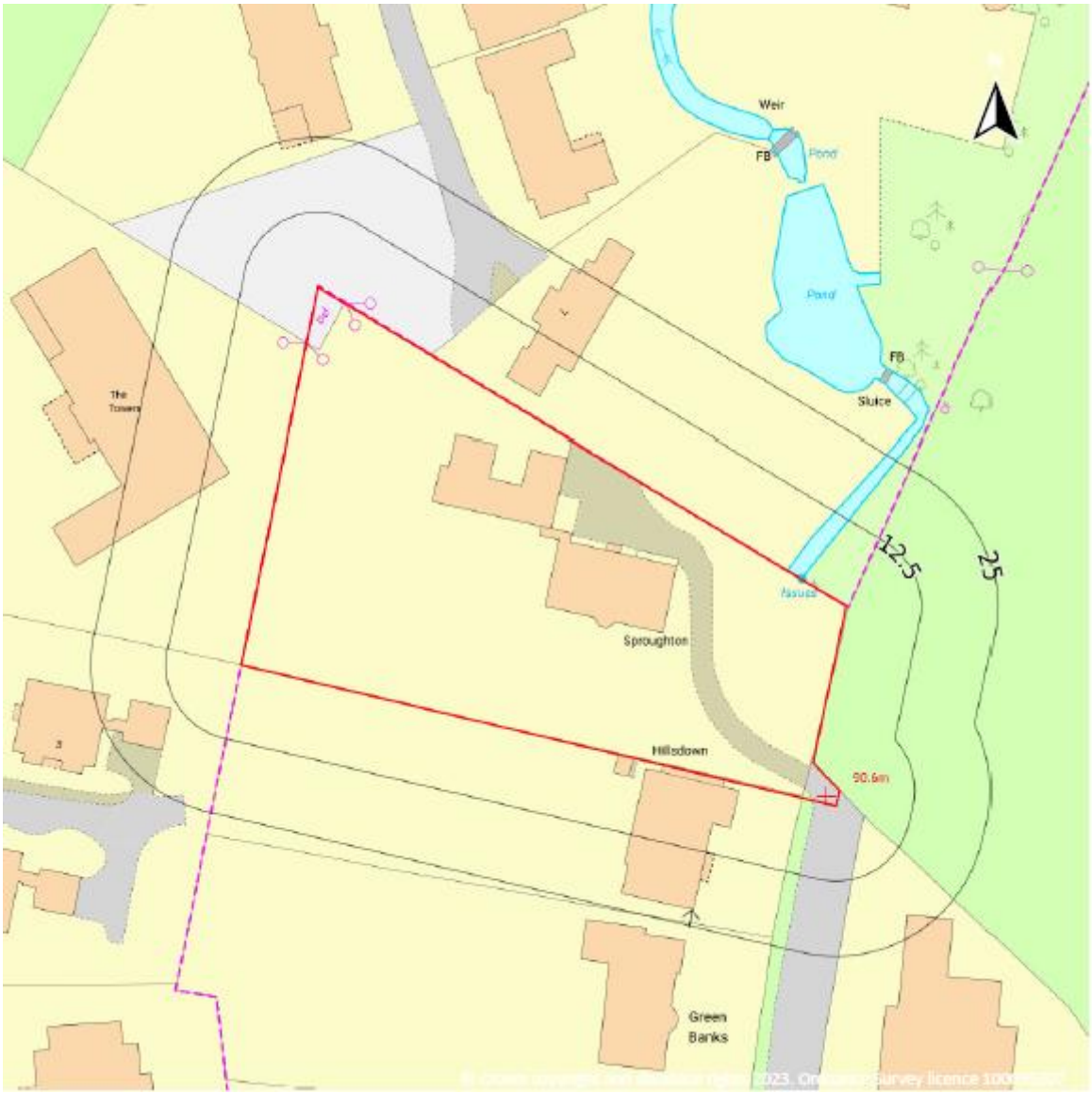
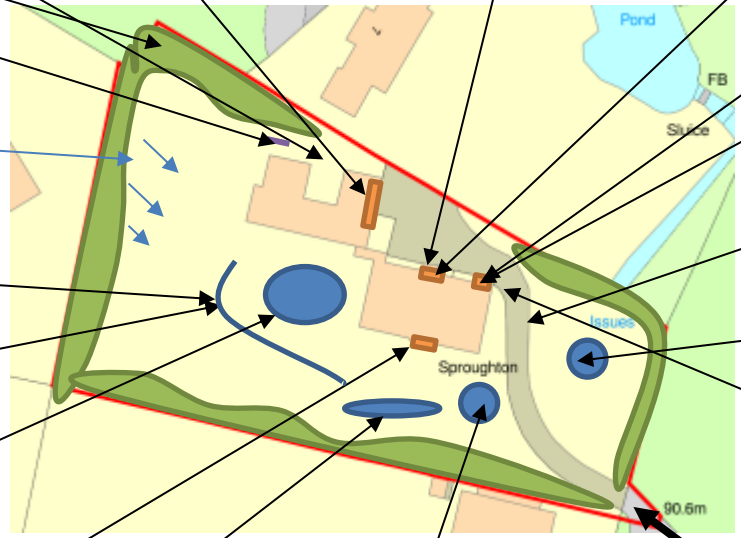
APPENDICES

APPENDIX 1 – FIGURES

PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Site Location Plan	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE**	1



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Constraints Plan	**PROJECT NO.**	P5137J2802
DATE	23/05/2023	**FIGURE NO.**	2



Vegetation and Trees approximately cover 3m from north to south.

Vegetation and Trees (green)

Courtyard Gate approx. 2.15m (H) x 1.85m (W)

Garage double doors. One door: 2.64m

Front door approx. 1.92m (H) x 1.20m (W)

Front End 3 side steps approx. 0.16m (H) each. Total: 0.48m (H)

Front End side door approx. 2.0m (H) x 0.73m (W)

Front End 2 steps approx. 0.22m (H) each. Total: 0.44m (H)

Free standing wall approx. 2.35m (H)

Direction of slope is west to southeast.

3 steps within retaining wall approx. 0.23m (H) each. Total: 0.69m (H)

Outdoor light fixture along driveway leading up to house along edge of road.

Fountain diameter: 1.9m

Decorative retaining wall border approx. 0.63m

Retaining wall approx. 0.49m

Swimming Pool approx. 10m x 3m

Conservatory door approx. 1.65m (H) x 1.33m (W)

Pond 2 approx. 1.30m (W) x 5.60 (L)

Pond 1 oval shaped - approx. 1.90 (W) x 3.3m (L)

Access – front gate approx. 3.54m (W)

PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Photo Plan	**FIGURE**	3

Photo 1: Main gate on to site 3.5m(w).

