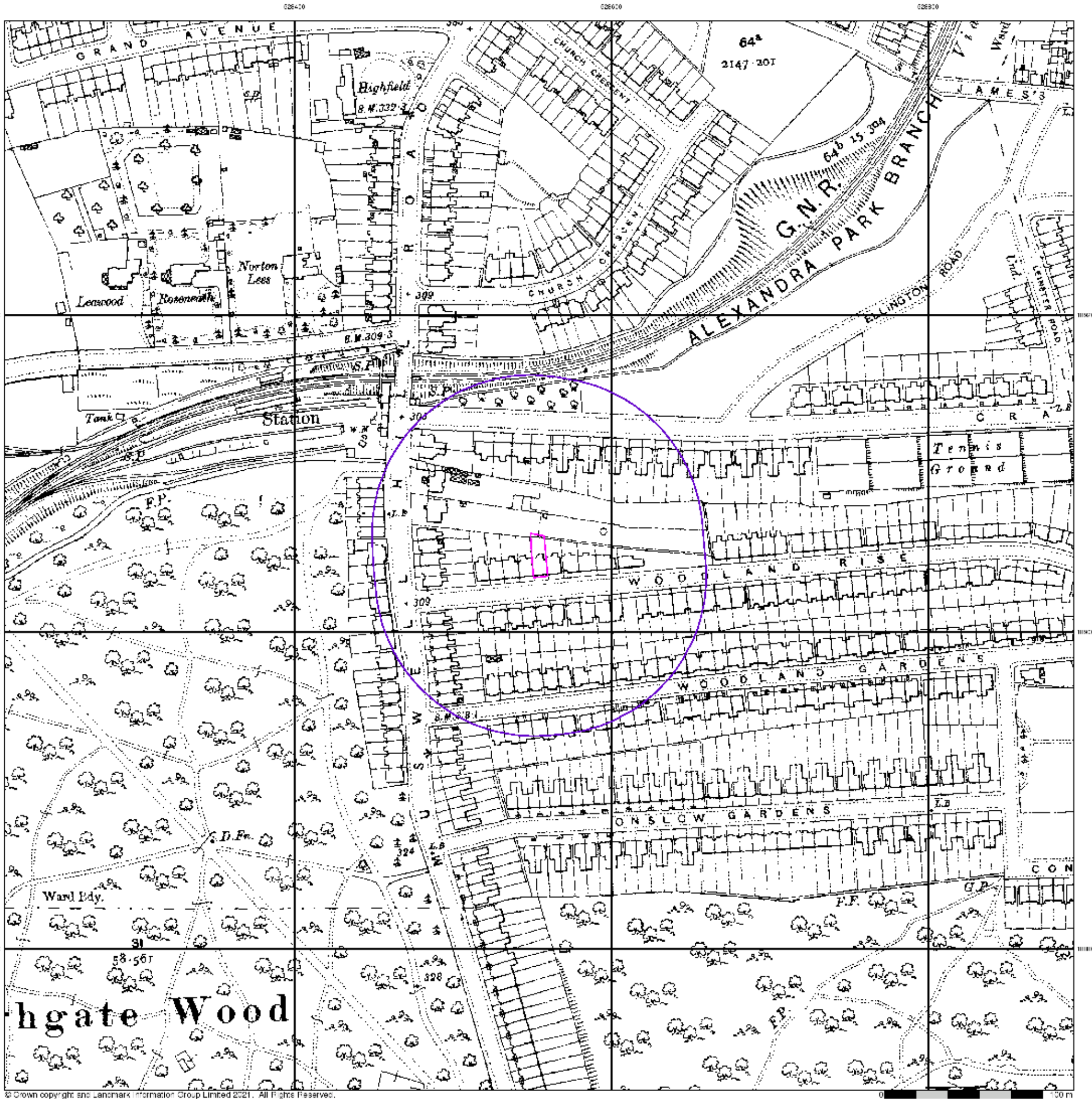
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



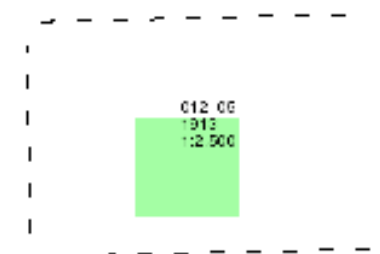
Middlesex

Published 1913

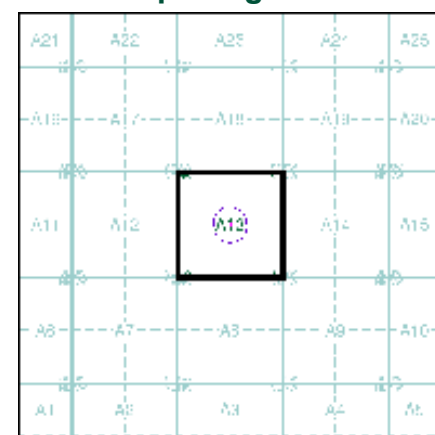
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



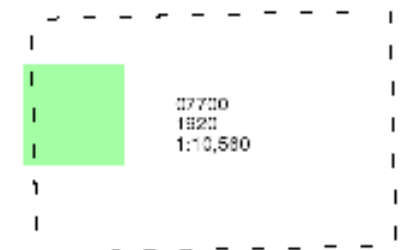
Essex

Published 1920

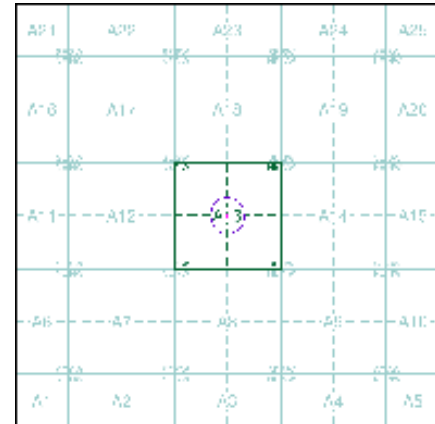
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

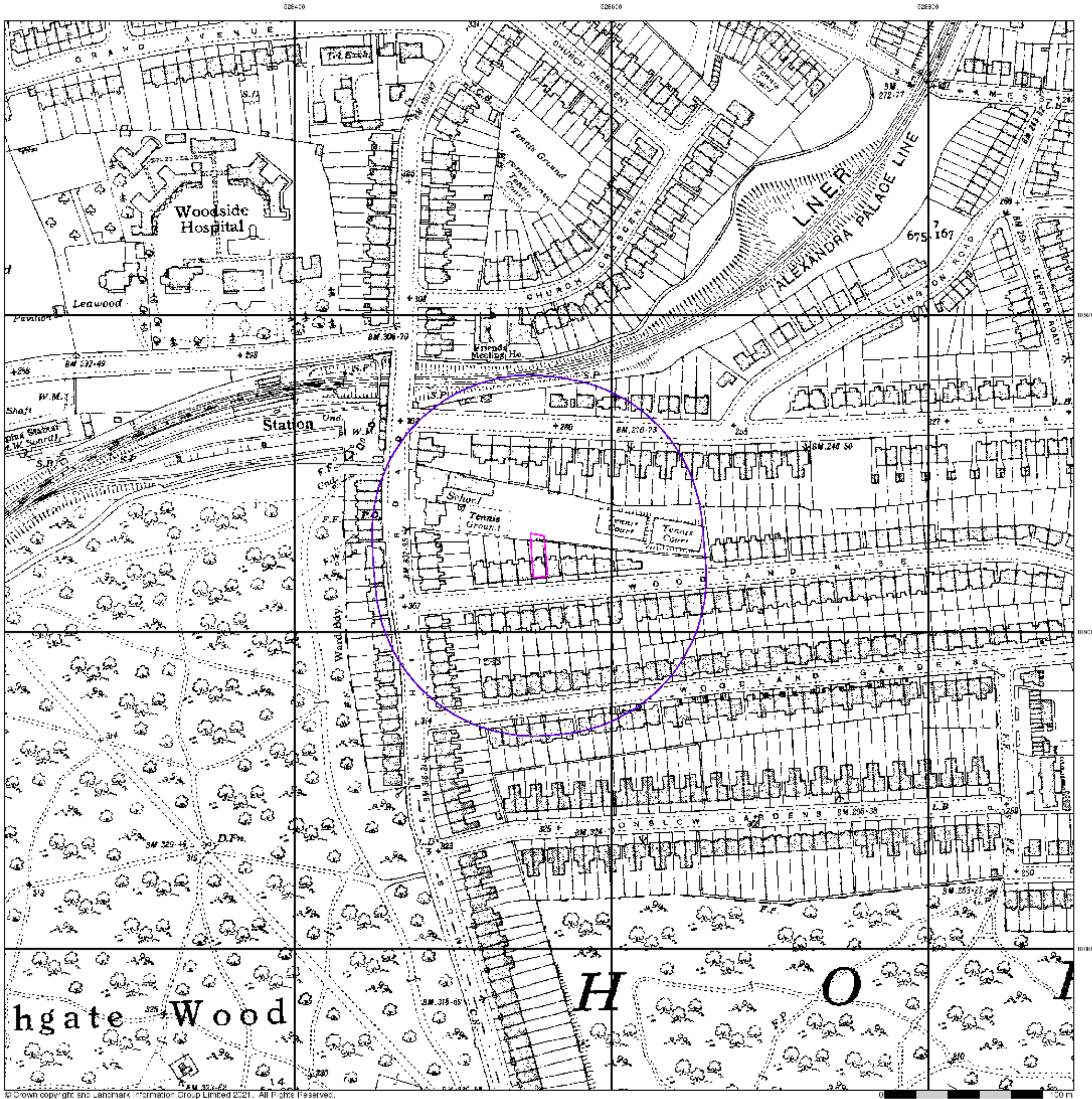
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



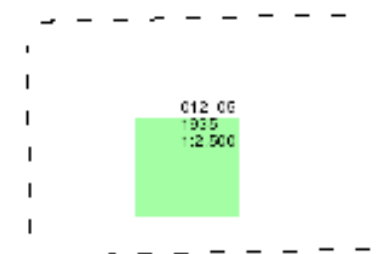
Middlesex

Published 1935

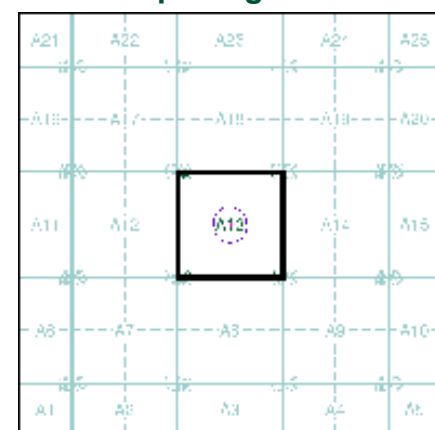
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



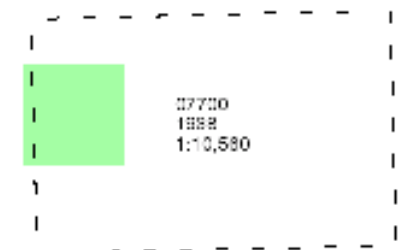
Essex

Published 1938

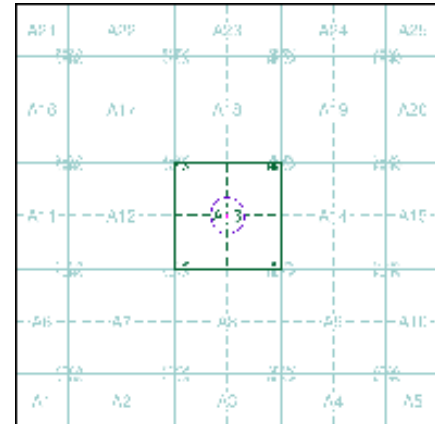
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Historical Aerial Photography

Published 1949 - 1950

Source map scale - 1:10,560

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

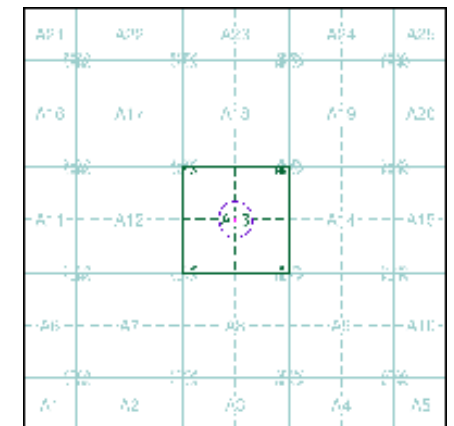
© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)

TQ29SE
1949
1:10,560

TQ28NE
1950
1:10,560

Historical Aerial Photography - Slice A



Order Details

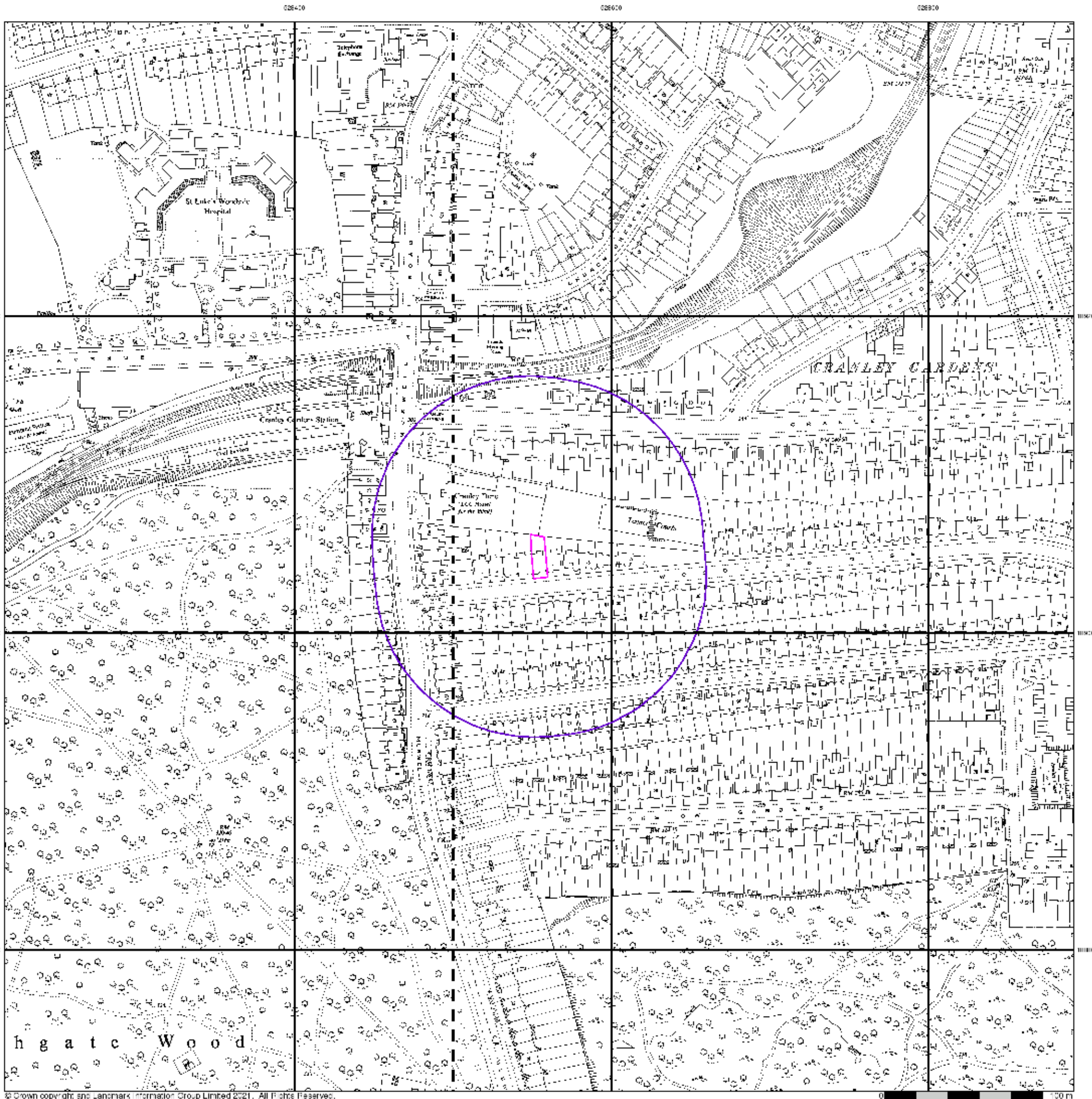
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Ordnance Survey Plan

Published 1951

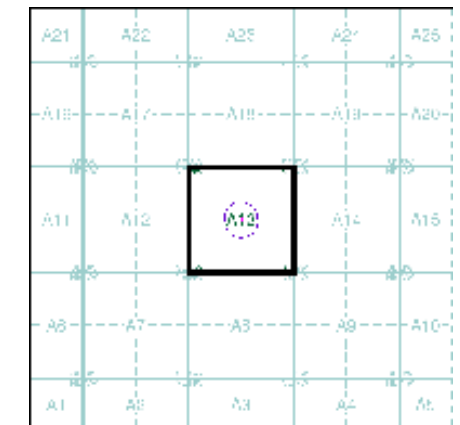
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

TO2888NW	TO2888E
1951	1951
1:1,250	1:1,250
TO2888NW	TO2888E
1951	1951
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

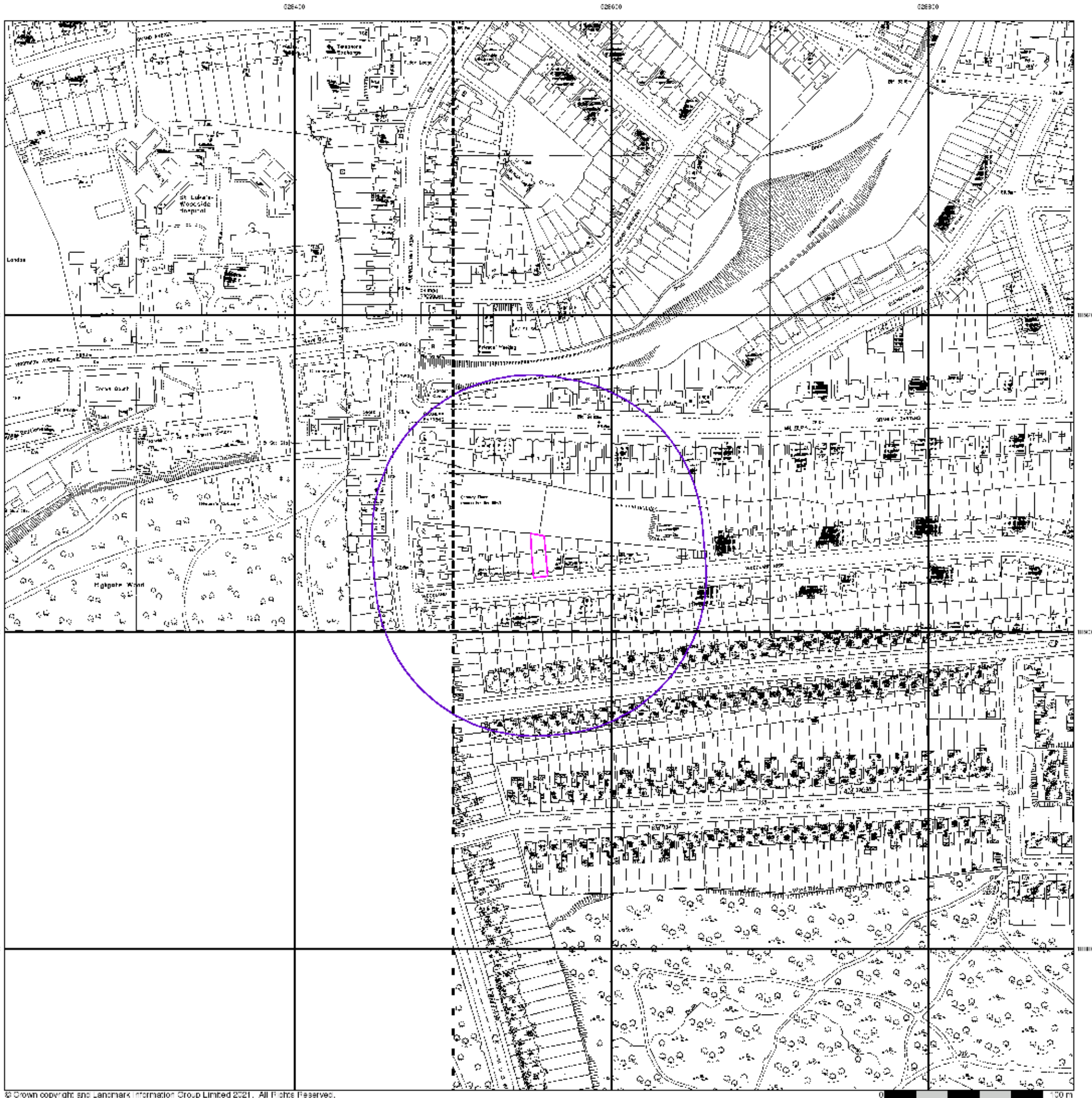
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Additional SIMs

Published 1951 - 1979

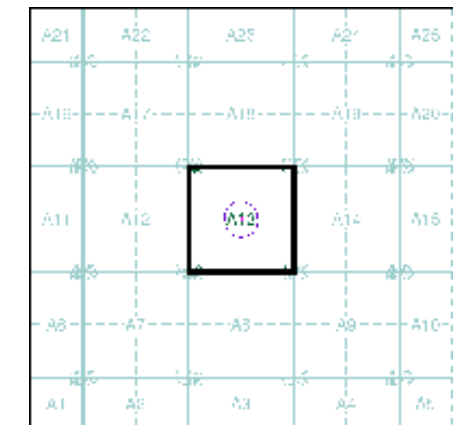
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TO26866W	TO26866E
1979	1968
1:1,250	1:1,250
	TO26866N
	1968
	1:1,250

Historical Map - Segment A13



Order Details

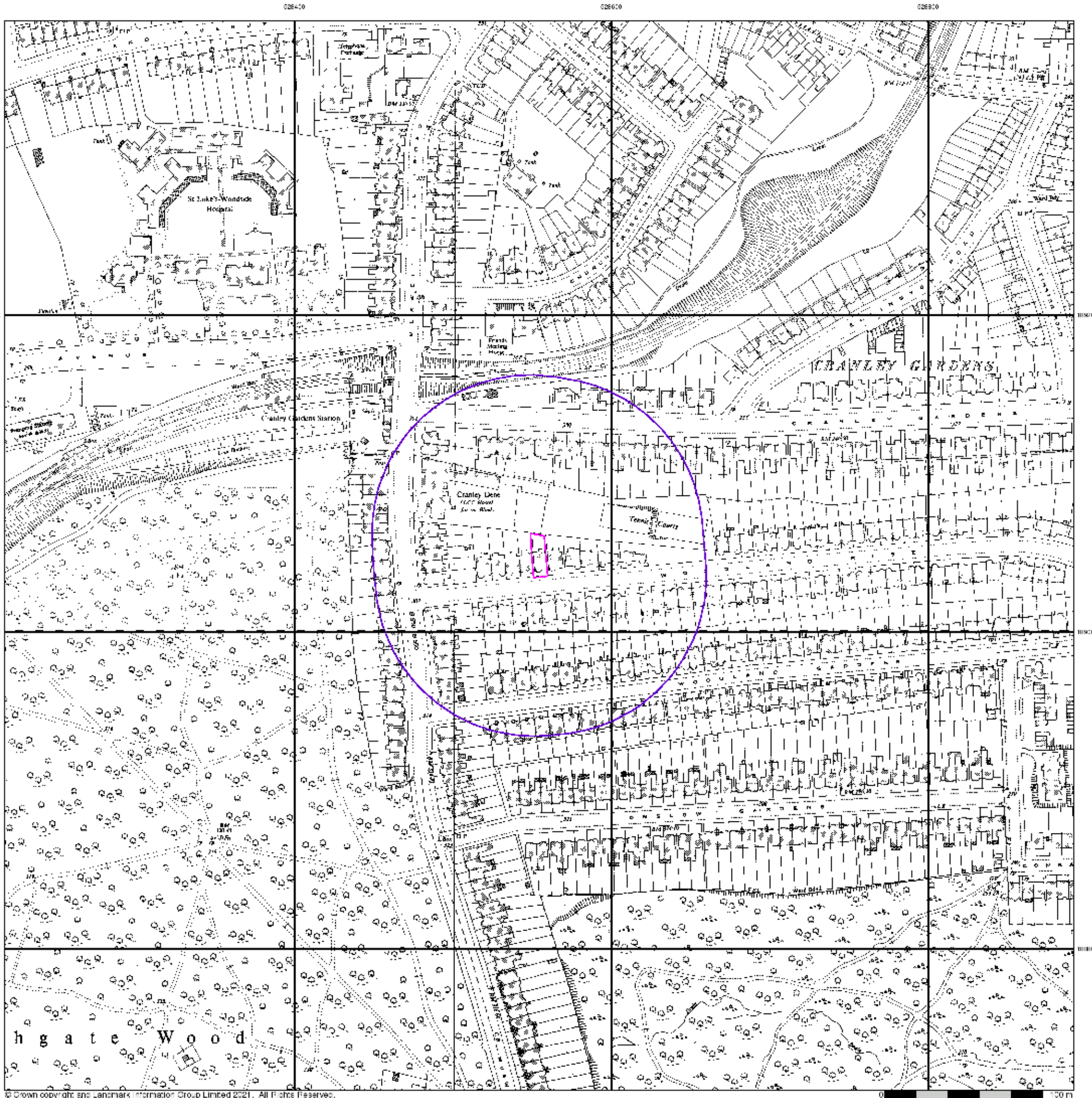
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Ordnance Survey Plan

Published 1952

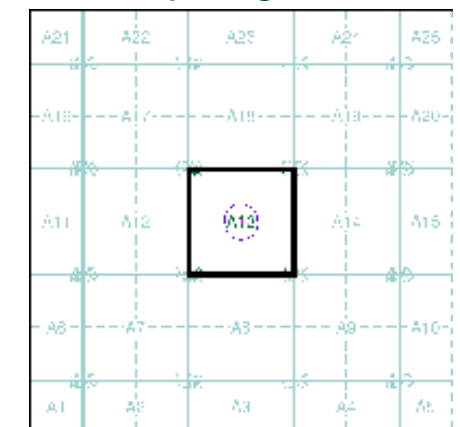
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

TC0889
1952
1:2,500
TC0909
1952
1:2,500

Historical Map - Segment A13



Order Details

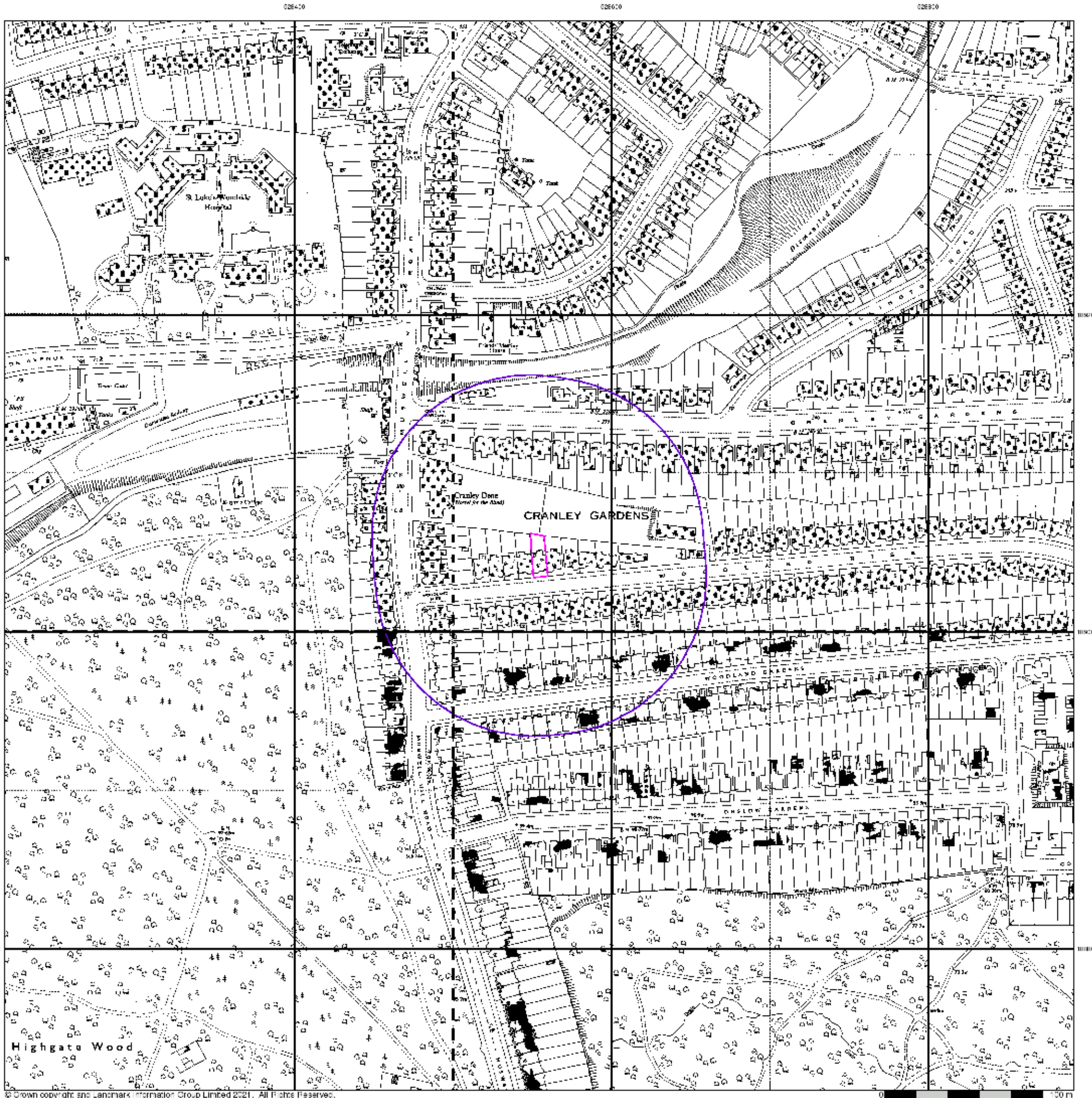
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Ordnance Survey Plan

Published 1966 - 1973

Source map scale - 1:1,250

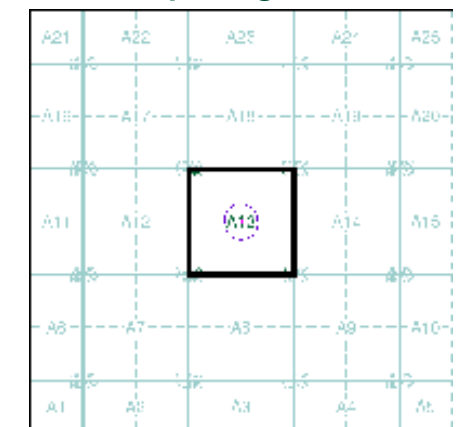
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

TQ28888W	TQ28888E
1966	1966
1:1,250	1:1,250

TQ28888W	TQ28888E
1973	1973
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

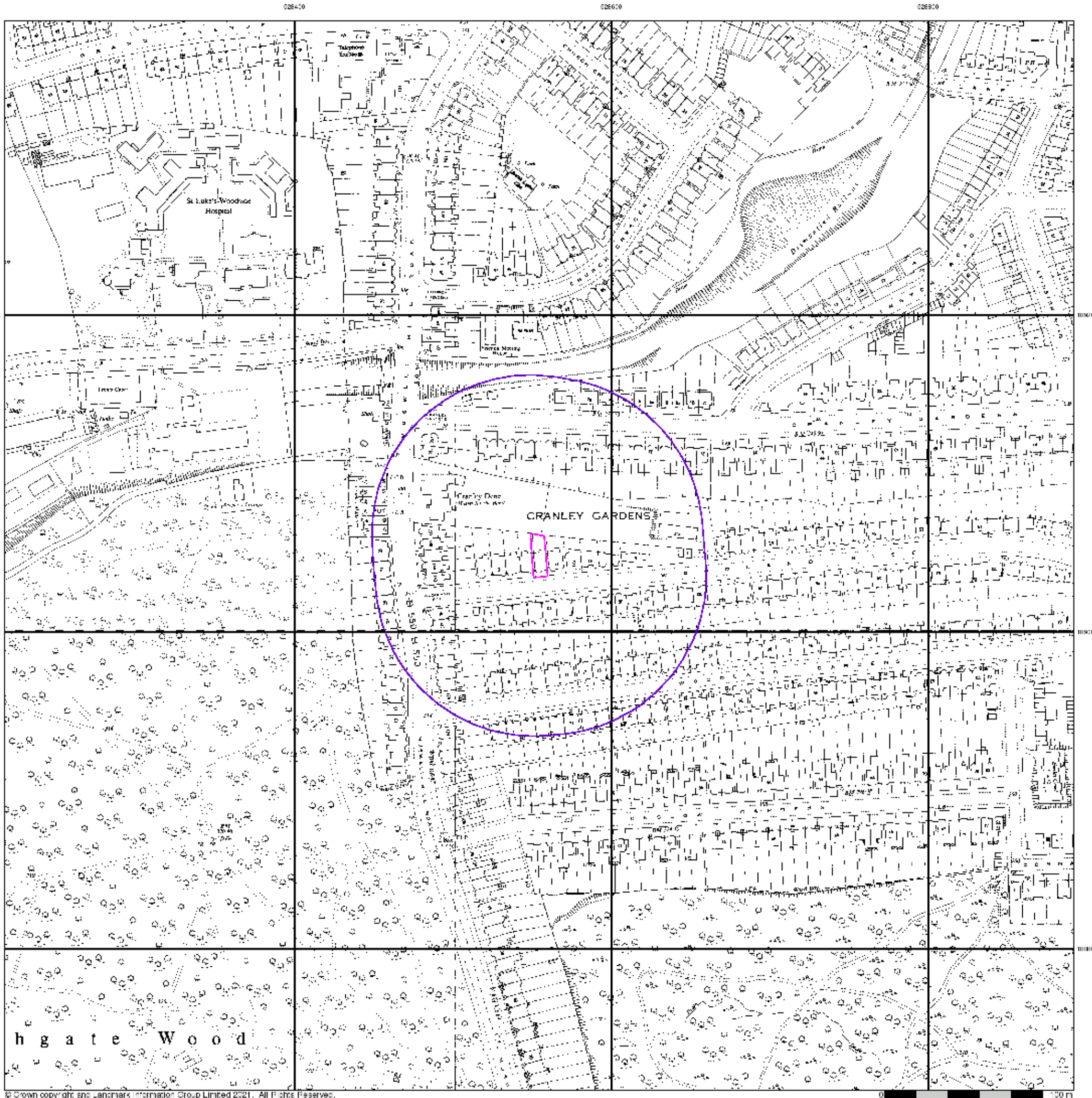
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