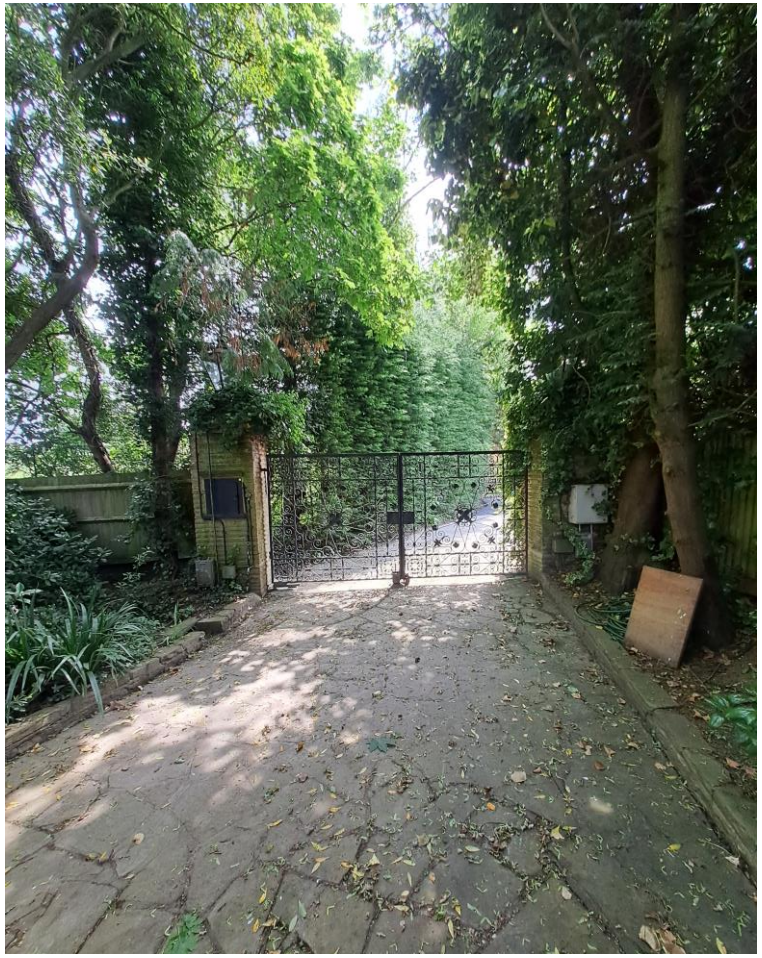
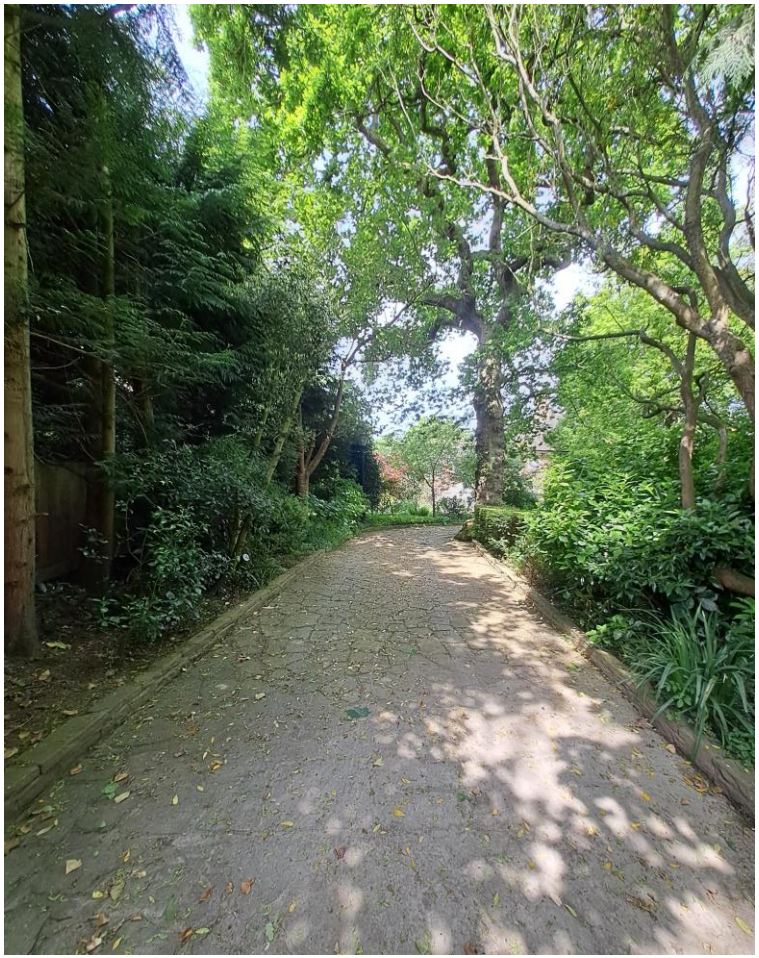


Photo 2: Pathway down to property.



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Photo Plan	**FIGURE**	3

Photo 3: Paved area at the front of the property, extra space for parking.



Photo 4: The true front of the building faces the east side of the property. Here the area is paved and there is enough space for parking.



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Photo Plan	**FIGURE**	3

Photo 5: The front garden is to the left side on accessing the property from the main gate.

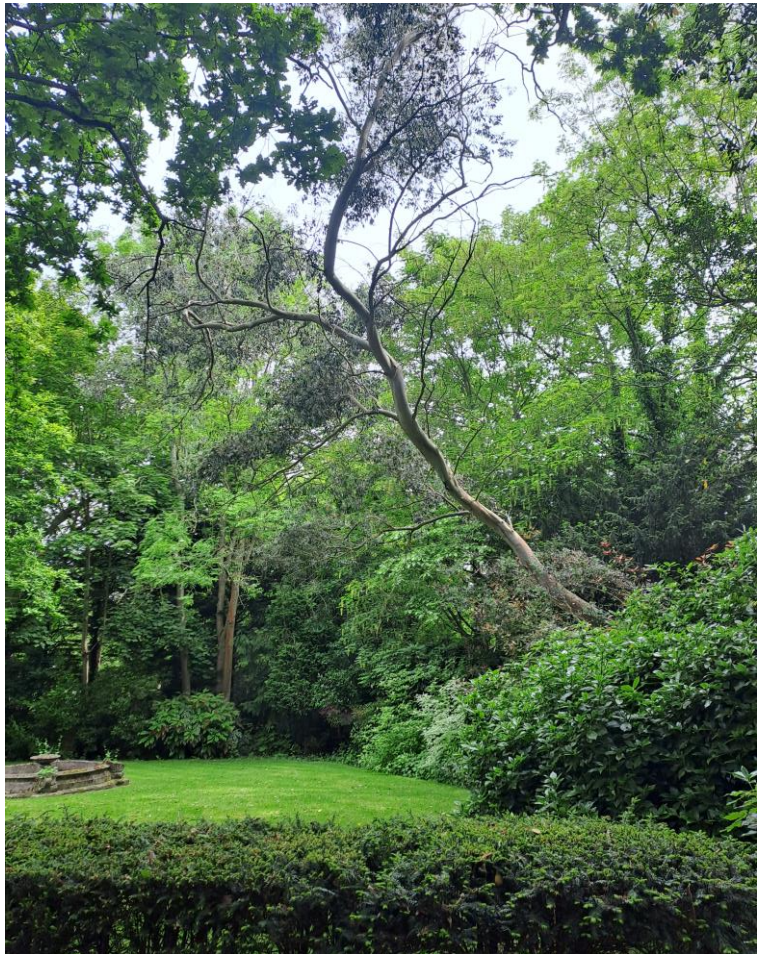


Photo 6: Pond in the middle of the front garden, diameter 1.9m.