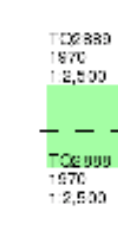
Ordinance Survey Plan

Published 1970

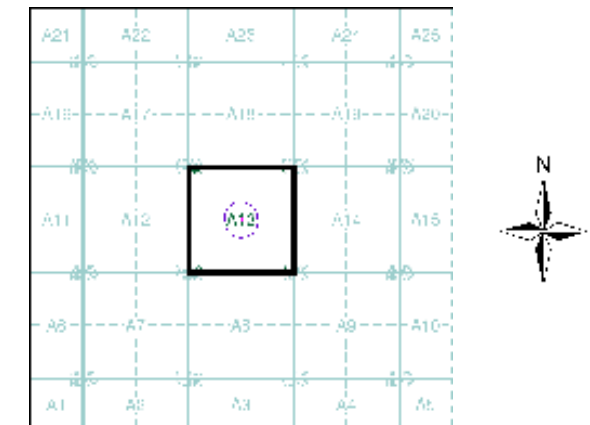
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

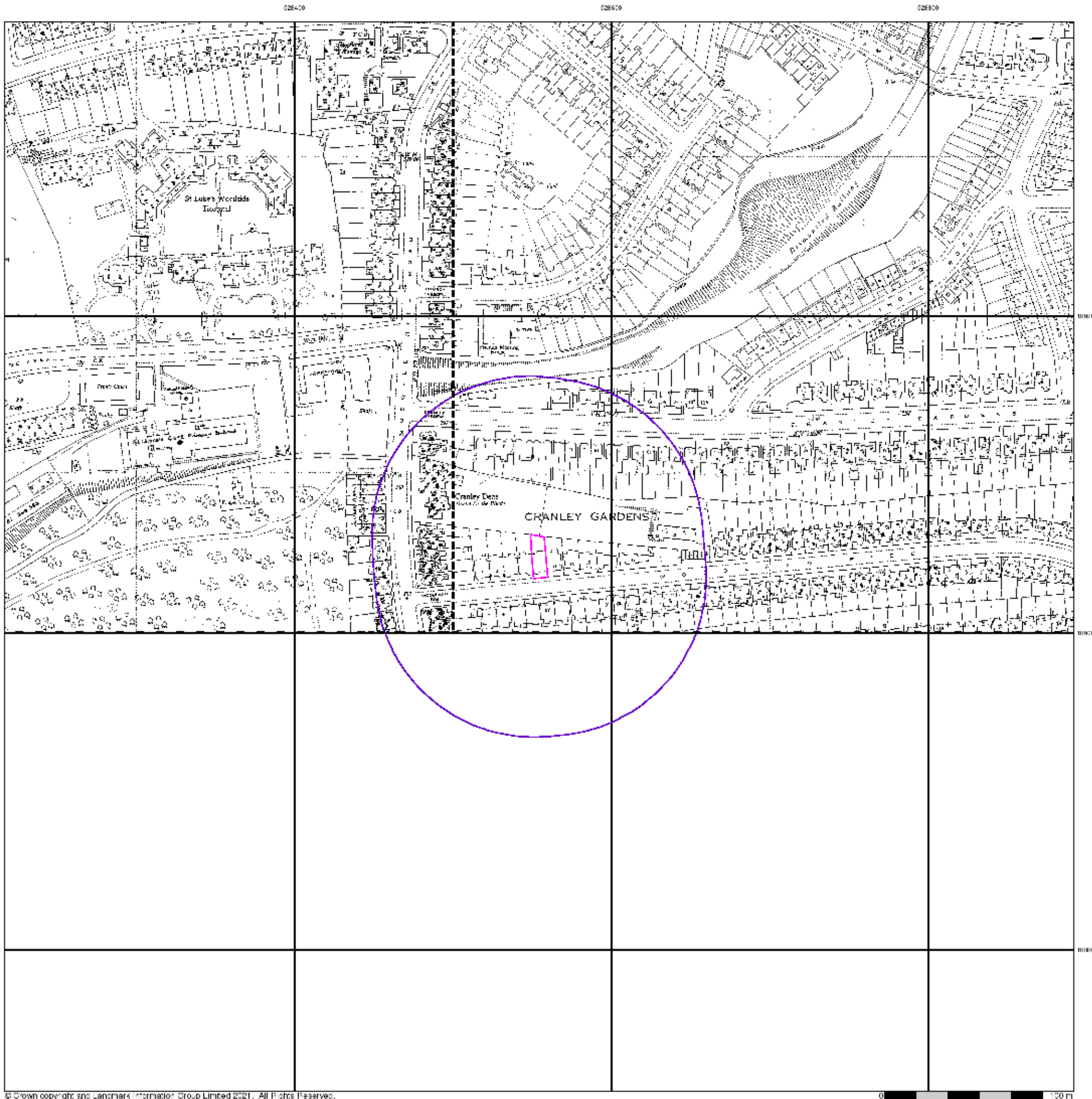
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP

Landmark
INFORMATION GROUP

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



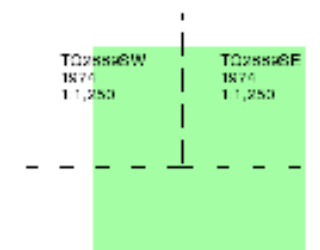
Supply of Unpublished Survey Information

Published 1974

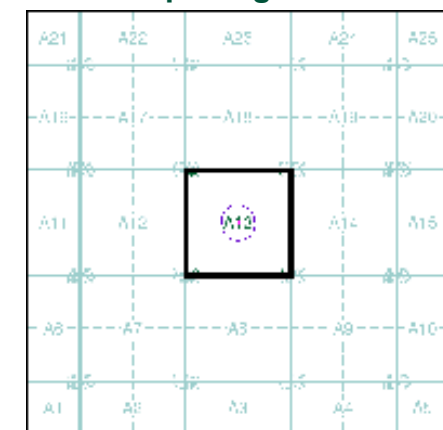
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



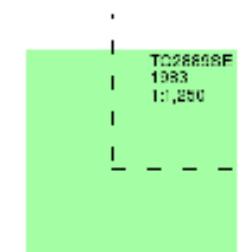
Additional SIMs

Published 1983

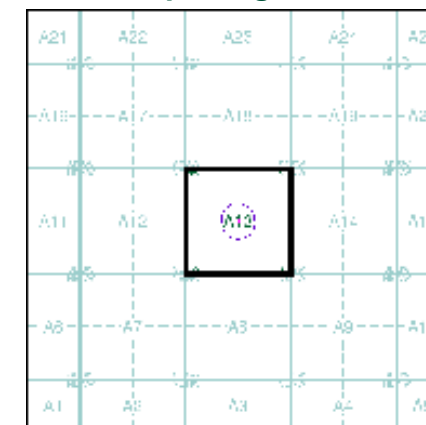
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



Large-Scale National Grid Data

Published 1991

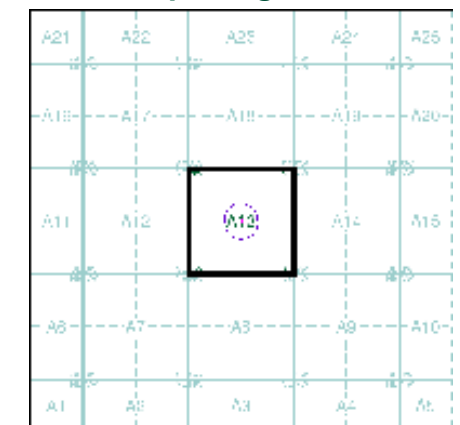
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TQ2888SW	TQ2888SE
1991	1991
1:1,250	1:1,250
TQ2888NW	TQ2888NE
1991	1991
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

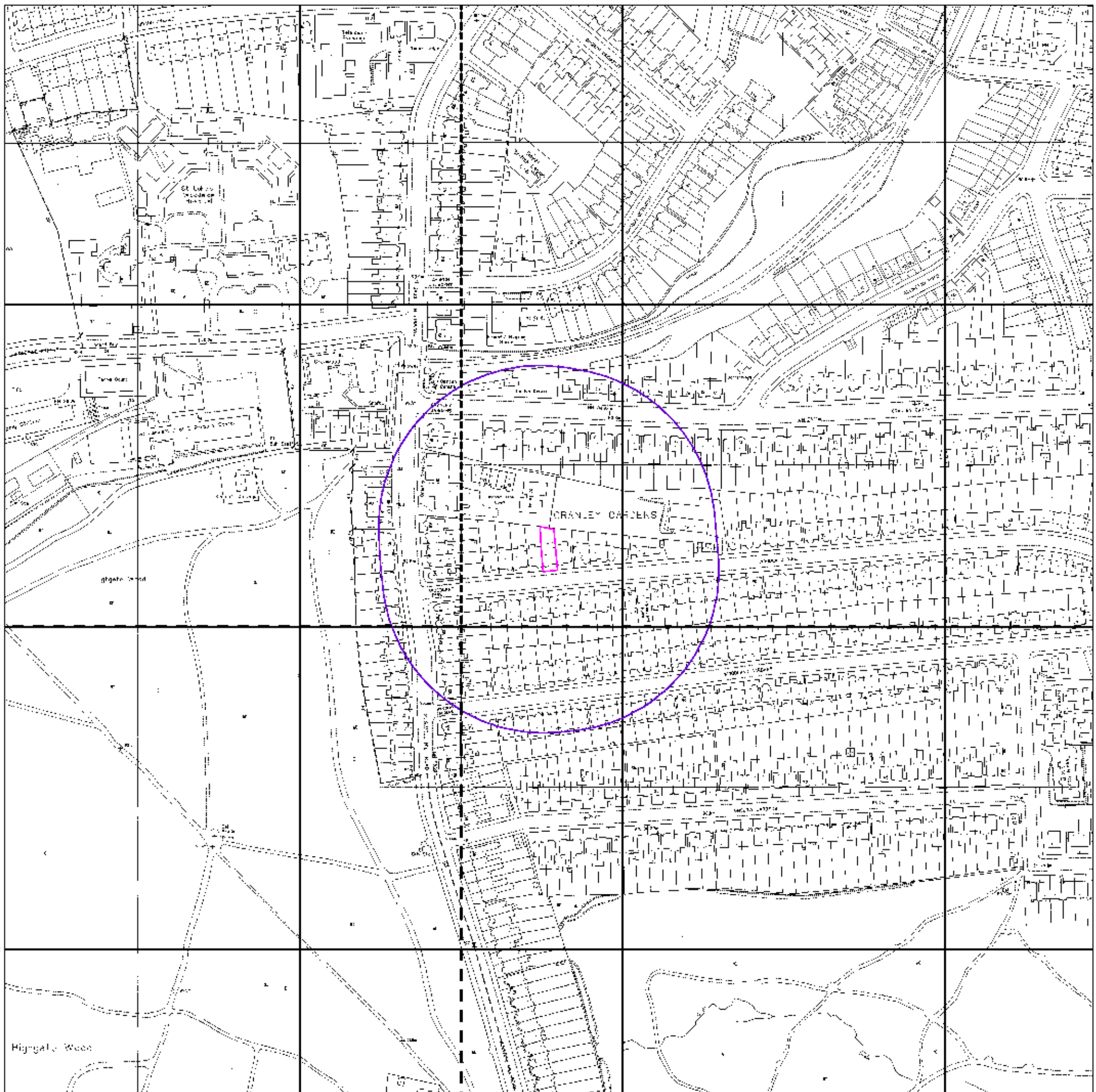
Order Number: 284476572_1_1
 Customer Ref: J21267
 National Grid Reference: 528550, 189050
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 100

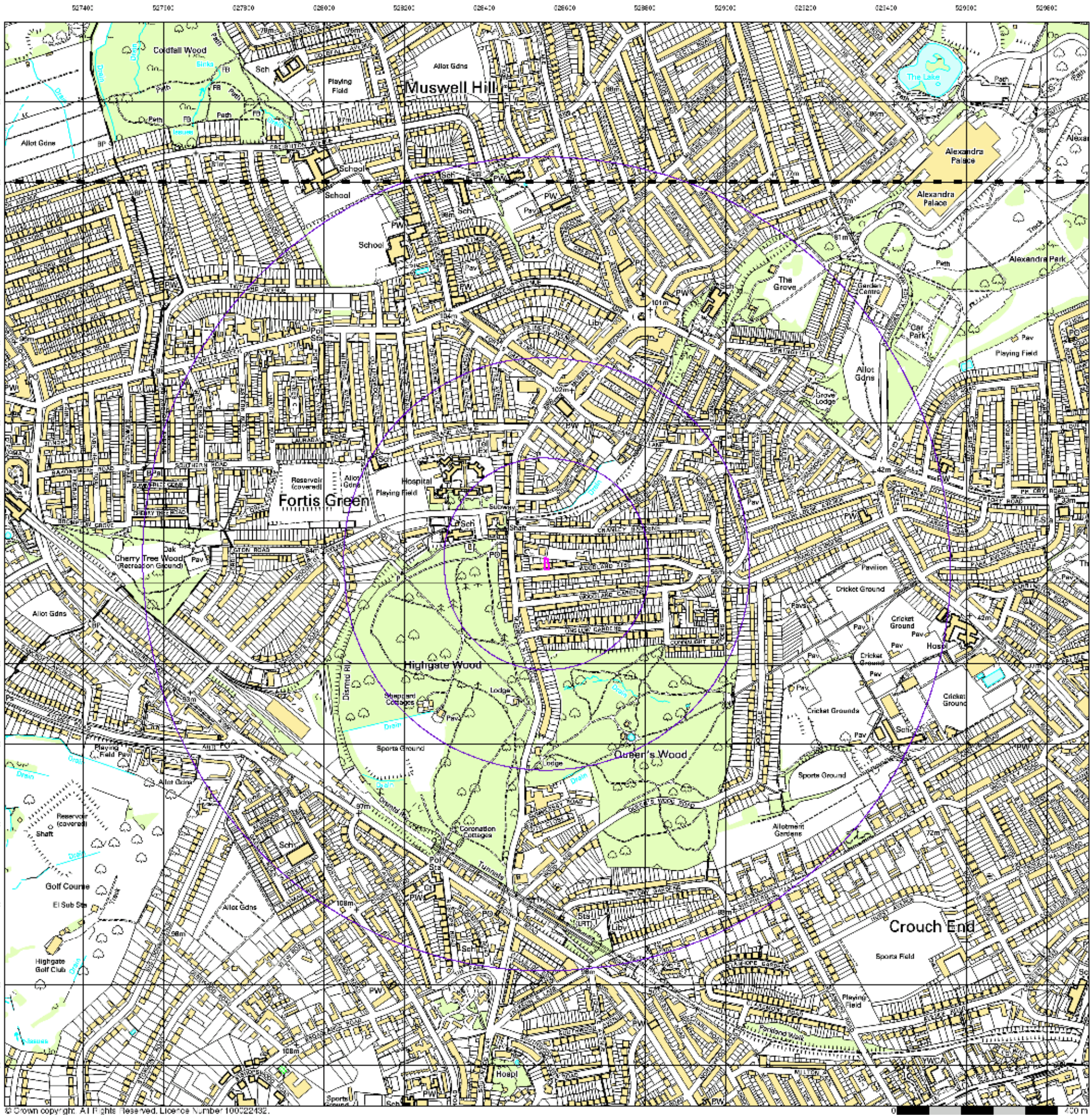
Site Details

9, Woodland Rise, LONDON, N10 3UP



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





10k Raster Mapping

Published 1999

Source map scale - 1:10,000

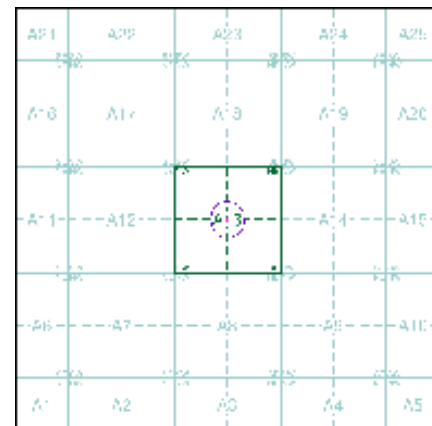
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TC28SE
1999
1:10,000