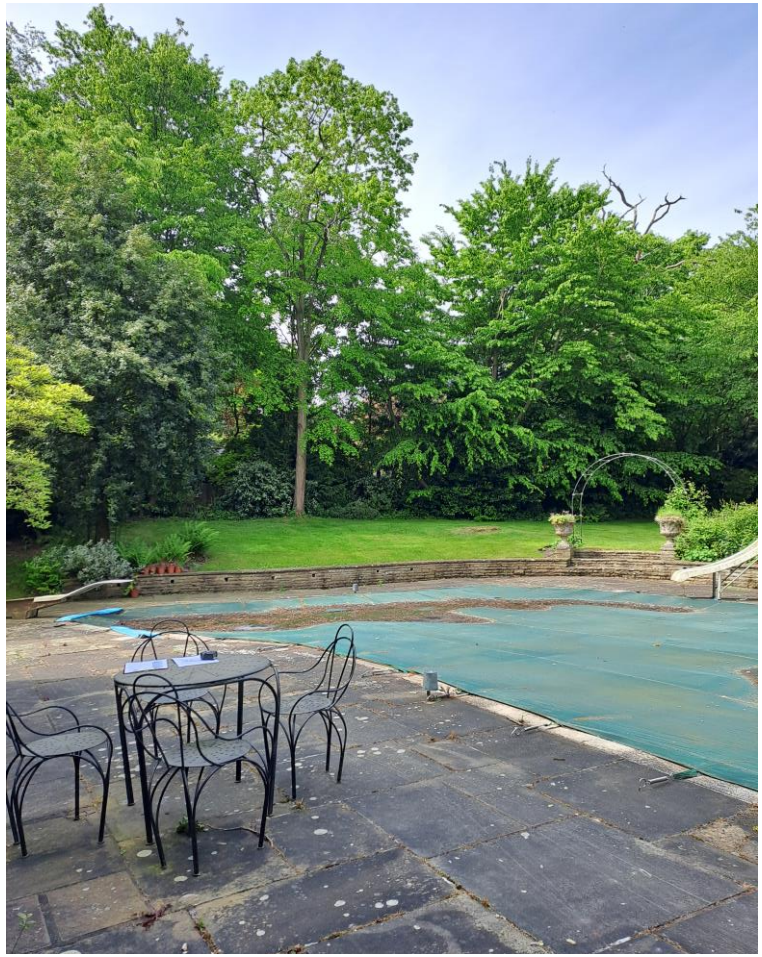


PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Photo Plan	**FIGURE**	3

Photo 7: Retaining wall (49cm) separating back lawn from swimming pool area. Pool dimensions 10m x 3m



Photo 8: Overview of garden area.



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Photo Plan	**FIGURE**	3

Photo 9: Pond 1, dimensions 1.9m x 3.3m.



Photo 10: Pond 2, dimensions 5.6m x 3.3m.



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Photo Plan	**FIGURE**	3

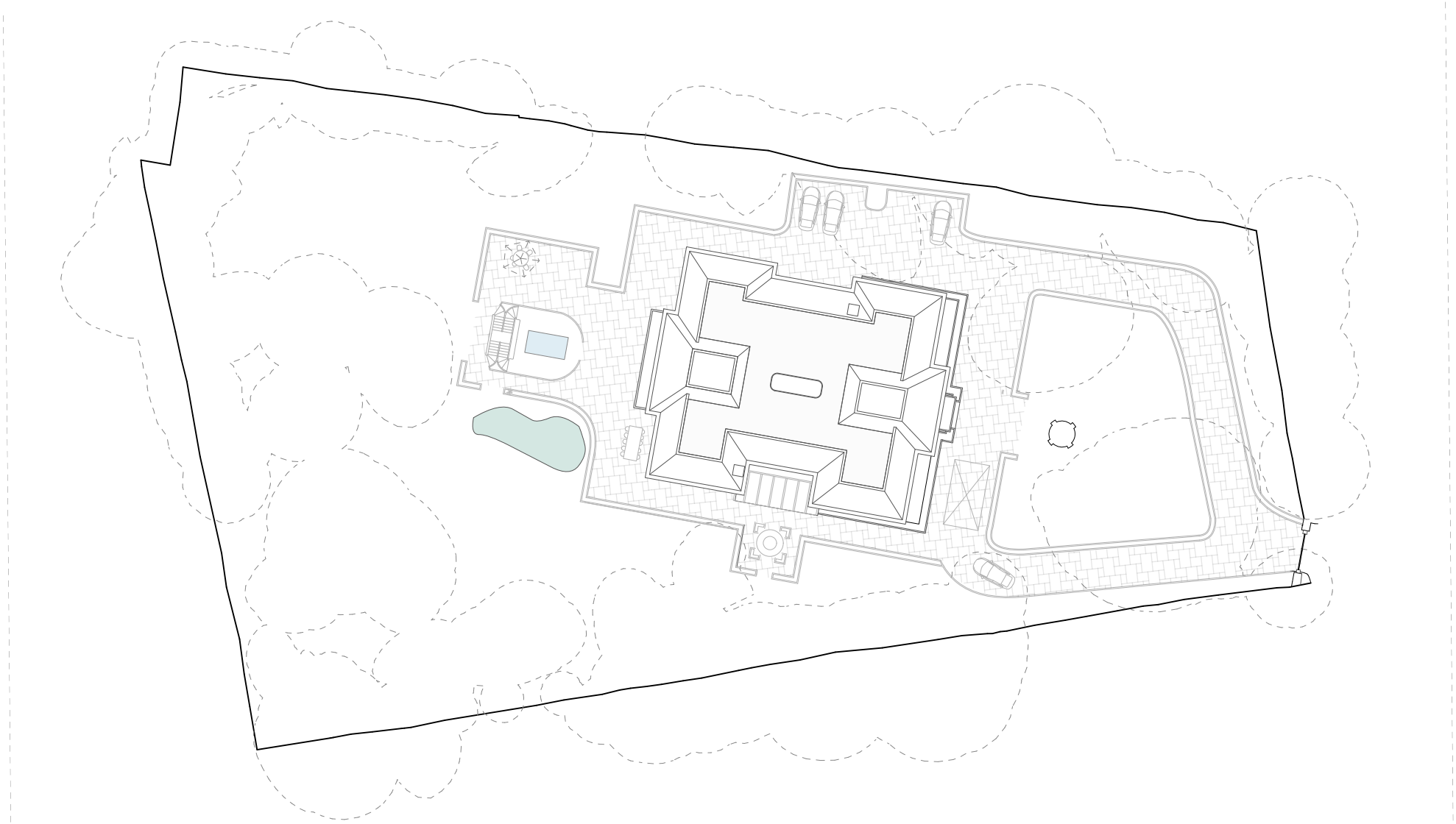
Photo 11: Rear of the property. There is a freestanding wall with a height of 2.35m.



Photo 12: Door access to the secondary building courtyard 1.85m(w) x 2.05m (h).



Figure 4a: Proposed Site Plan



LOKI ARCHITECTURE & DEVELOPMENT

info@loki-architecture.com
www.loki-architecture.com

07340 . 009 . 811

PROJECT
Sproughton, 22 Courtenay Ave
N6 4LP, London

DRAWN BY
Brigitte Clements

DRAWING
18_N64_00_2/2
Proposed Site Plan

Scale
1:500 (A4)

DATE
24 November 2022

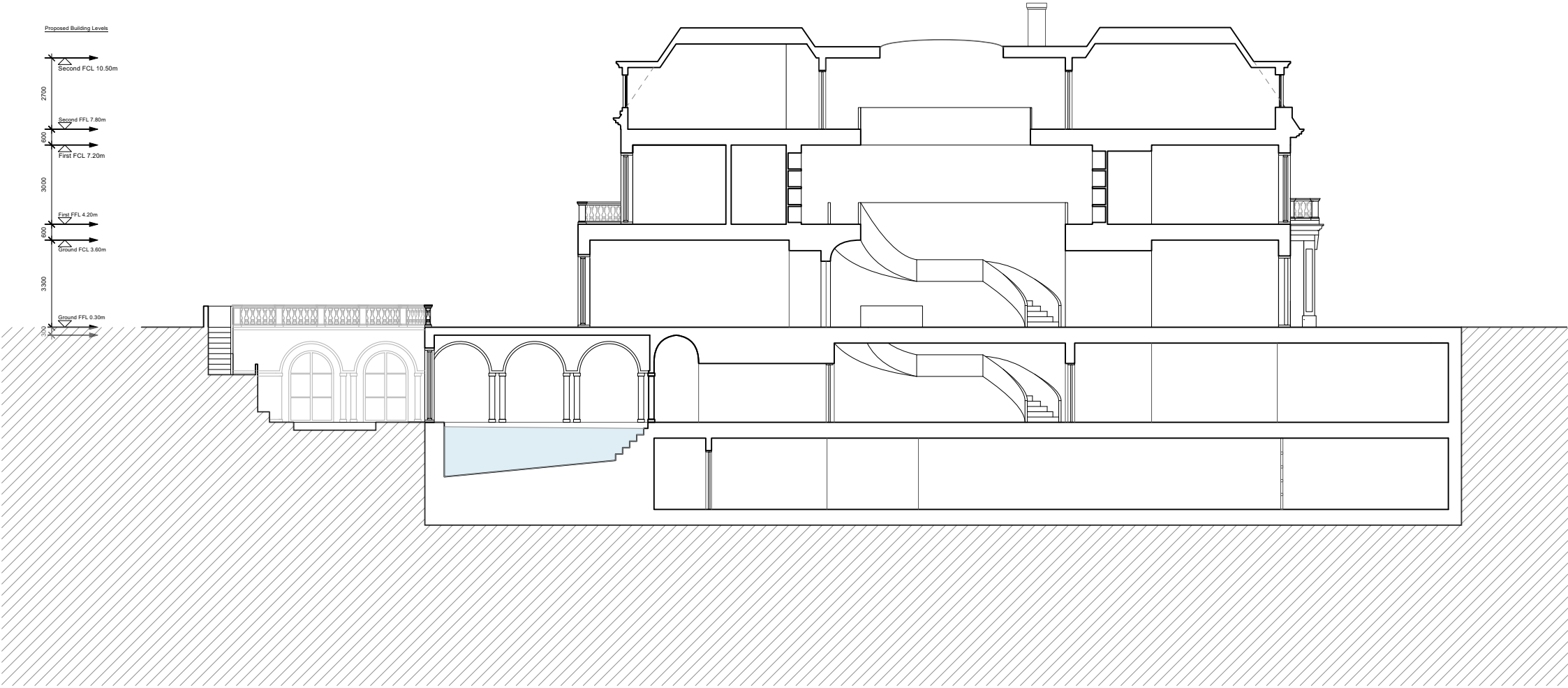
5 15 45m

NORTH

GENERAL NOTES

The drawing is copyright of LOKI Architecture & Development Ltd. This is a draft drawing produced for a feasibility study and shall not be used as construction drawings. This drawing shall not be scaled. All dimensions are in mm unless otherwise stated. All dimensions shall be checked on site prior to commencing works and any discrepancies to be reported to LOKI Architecture & Development Ltd.

Figure 4b: Proposed Section



LOKI ARCHITECTURE & DEVELOPMENT

info@loki-architecture.com
www.loki-architecture.com

07340 . 009 . 811

PROJECT
Sproughton, 22 Courtenay Ave
N6 4LP, London

DRAWN BY
Brigitte Clements

DRAWING
18-N64_D5
Longitudinal Section
Proposed

Scale 1:200 (A4)