TC28NE
1999
1:10,000

Historical Map - Slice A



Order Details

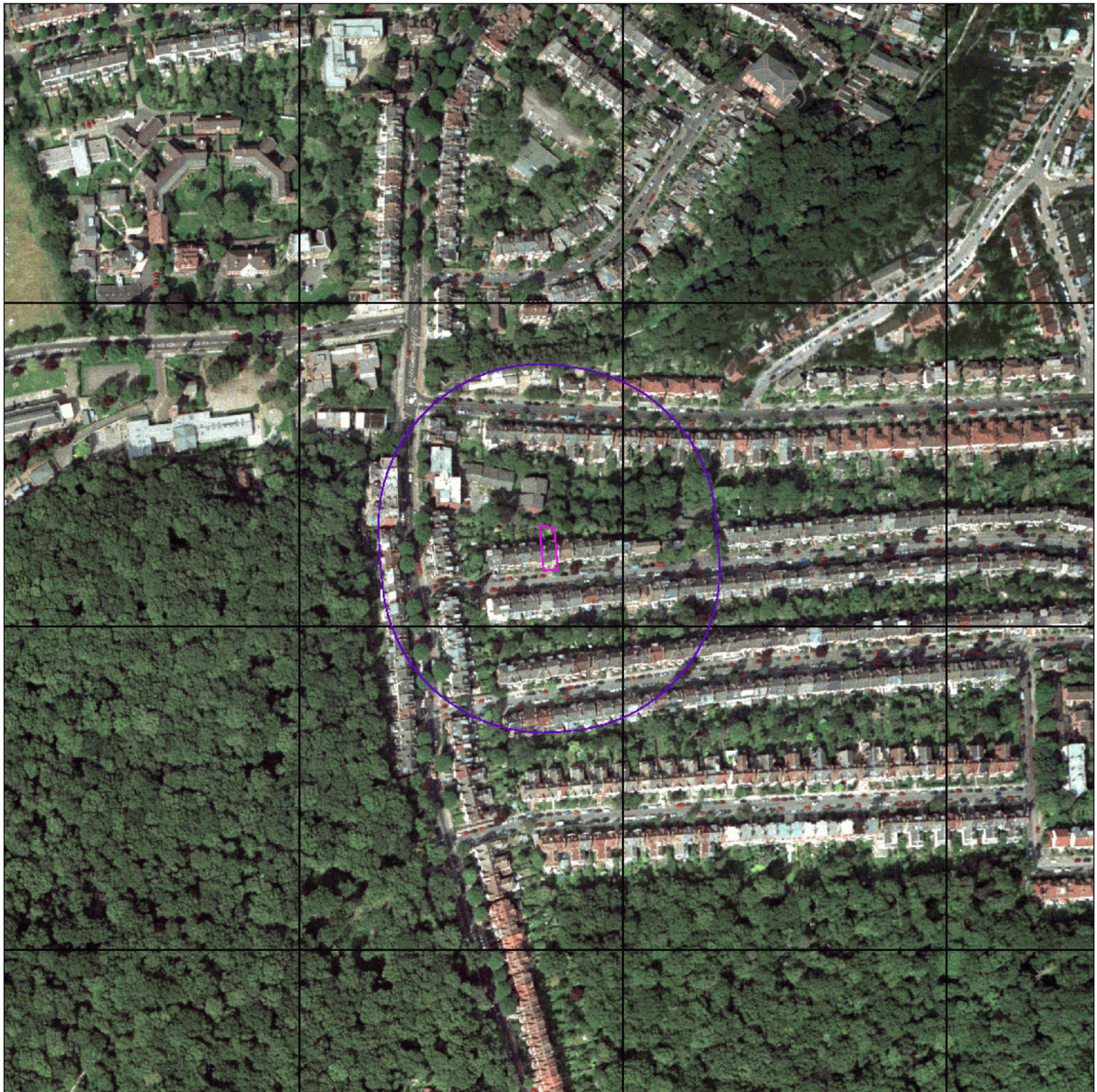
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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

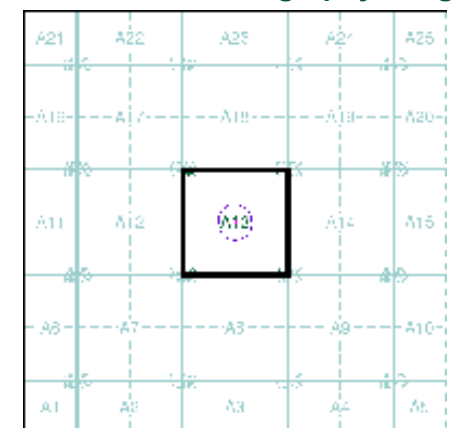


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

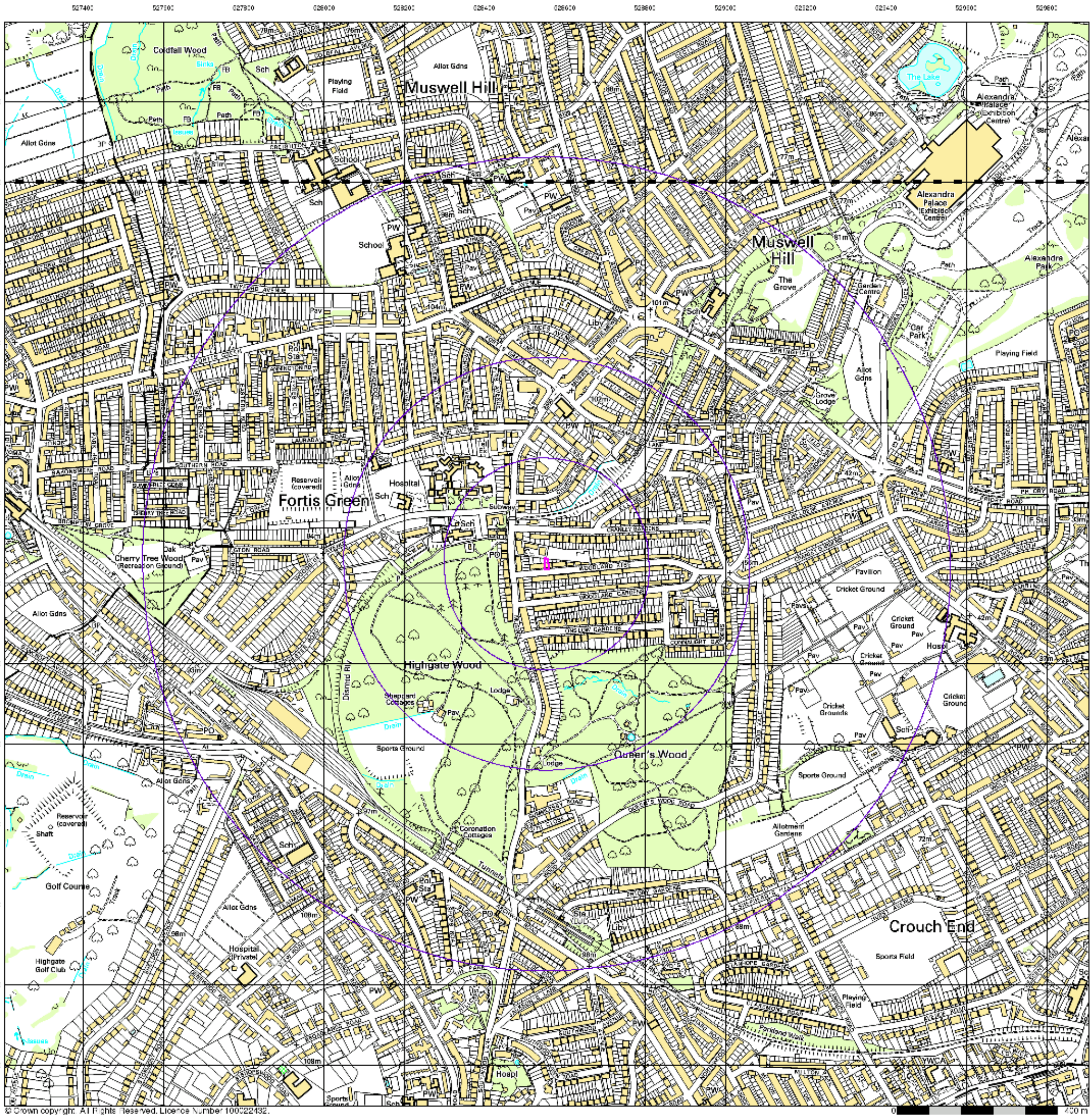
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



10k Raster Mapping

Published 2006

Source map scale - 1:10,000

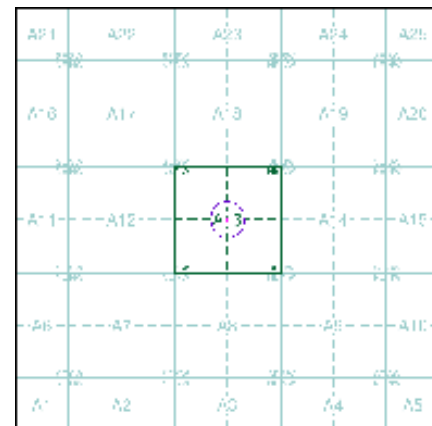
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TC28SE
2006
1:10,000

TC28NE
2006
1:10,000

Historical Map - Slice A



Order Details

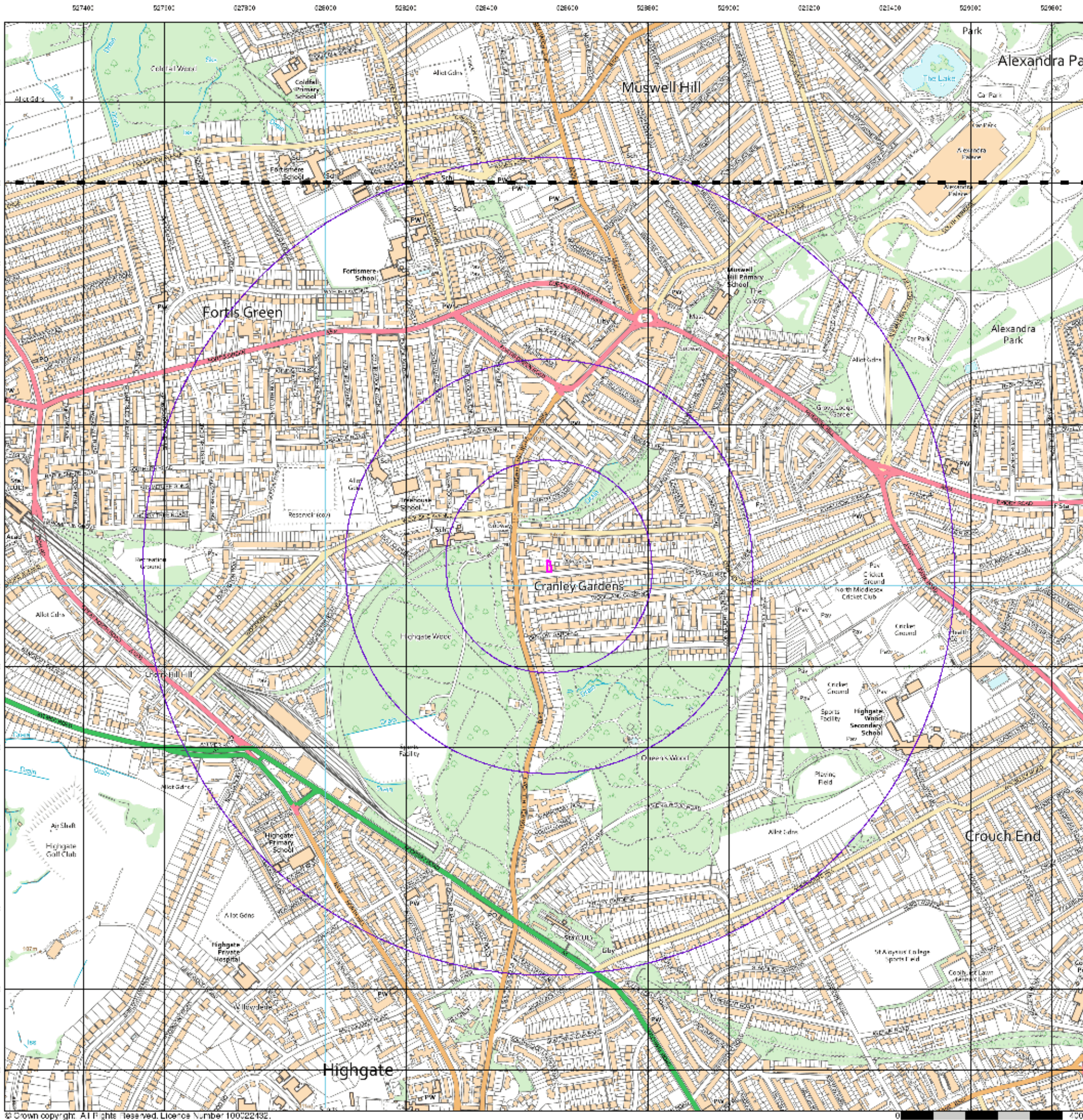
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



VectorMap Local

Published 2021

Source map scale - 1:10,000

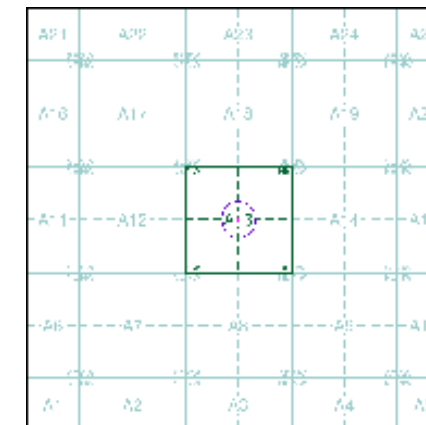
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

TQ28SE
2021
Variable

TQ28NE
2021
Variable

Historical Map - Slice A



Order Details

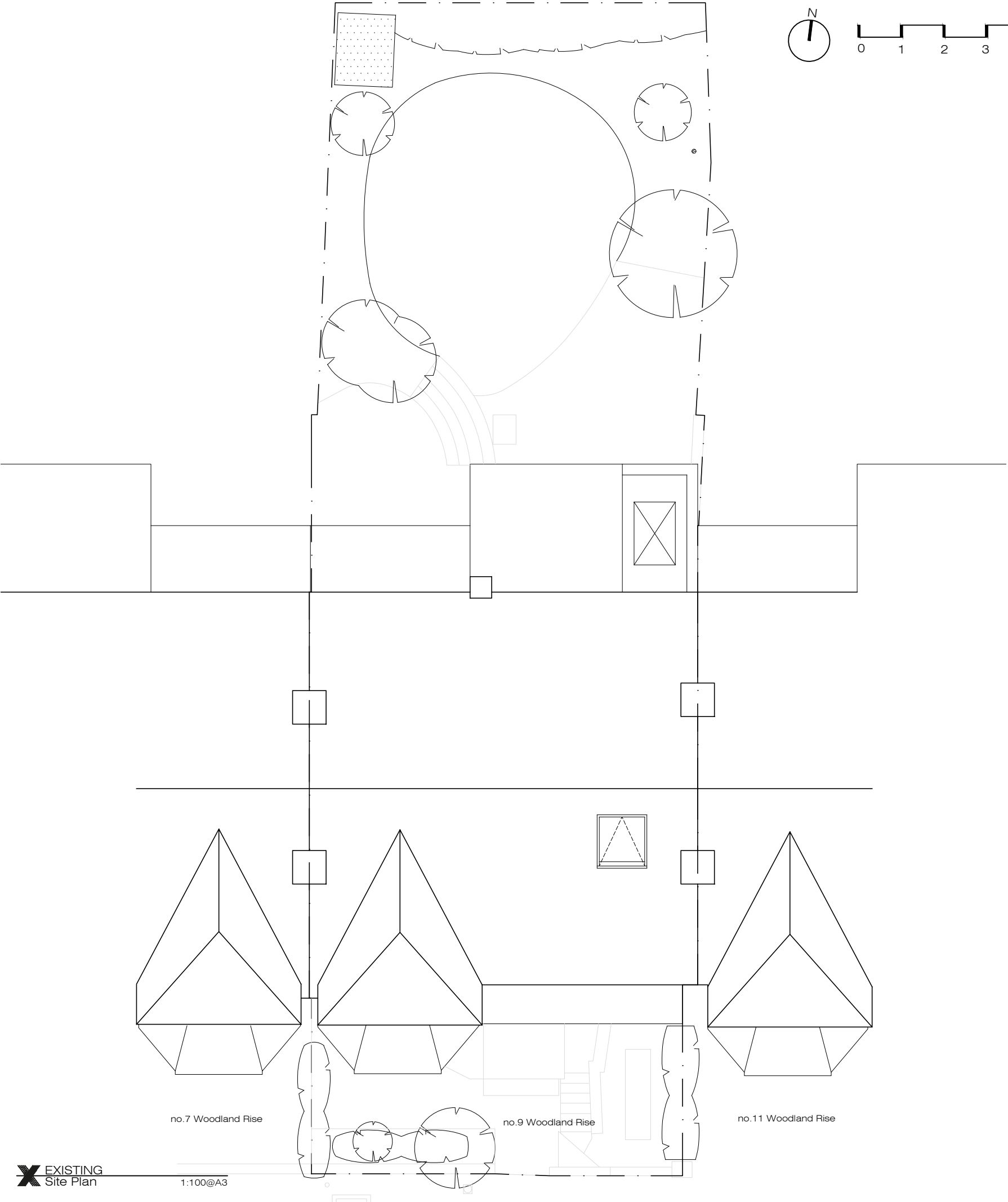
Order Number: 284476572_1_1
Customer Ref: J21267
National Grid Reference: 528550, 189050
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