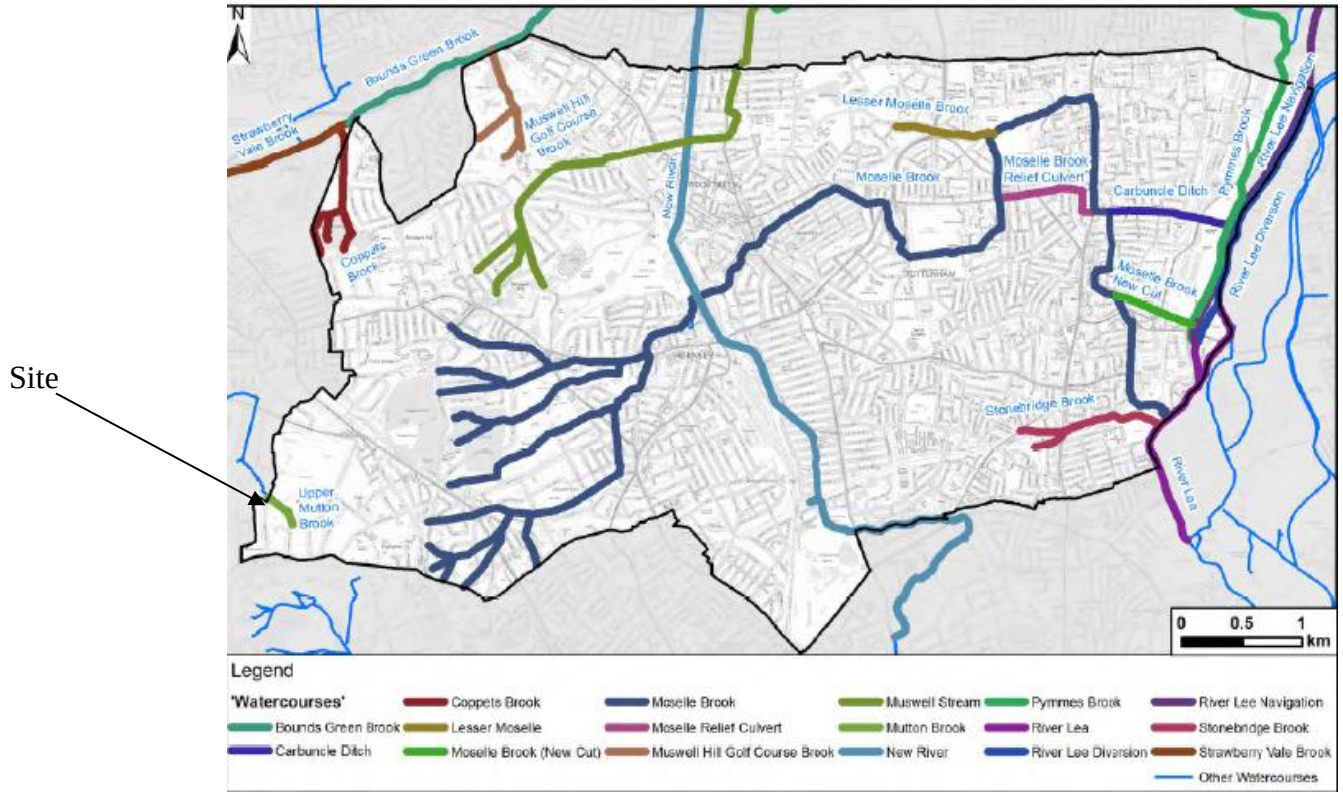
DATE
28 November 2022

DRAFT

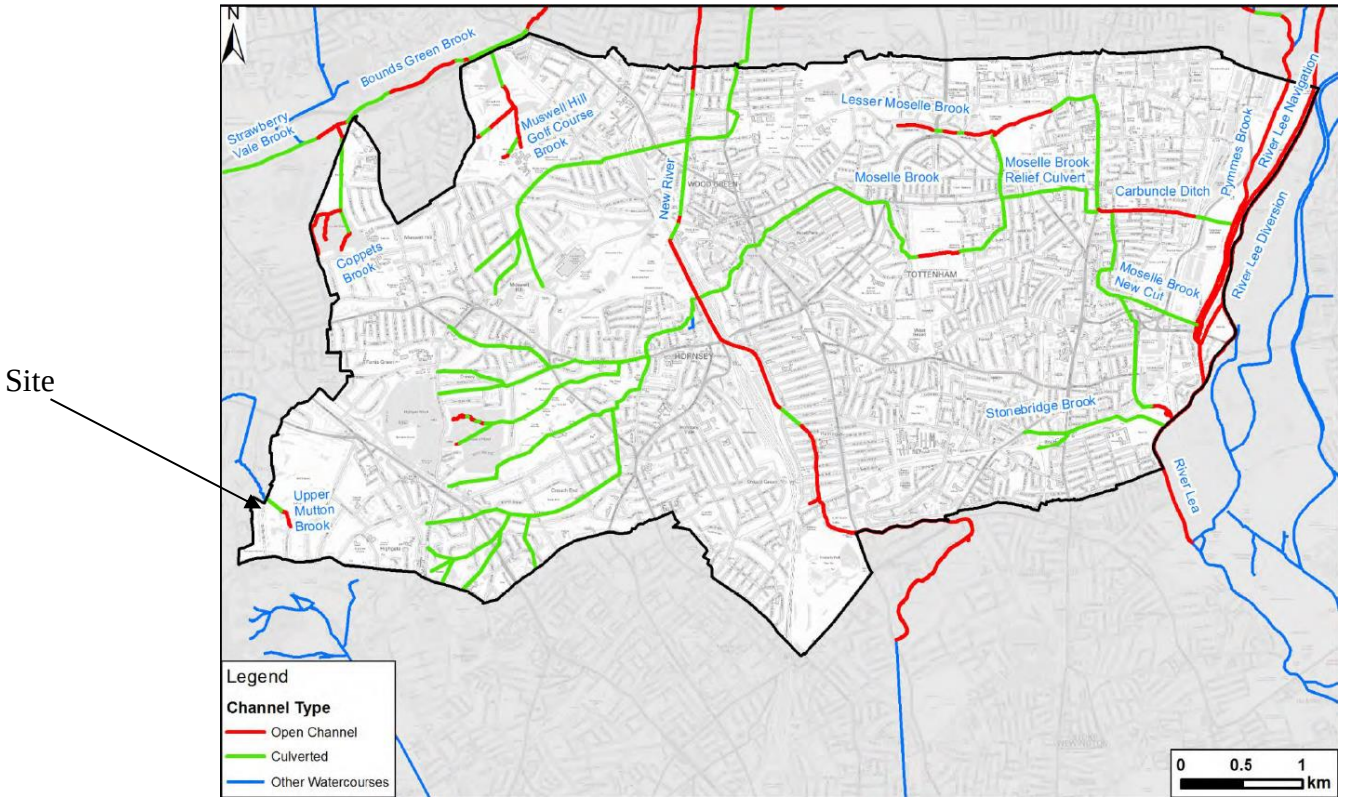
GENERAL NOTES

The drawing is copyright of LOKI Architecture & Development Ltd. This is a draft drawing produced for a feasibility study and shall not be used as construction drawings. This drawing shall not be scaled. All dimensions are in mm unless otherwise stated. All dimensions shall be checked on site prior to commencing works and any discrepancies to be reported to LOKI Architecture & Development Ltd.

PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Watercourses	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	5

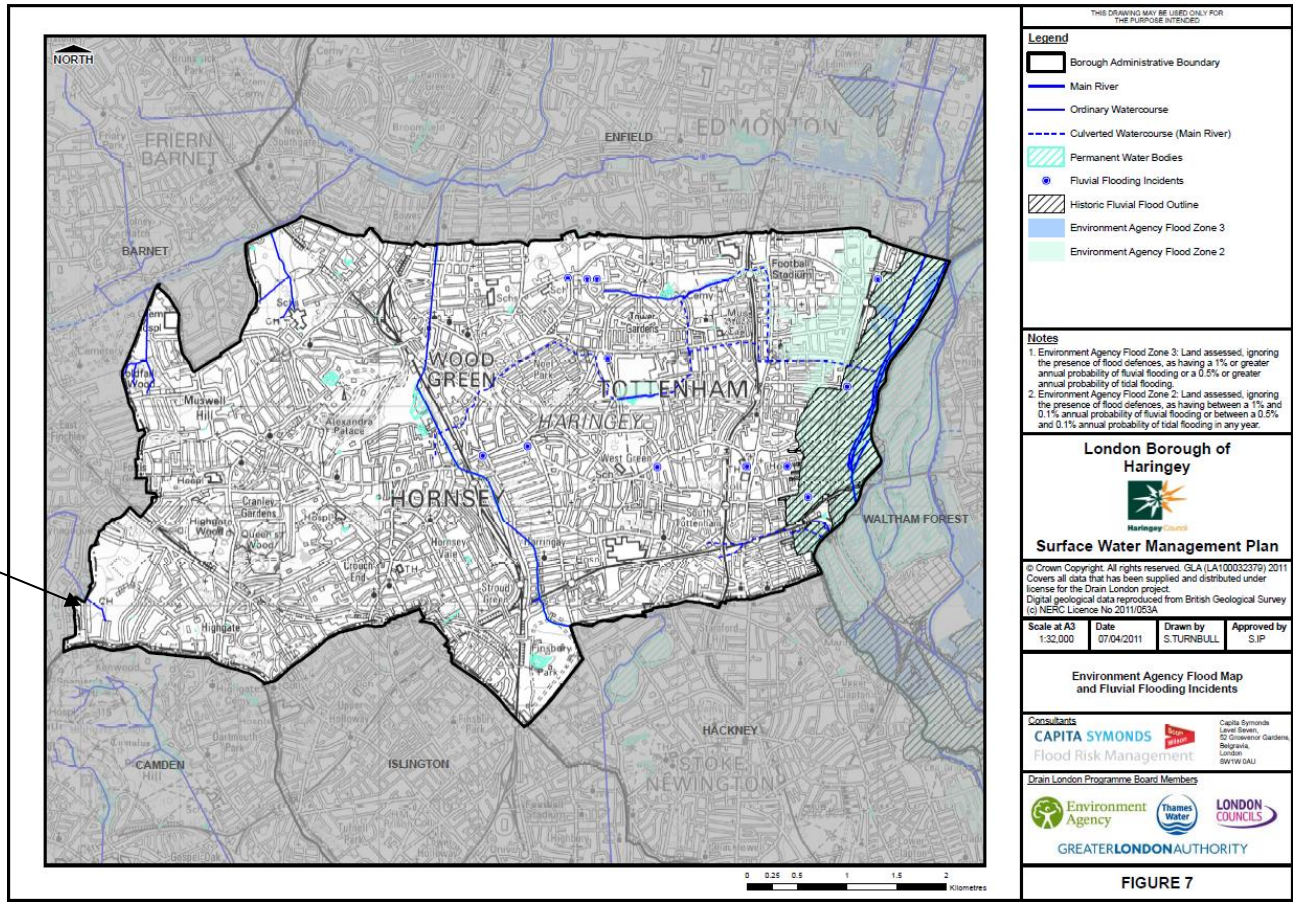


PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Channel Type	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	6



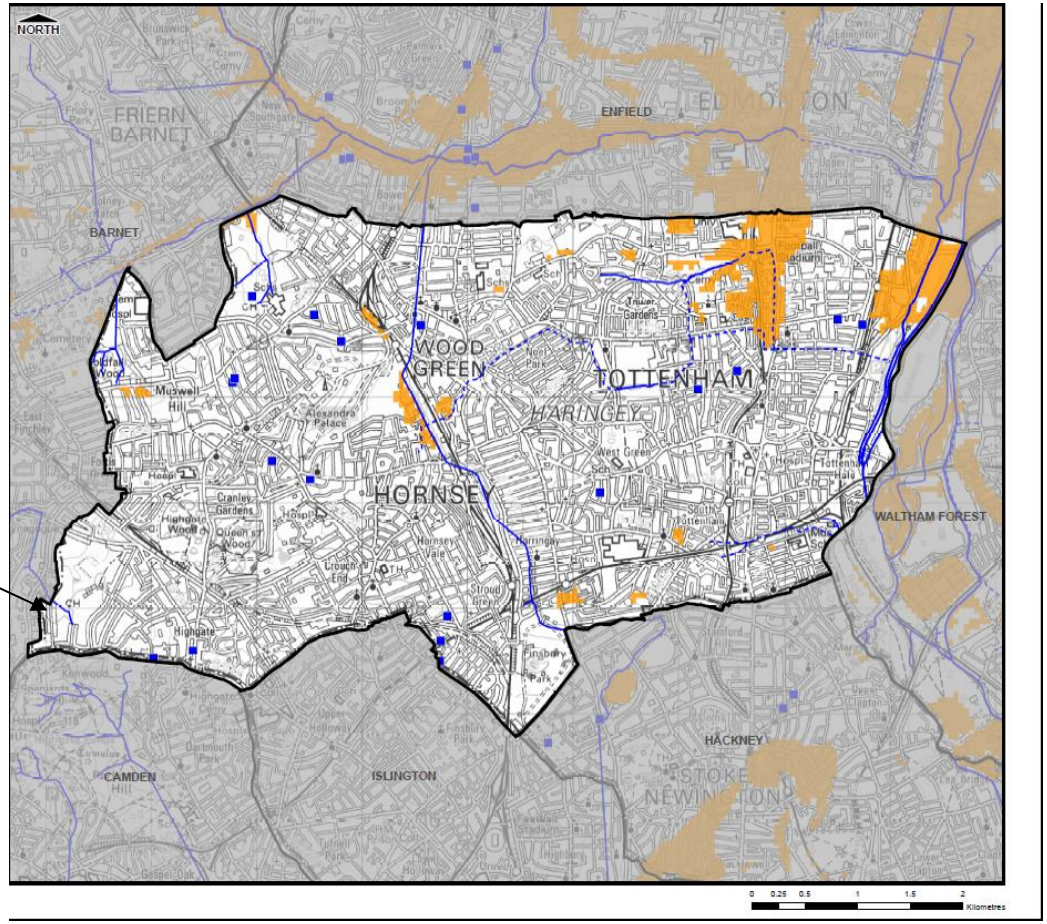
PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Fluvial incidents	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	7

Site



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Permeable deposits	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	8

Site



Legend

- Borough Administrative Boundary
- Main River
- Ordinary Watercourse
- Culverted Watercourse (Main River)
- Groundwater Flood Incident (EA Records)
- Groundwater Flood Incident (Other Records)