9, Woodland Rise, LONDON, N10 3UP



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



X EXISTING
Site Plan

1:100@A3

XUL
ARCHITECTURE

Ground Floor Office
33 Belsize Lane
London NW3 5AS
Office: +44 (0) 207 431 9014
info@xularchitecture.co.uk
www.xularchitecture.co.uk

- PLEASE NOTE:
1. All dimensions to be checked on site before fabrication,
 2. Contractor to refer to engineers drawings before proceeding with works.
 3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
 4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
 5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
 6. Samples to be provided by contractor for XUL Architecture's approval.
 7. All finishes to XUL Architecture's satisfaction.
 8. All drawings to be approved by XUL Architecture prior to construction.

ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Adress
9 Woodland Rise, N10 3UP

EXISTING
Site Plan

Scale 1:100@A3	Dwg. No. EX-00
Rev. Date 14.09.21	Rev. P-01
Drawn TP	Project Number 20173
Checked SS	Issue For: PLANNING

- PLEASE NOTE:
1. All dimensions to be checked on site before fabrication,
 2. Contractor to refer to engineers drawings before proceeding with works.
 3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
 4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
 5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
 6. Samples to be provided by contractor for XUL Architecture's approval.
 7. All finishes to XUL Architecture's satisfaction.
 8. All drawings to be approved by XUL Architecture prior to construction.

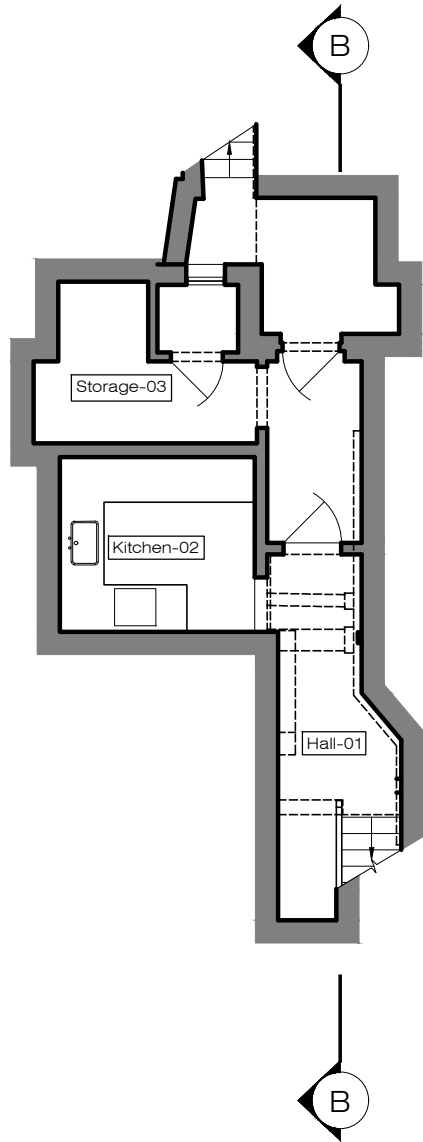
ADDITIONNAL NOTE:

Issue key:	Tender (T)
Information (I)	Construction (C)
Planning (P)	As Built (B)

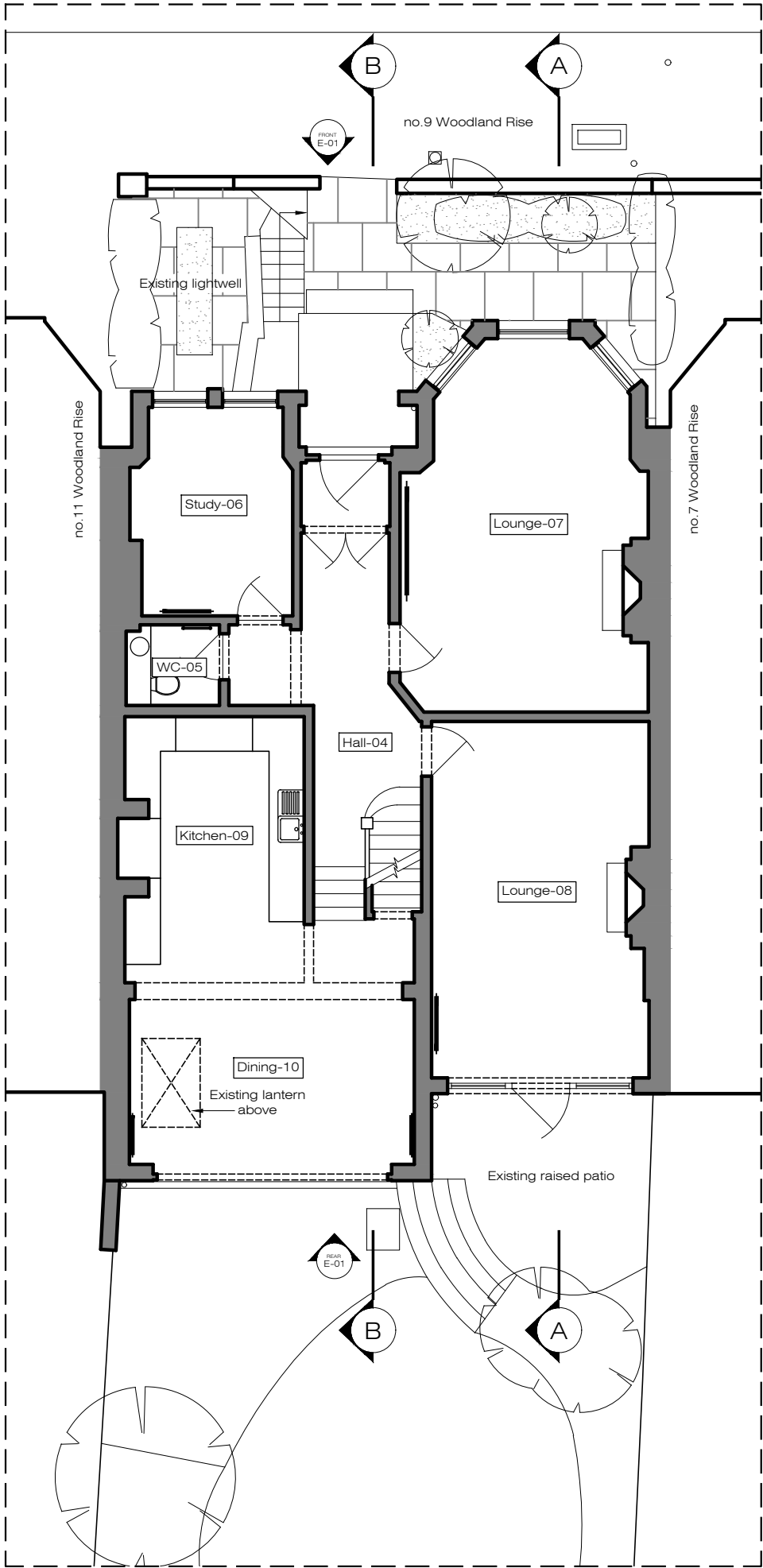
Project Address
9 Woodland Rise, N10 3UP

EXISTING
Plans

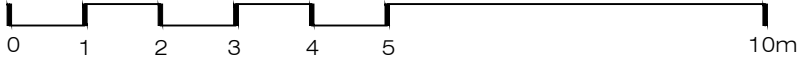
Scale 1:100@A3	Dwg. No. EX-01
Rev. Date 14.09.21	Rev. P-03
Drawn TP	Project Number 20173
Checked SS	Issue For: PLANNING



X EXISTING
Basement Plan 1:100@A3



X EXISTING
Ground Floor Plan 1:100@A3



- PLEASE NOTE:
1. All dimensions to be checked on site before fabrication,
 2. Contractor to refer to engineers drawings before proceeding with works.
 3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
 4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
 5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
 6. Samples to be provided by contractor for XUL Architecture's approval.
 7. All finishes to XUL Architecture's satisfaction.
 8. All drawings to be approved by XUL Architecture prior to construction.

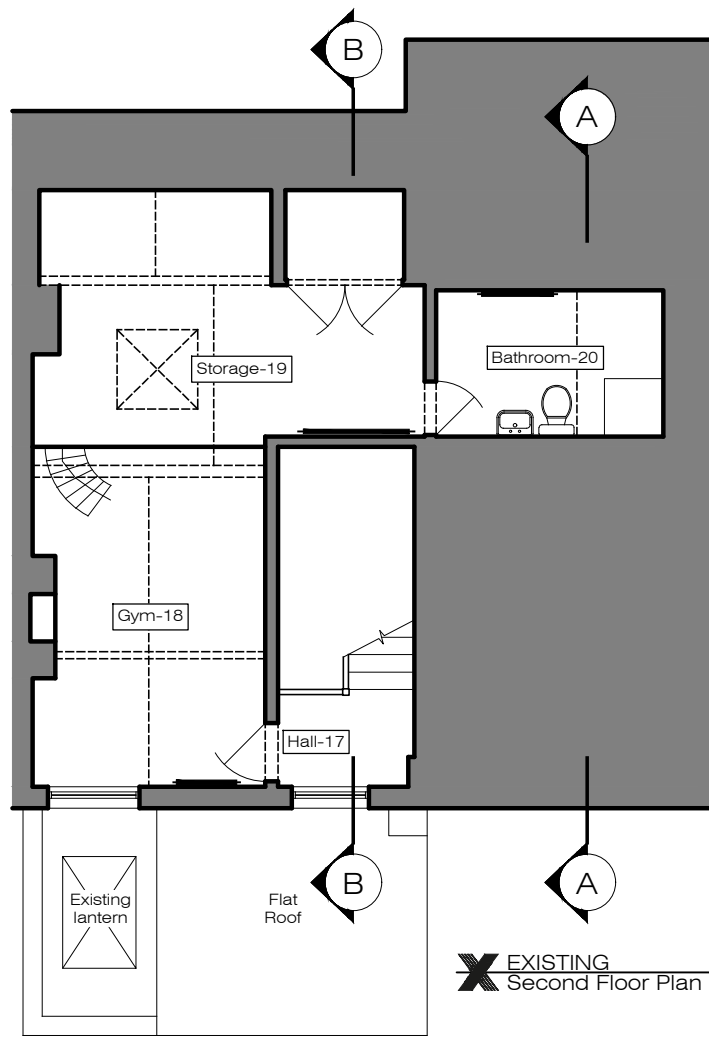
ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

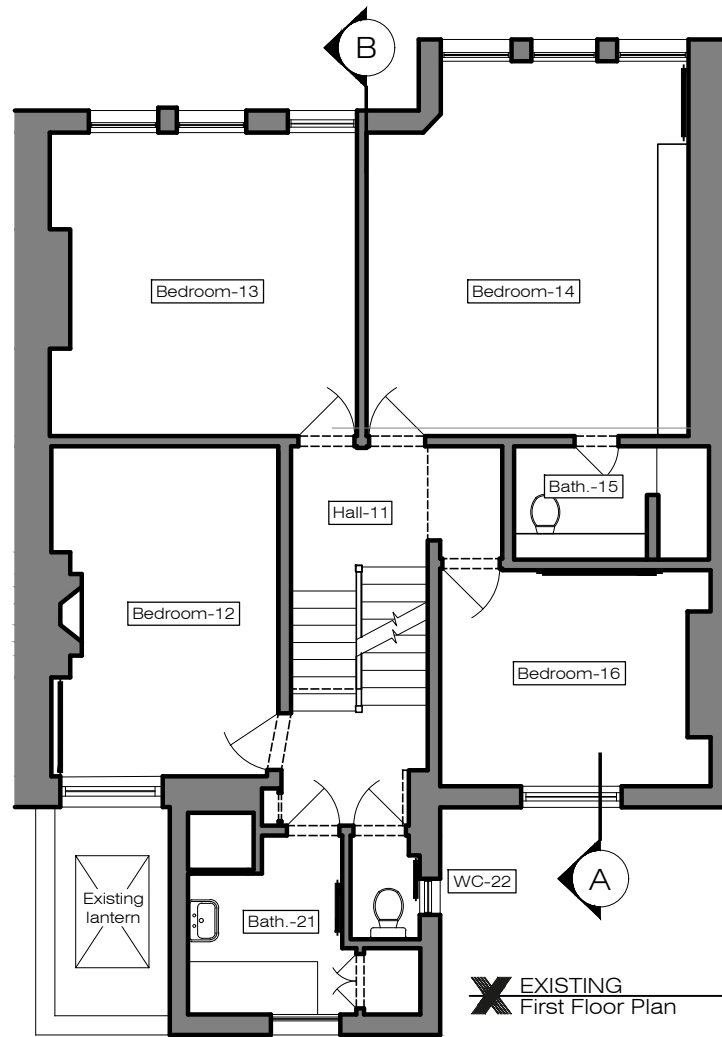
Project Address
9 Woodland Rise, N10 3UP

EXISTING
Plans

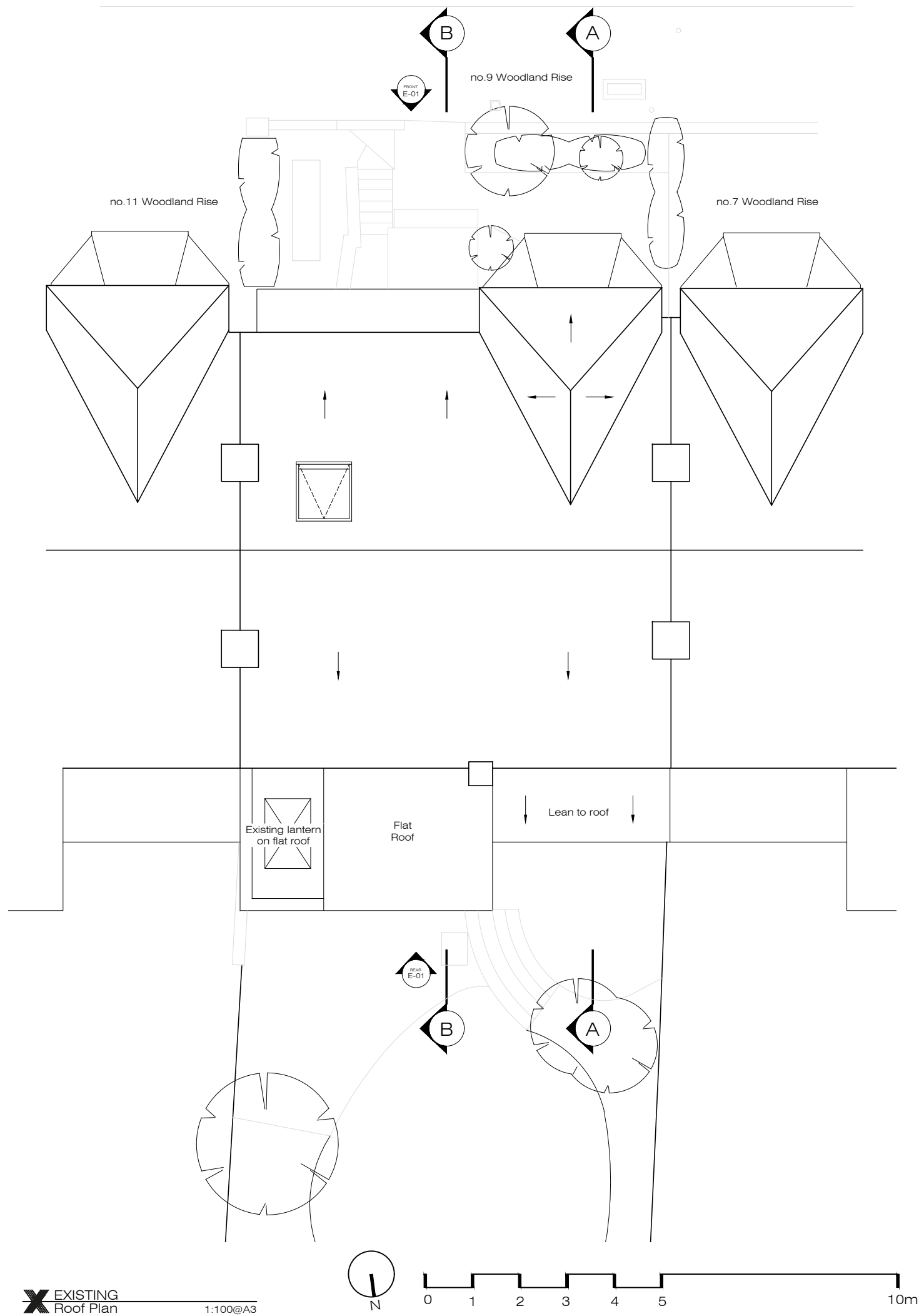
Scale 1:100@A3	Dwg. No. EX-02
Rev. Date 14.09.21	Rev. P-03
Drawn TP	Project Number 20173
Checked SS	Issue For: PLANNING



X EXISTING
Second Floor Plan 1:100@A3



X EXISTING
First Floor Plan 1:100@A3



X EXISTING
Roof Plan 1:100@A3

PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Address
9 Woodland Rise, N10 3UP

EXISTING
Elevations

Scale
1:100@A3

Dwg. No.
EX-03

Rev. Date
14.09.21

Rev.
P-03

Drawn
TP

Project Number
20173

Checked
SS

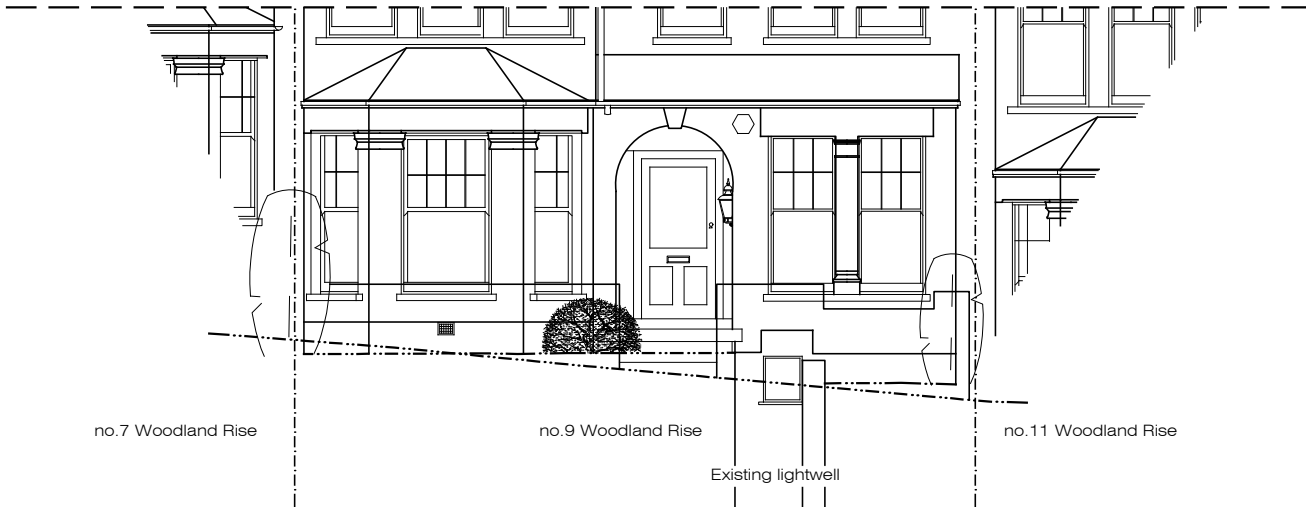
Issue For:
PLANNING



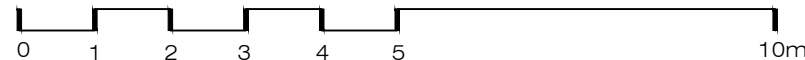
X EXISTING
Front Elevation (Street) 1:100@A3



X EXISTING
Rear Elevation 1:100@A3



X EXISTING
Front Elevation (Sectioned through front lightwell) 1:100@A3



PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Adress
9 Woodland Rise, N10 3UP

EXISTING
Sections

Scale
1:100@A3

Dwg. No.
EX-04

Rev. Date
14.09.21

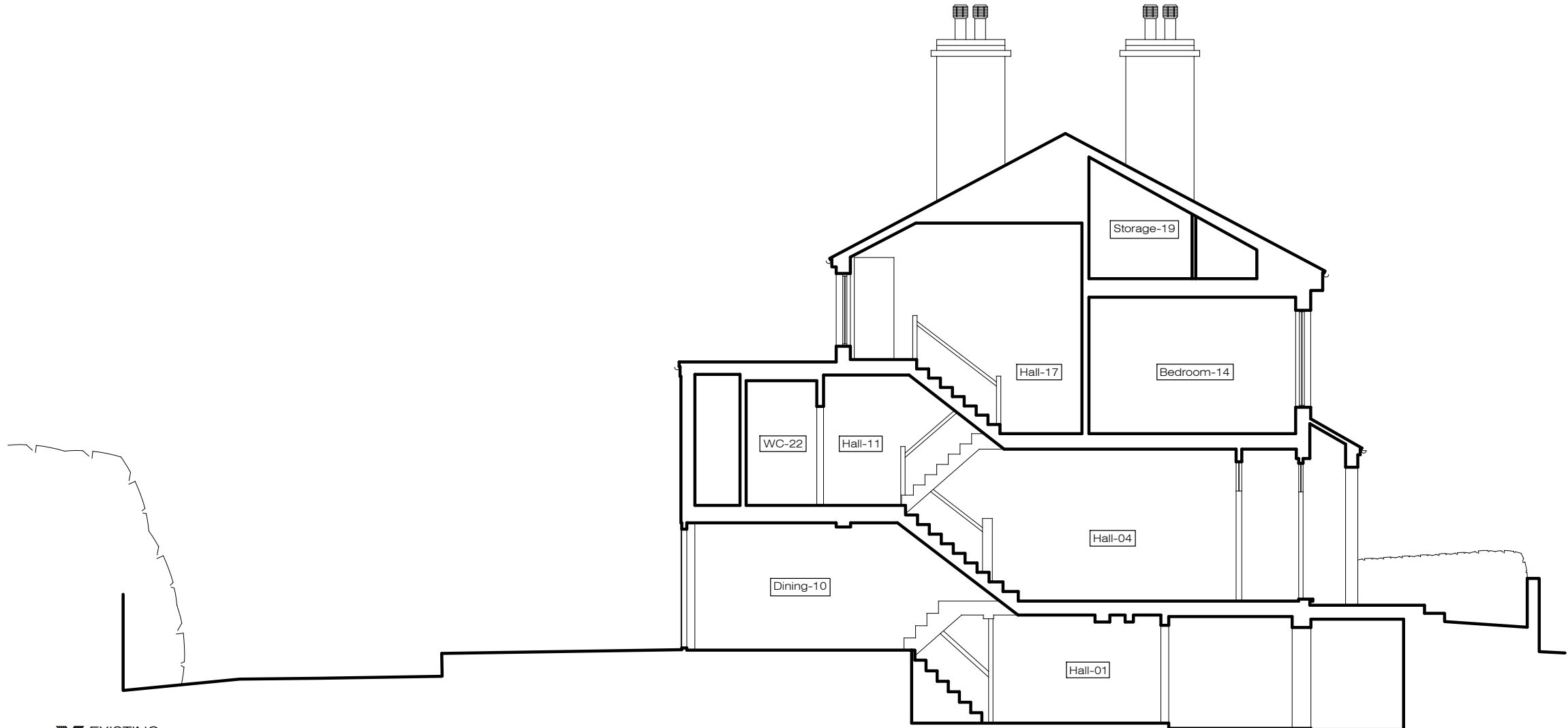
Rev.
P-03

Drawn
TP

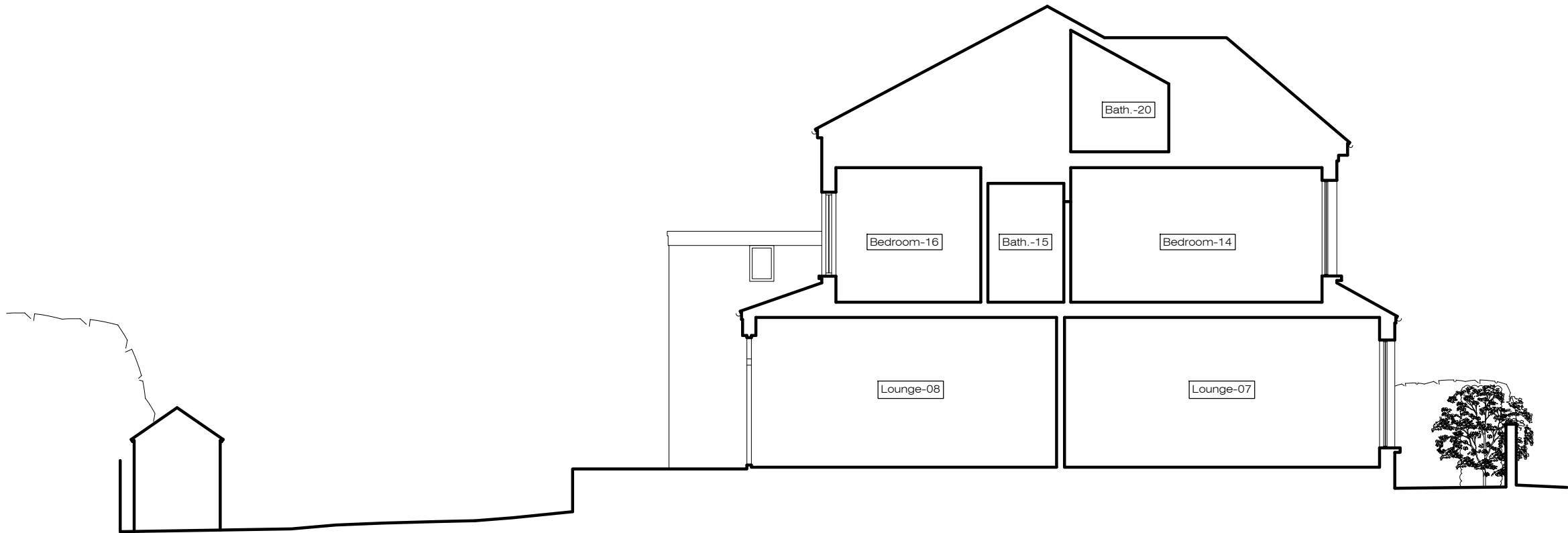
Project Number
20173

Checked
SS

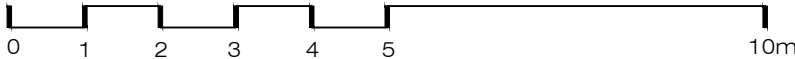
Issue For:
PLANNING

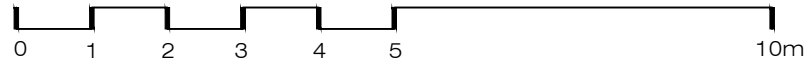
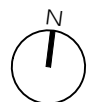
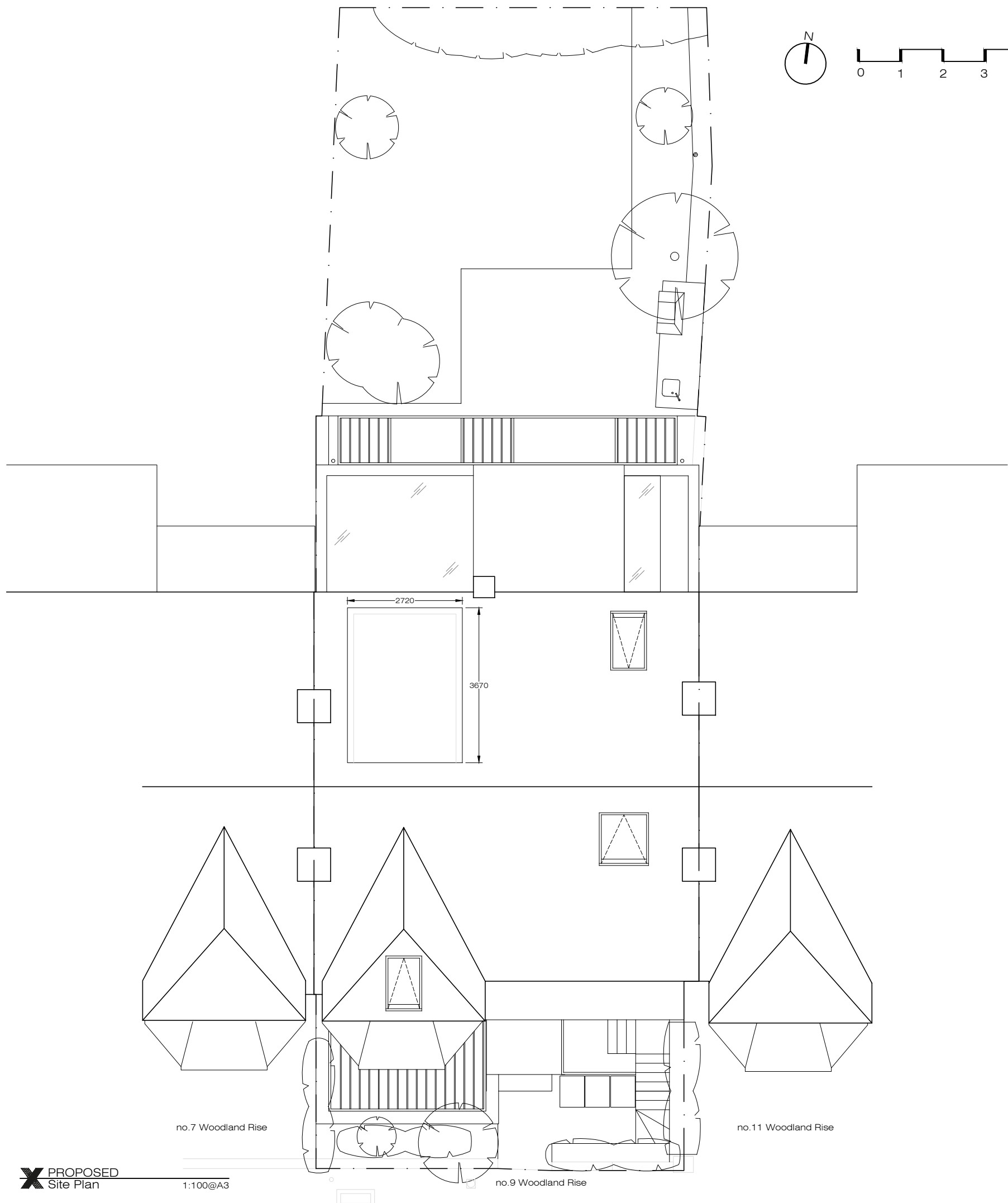


X EXISTING
Section BB
1:100@A3



X EXISTING
Section AA
1:100@A3





XUL
ARCHITECTURE

Ground Floor Office
33 Belsize Lane
London NW3 5AS
Office: +44 (0) 207 431 9014
info@xularchitecture.co.uk
www.xularchitecture.co.uk

PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Address
9 Woodland Rise, N10 3UP