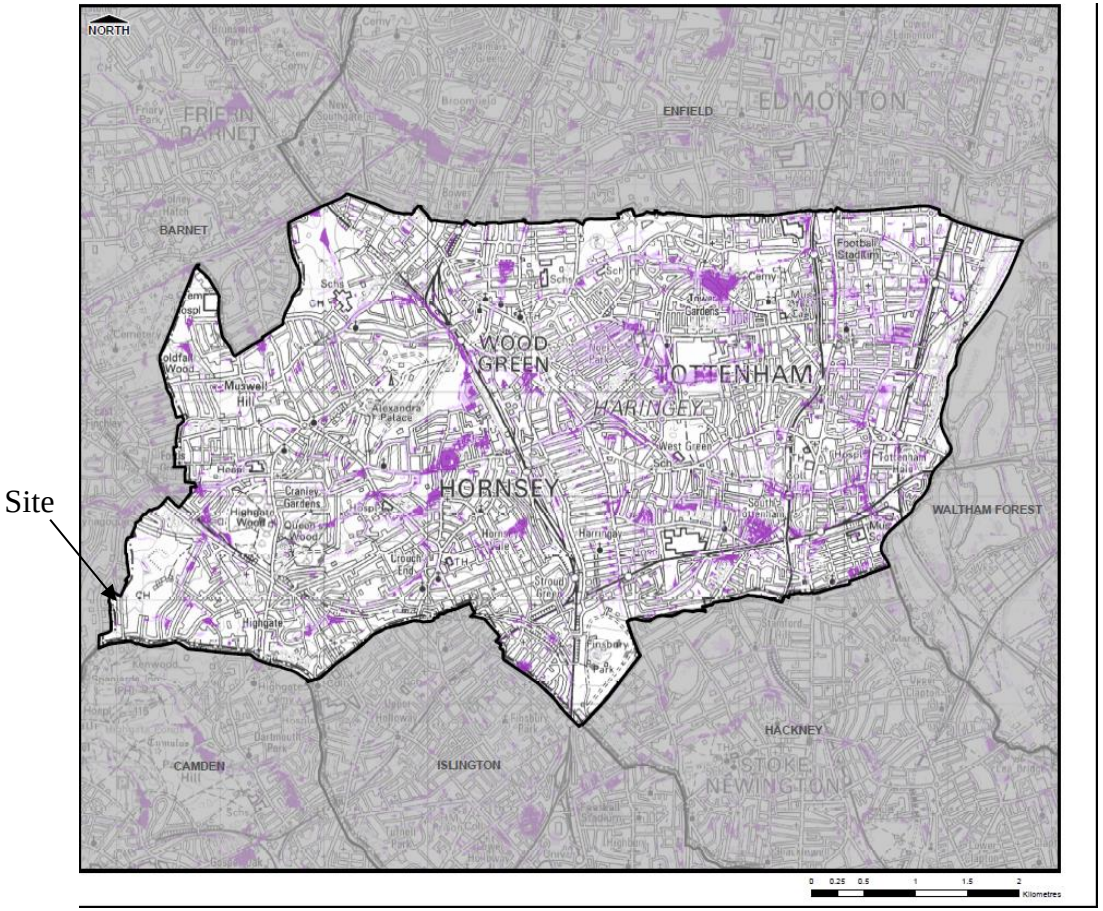
Increased Potential for Elevated Groundwater in

- Permeable Superficial Deposits
- Consolidated Aquifers

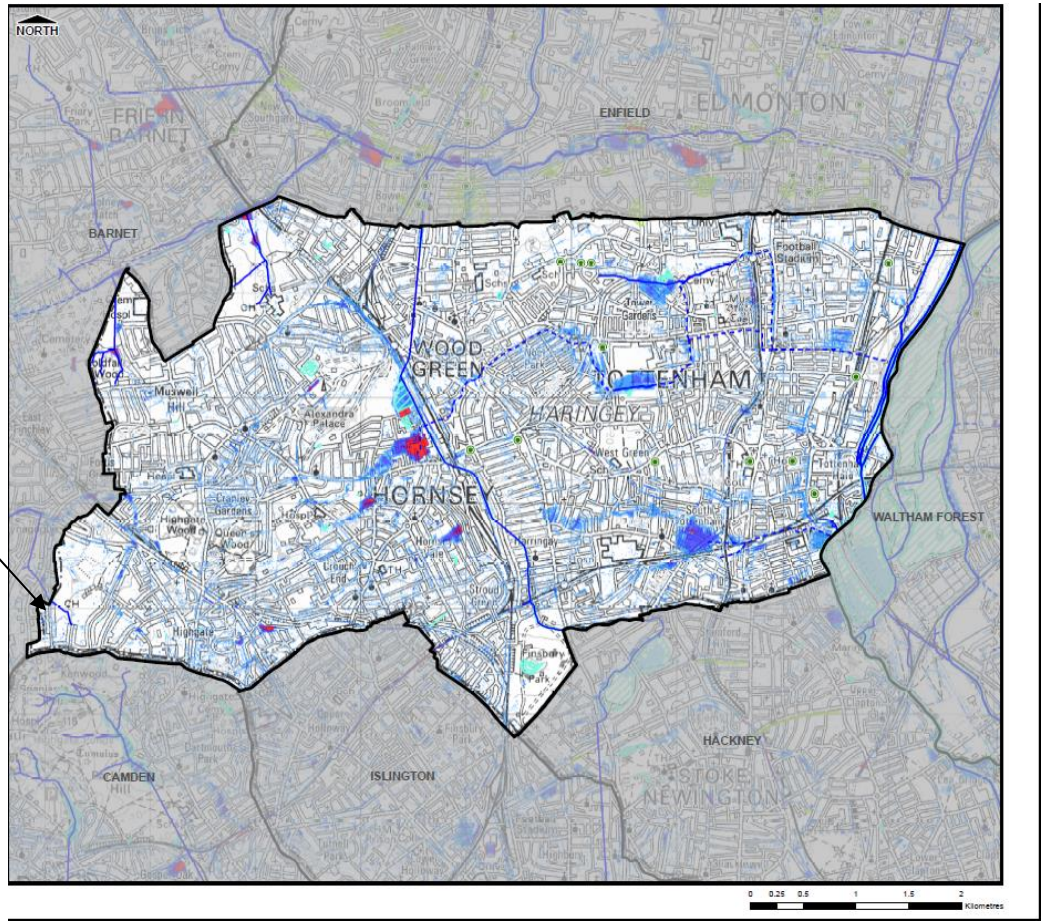
Notes

1. The increased Potential for Elevated Groundwater map shows those areas within the London Boroughs where there is an increased potential for groundwater to rise sufficiently to interact with the ground surface or be within 2 m of the ground surface. Such groundwater rise could lead to the following consequences
   - flooding of basements of buildings below ground level;
   - flooding of buried services or other assets below ground level;
   - inundation of farmland, roads, commercial, residential and amenity areas;
   - flooding of ground floors of buildings above ground level; and
   - overflowing of sewers and drains.
2. Incident records shown are generally unconfirmed and may include issues such as water main bursts or non-groundwater related problems.
3. Areas not shown to have increased potential for elevated groundwater should be considered to have a low potential for elevated groundwater – Lack of information does not imply 'no potential' of elevated groundwater in that area.
4. Includes groundwater flood mapping provided by JBA Consulting Copyright © Jeremy Benn Associates Limited 2008 - 2011, partially derived from data supplied by the Environment Agency