PROPOSED
Site Plan

Scale
1:100@A3

Dwg. No.
PA-00

Rev. Date
14.09.21

Rev.
P-01

Drawn
TP

Project Number
20173

Checked
SS

Issue For:
PLANNING

X PROPOSED
Site Plan

1:100@A3

no. 9 Woodland Rise

no. 7 Woodland Rise

no. 11 Woodland Rise

PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

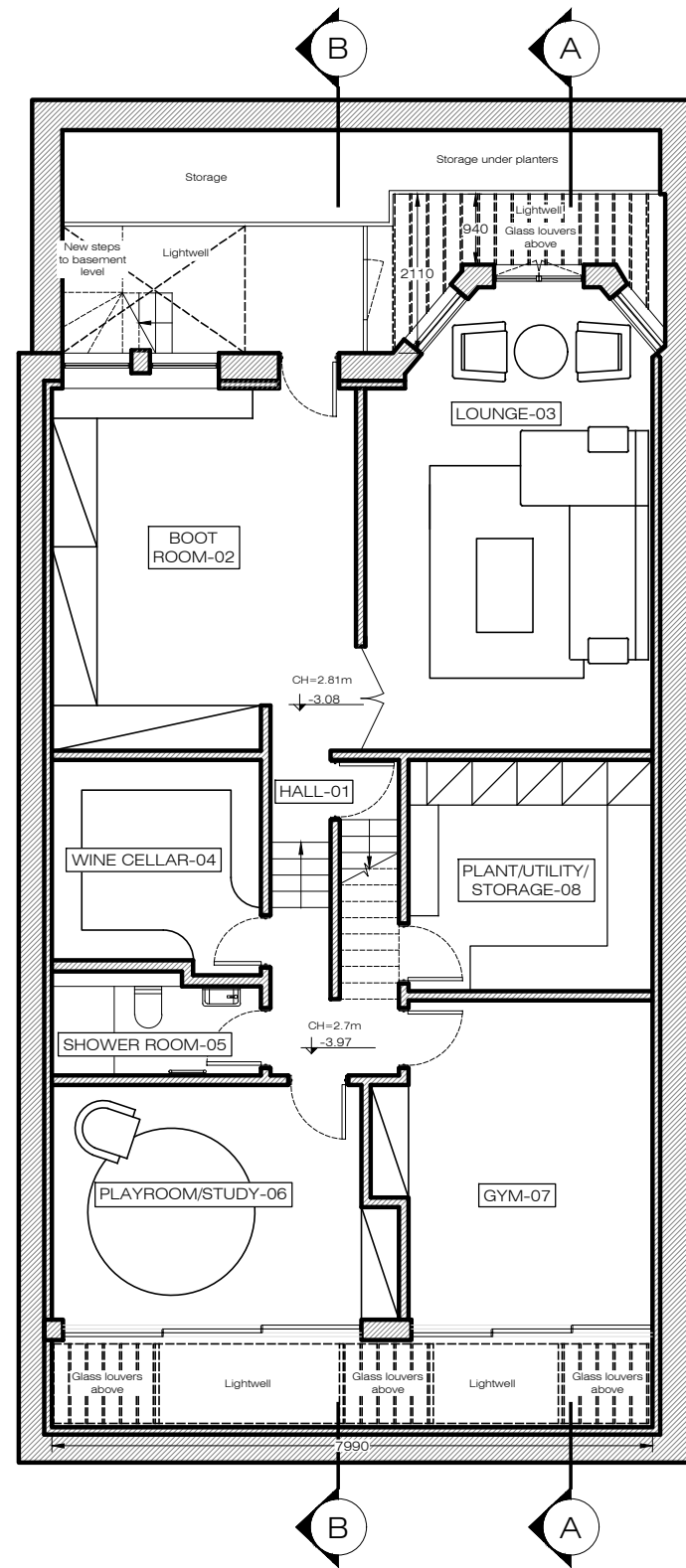
ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

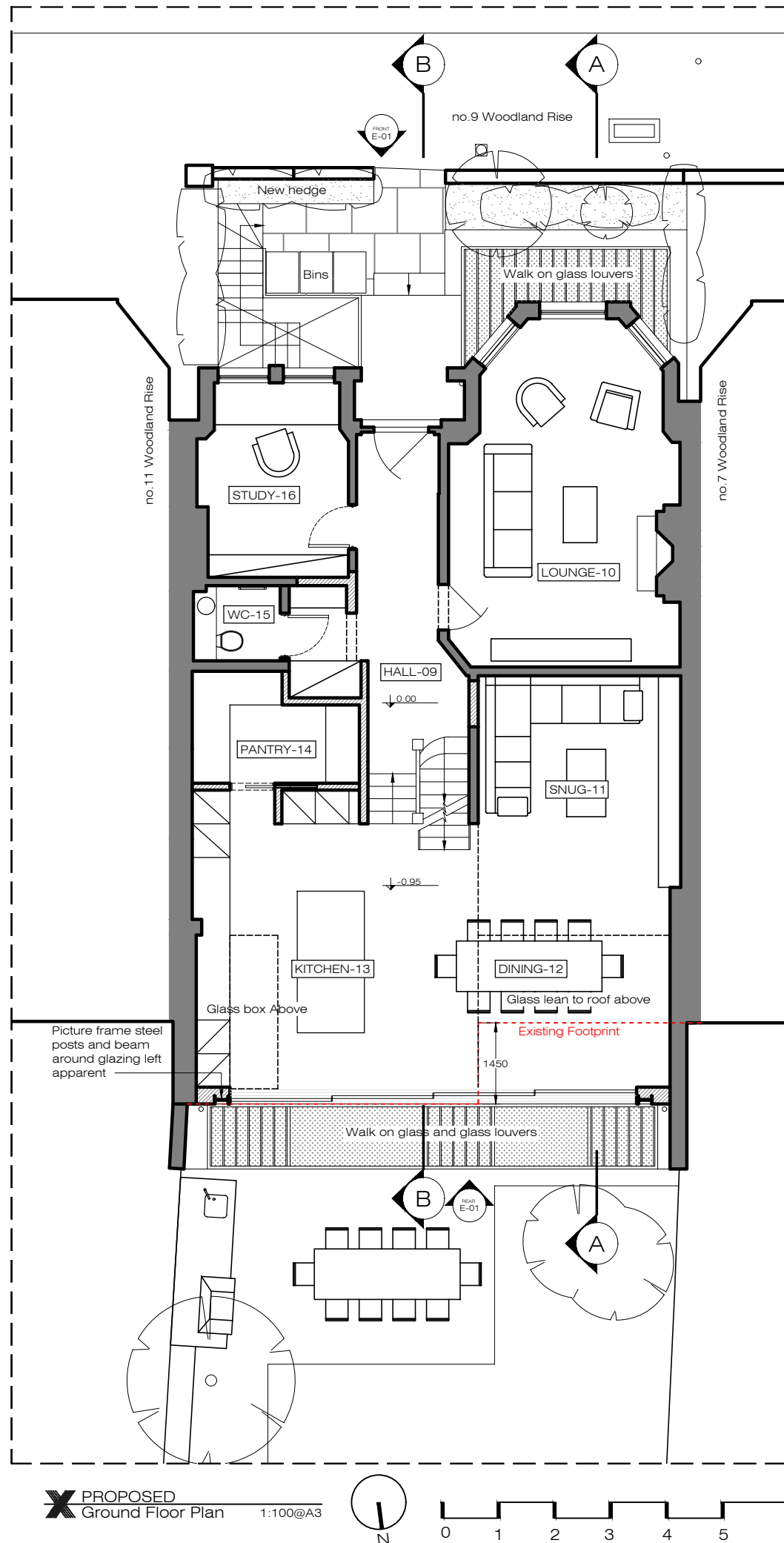
Project Address
9 Woodland Rise, N10 3UP

PROPOSED
Plans

Scale 1:100@A3	Dwg. No. PA-01
Rev. Date 14.09.21	Rev. P-04
Drawn TP	Project Number 20173
Checked SS	Issue For: PLANNING



X PROPOSED
Basement Plan 1:100@A3



X PROPOSED
Ground Floor Plan 1:100@A3

PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Address
9 Woodland Rise, N10 3UP

PROPOSED
Elevations

Scale
1:100@A3

Dwg. No.
PA-02

Rev. Date
14.09.21

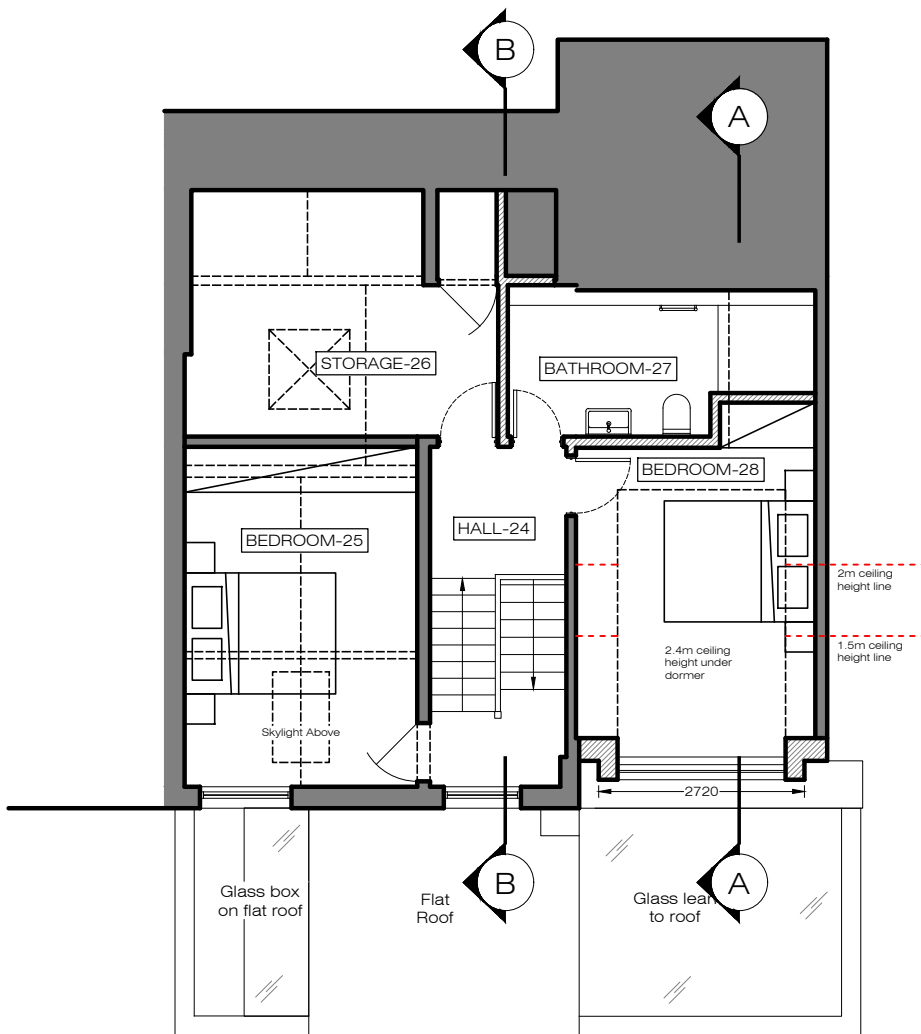
Rev.
P-03

Drawn
TP

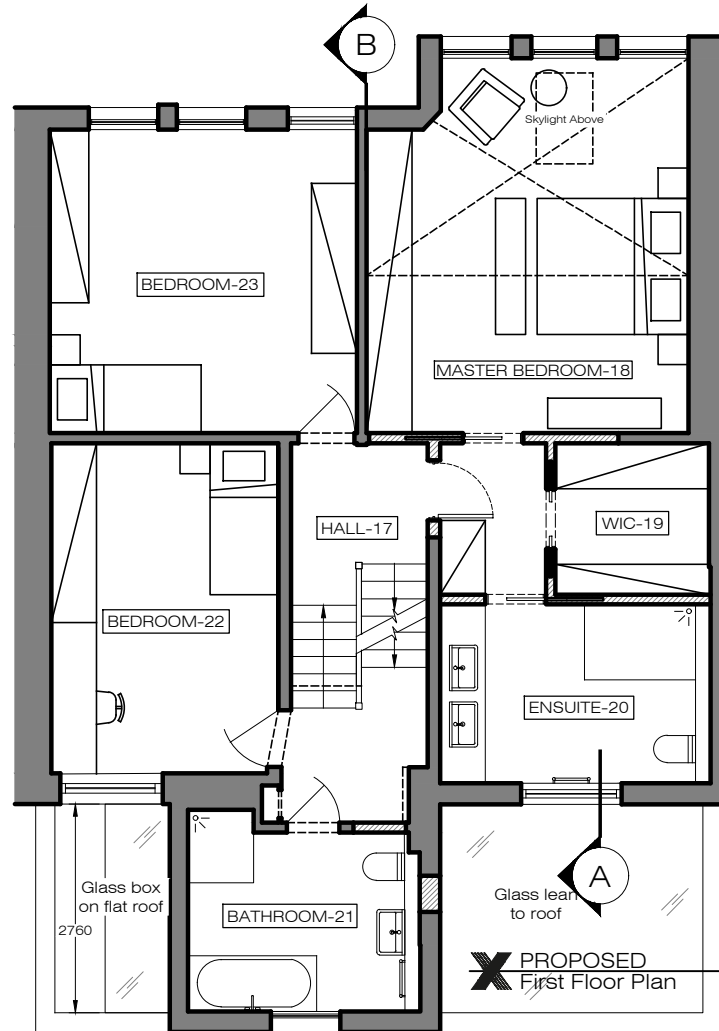
Project Number
20173

Checked
SS

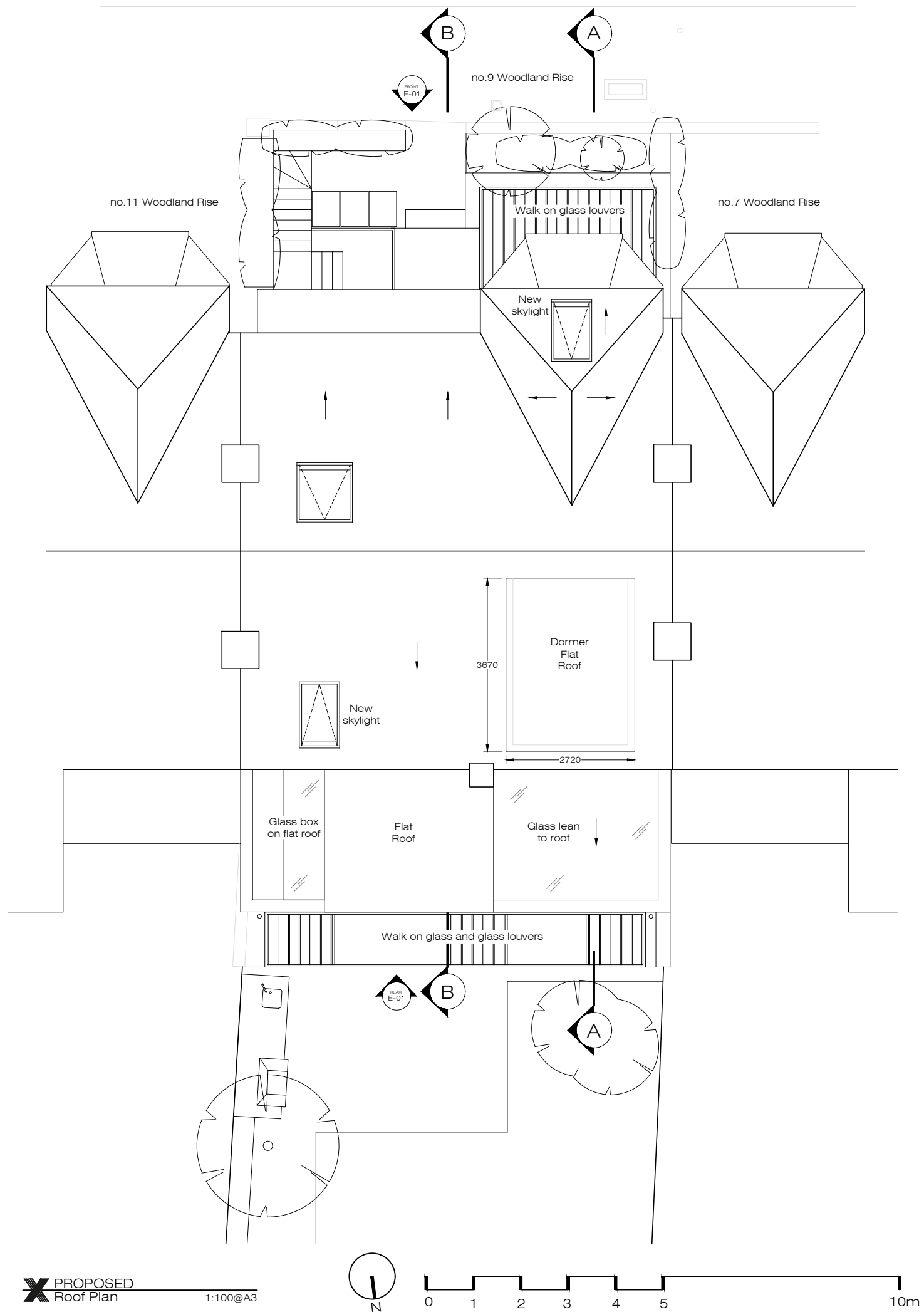
Issue For:
PLANNING



PROPOSED
Second Floor Plan 1:100@A3



PROPOSED
First Floor Plan 1:100@A3



PROPOSED
Roof Plan 1:100@A3

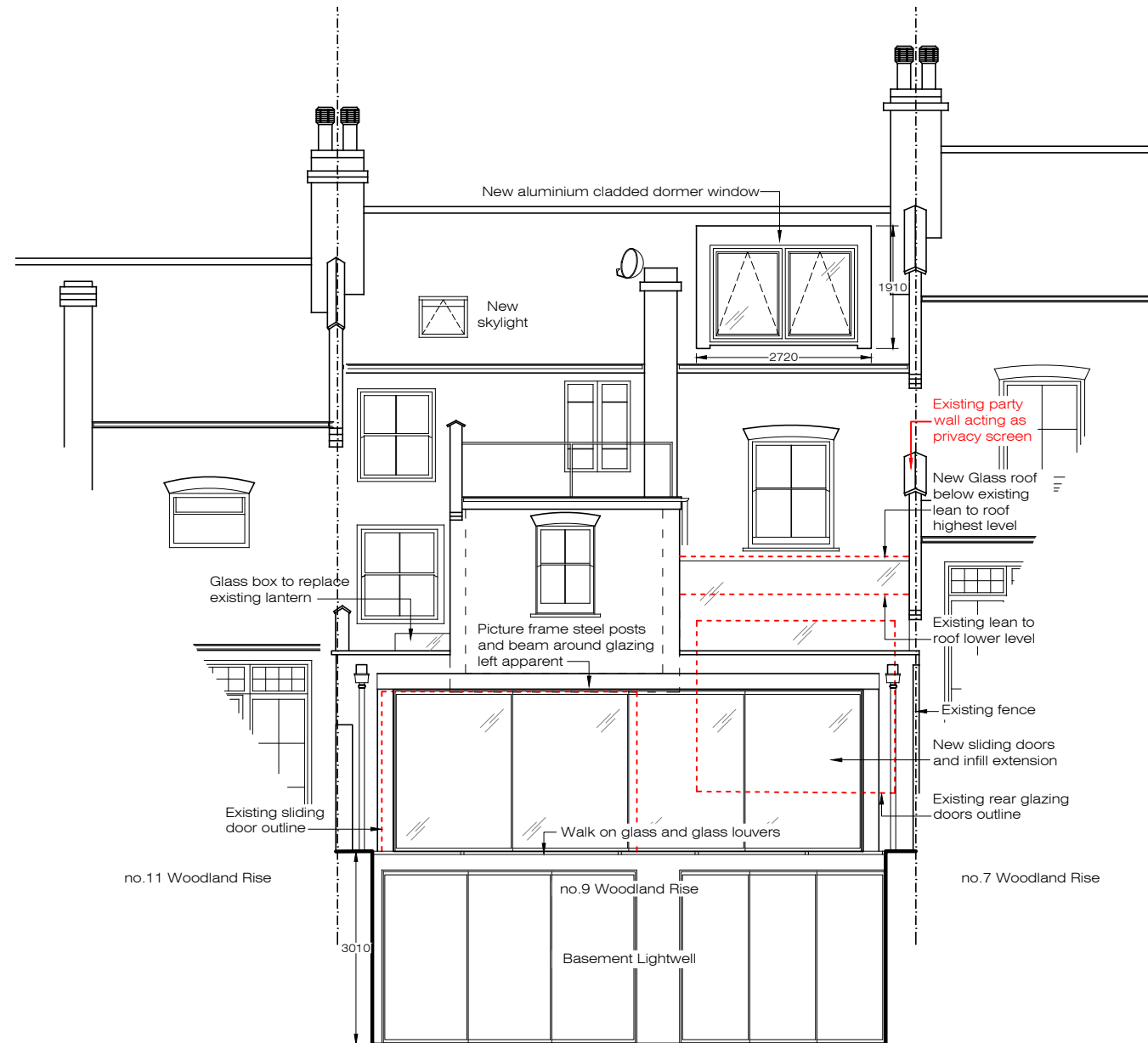
PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

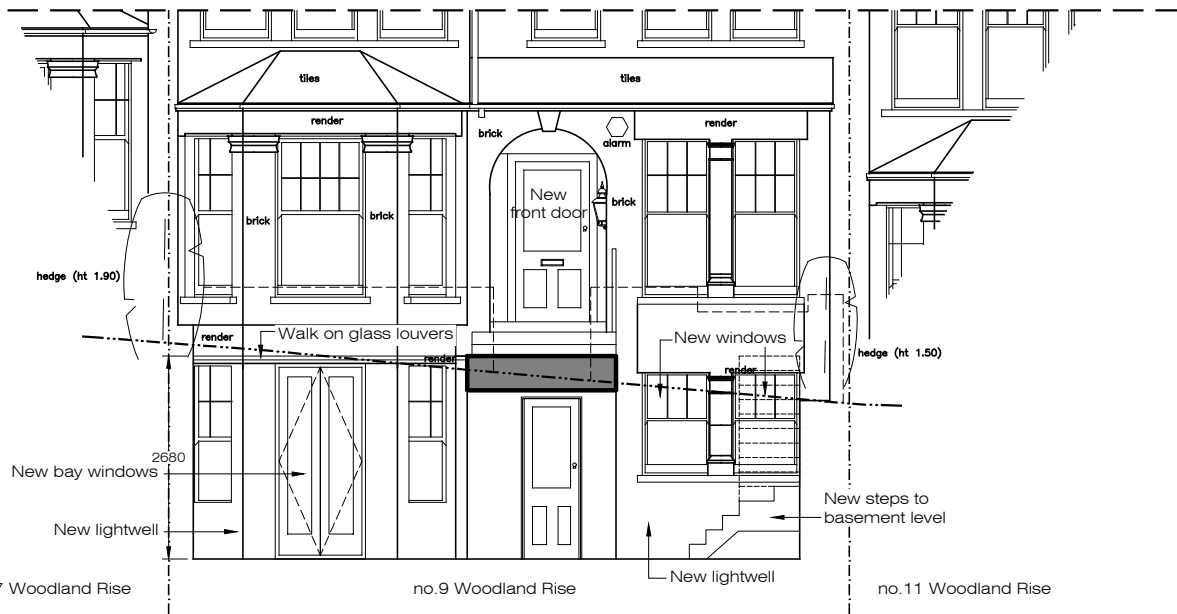
ADDITIONNAL NOTE:



X PROPOSED
Front Elevation (Street) 1:100@A3



X PROPOSED
Rear Elevation 1:100@A3



X PROPOSED
Front Elevation (Sectioned through front lightwell) 1:100@A3

X EXISTING
Rear Picture showing party wall acting as privacy screen



Issue key:	Tender (T)
Information (I)	Construction (C)
Planning (P)	As Built (B)

Project Address
9 Woodland Rise, N10 3UP

PROPOSED
Section

Scale 1:100@A3	Dwg. No. PA-03
Rev. Date 14.09.21	Rev. P-03
Drawn TP	Project Number 20173
Checked SS	Issue For: PLANNING

- PLEASE NOTE:
1. All dimensions to be checked on site before fabrication,
 2. Contractor to refer to engineers drawings before proceeding with works.
 3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
 4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
 5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
 6. Samples to be provided by contractor for XUL Architecture's approval.
 7. All finishes to XUL Architecture's satisfaction.
 8. All drawings to be approved by XUL Architecture prior to construction.

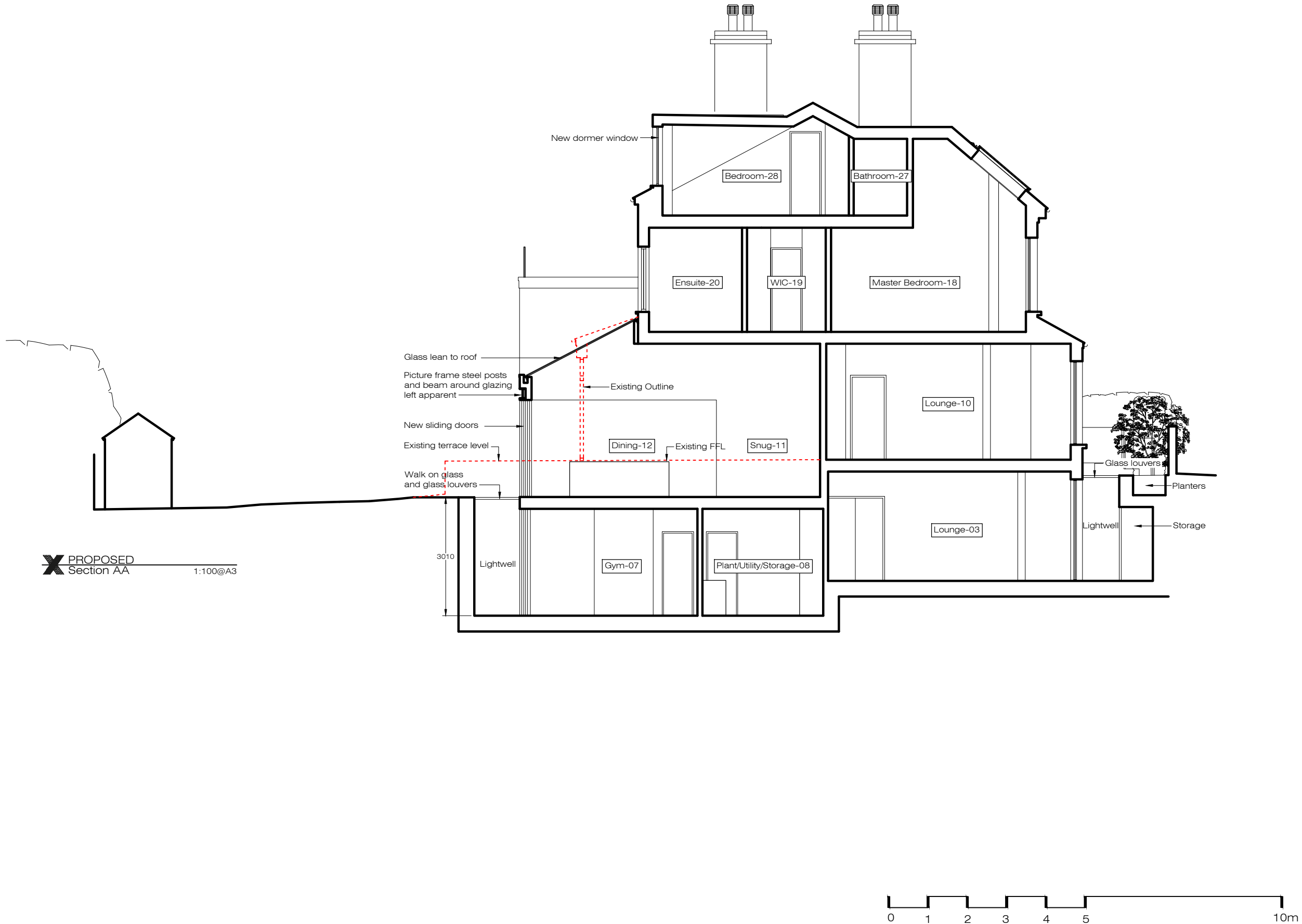
ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Adress
9 Woodland Rise, N10 3UP

PROPOSED
Section

Scale 1:100@A3	Dwg. No. PA-04
Rev. Date 14.09.21	Rev. P-02
Drawn TP	Project Number 20173
Checked SS	Issue For: PLANNING



PLEASE NOTE:

1. All dimensions to be checked on site before fabrication,
2. Contractor to refer to engineers drawings before proceeding with works.
3. All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issued without written permission by the Architect.
4. All design concepts are the sole property of the Architect and no adaptations, reproductions or copies may be made without written permission of the Architect.
5. These drawings are subject to any variation required or recommendation by any statutory authority, or for the better carrying out of the works.
6. Samples to be provided by contractor for XUL Architecture's approval.
7. All finishes to XUL Architecture's satisfaction.
8. All drawings to be approved by XUL Architecture prior to construction.

ADDITIONNAL NOTE:

Issue key: Tender (T)
Information (I) Construction (C)
Planning (P) As Built (B)

Project Adress
9 Woodland Rise, N10 3UP

PROPOSED
Section

Scale
1:100@A3

Dwg. No.
PA-05

Rev. Date
14.09.21

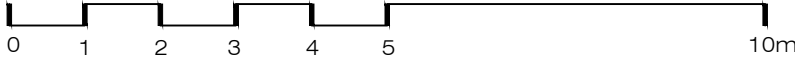
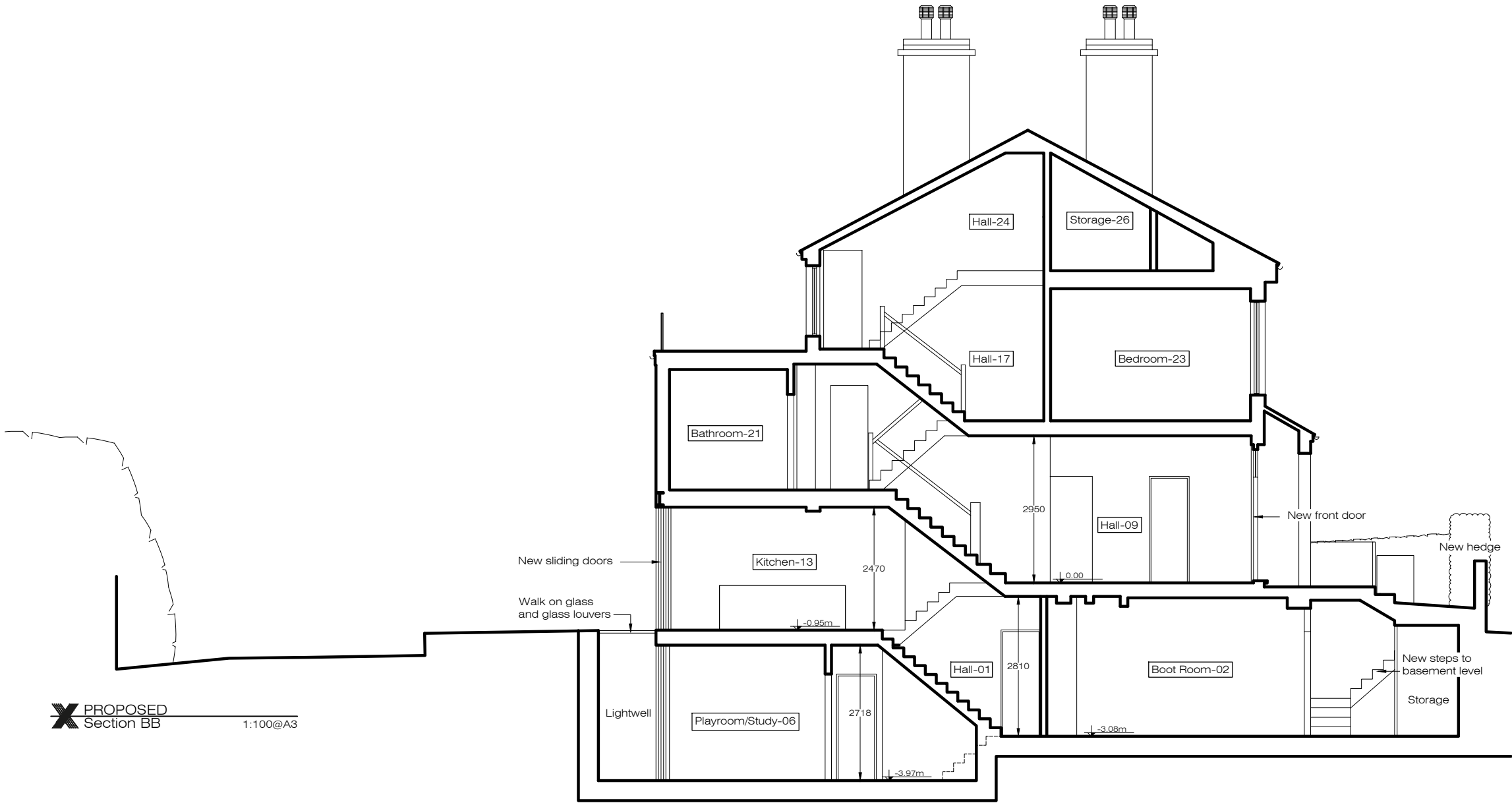
Rev.
P-02

Drawn
TP

Project Number
20173

Checked
SS

Issue For:
PLANNING





Geotechnical &
Environmental
Associates

Herts:

Widbury Barn
Widbury Hill
Ware
Hertfordshire
SG12 7QE
tel 01727 824666
mail@gea-ltd.co.uk

Notts:

Church Farm
Gotham Road
Kingston on Soar
Notts
NG11 0DE
tel 01509 674888
midlands@gea-ltd.co.uk

Manchester:

Peter House
Oxford Street
Manchester
M1 5AN
tel 0161 209 3032
mail @ gea-ltd.co.uk