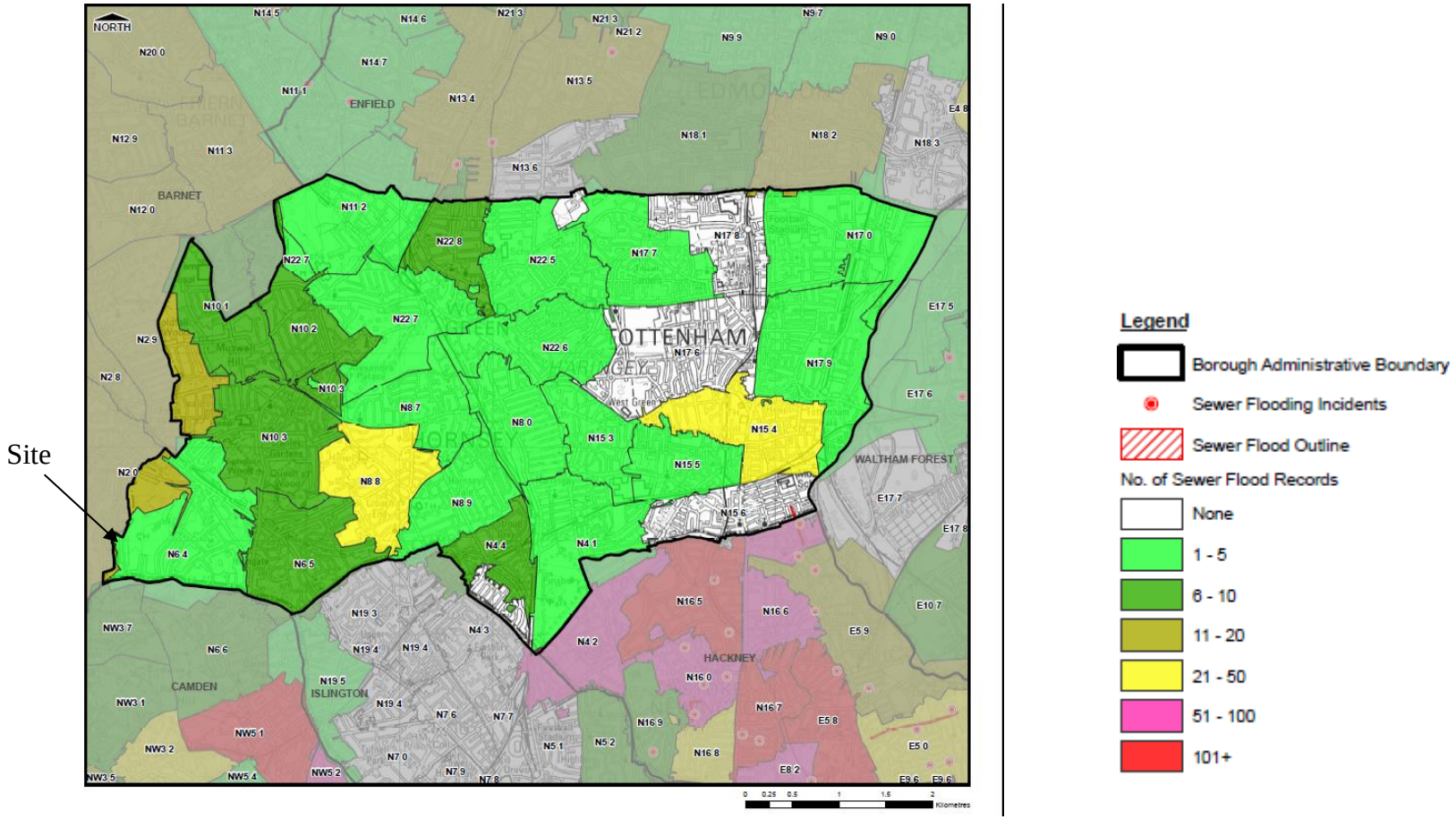
PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Surface water event 200yr	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	9



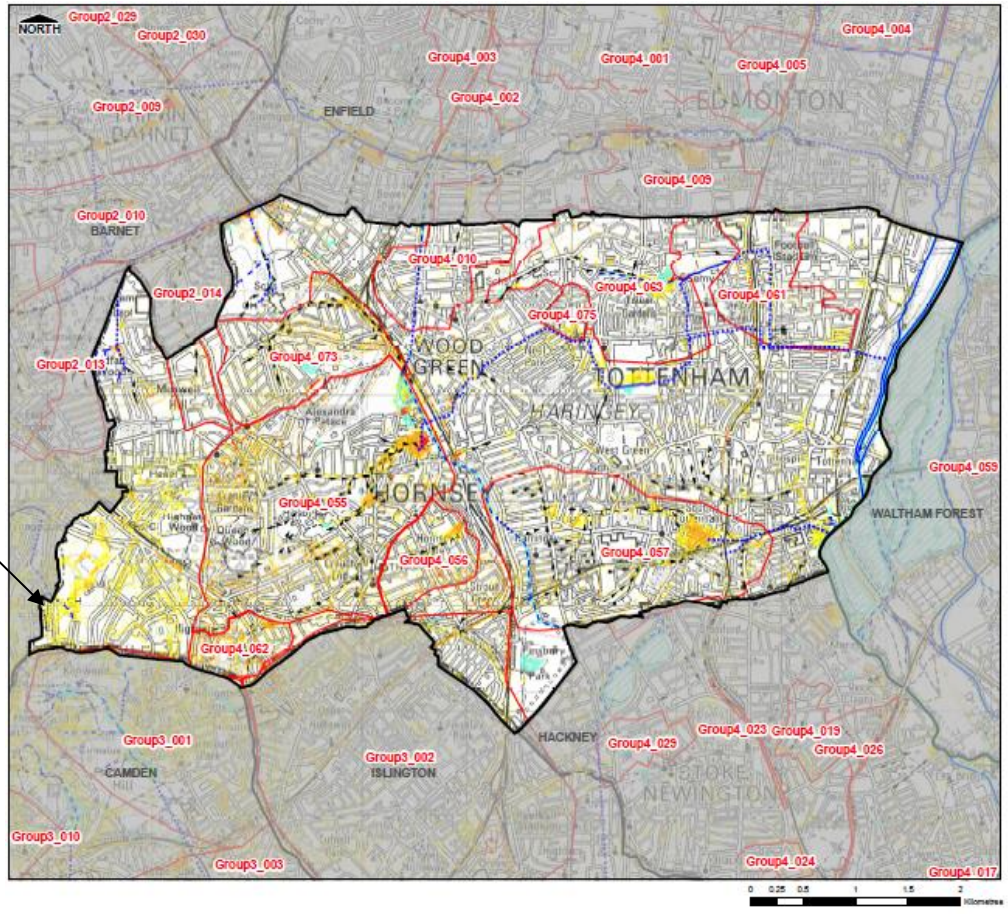
PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Surface water flooding	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	10



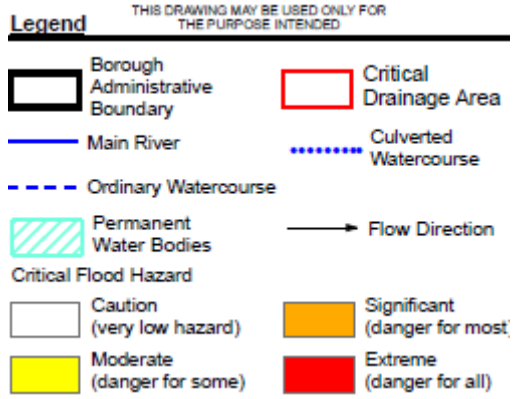
PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Sewer flooding	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	11



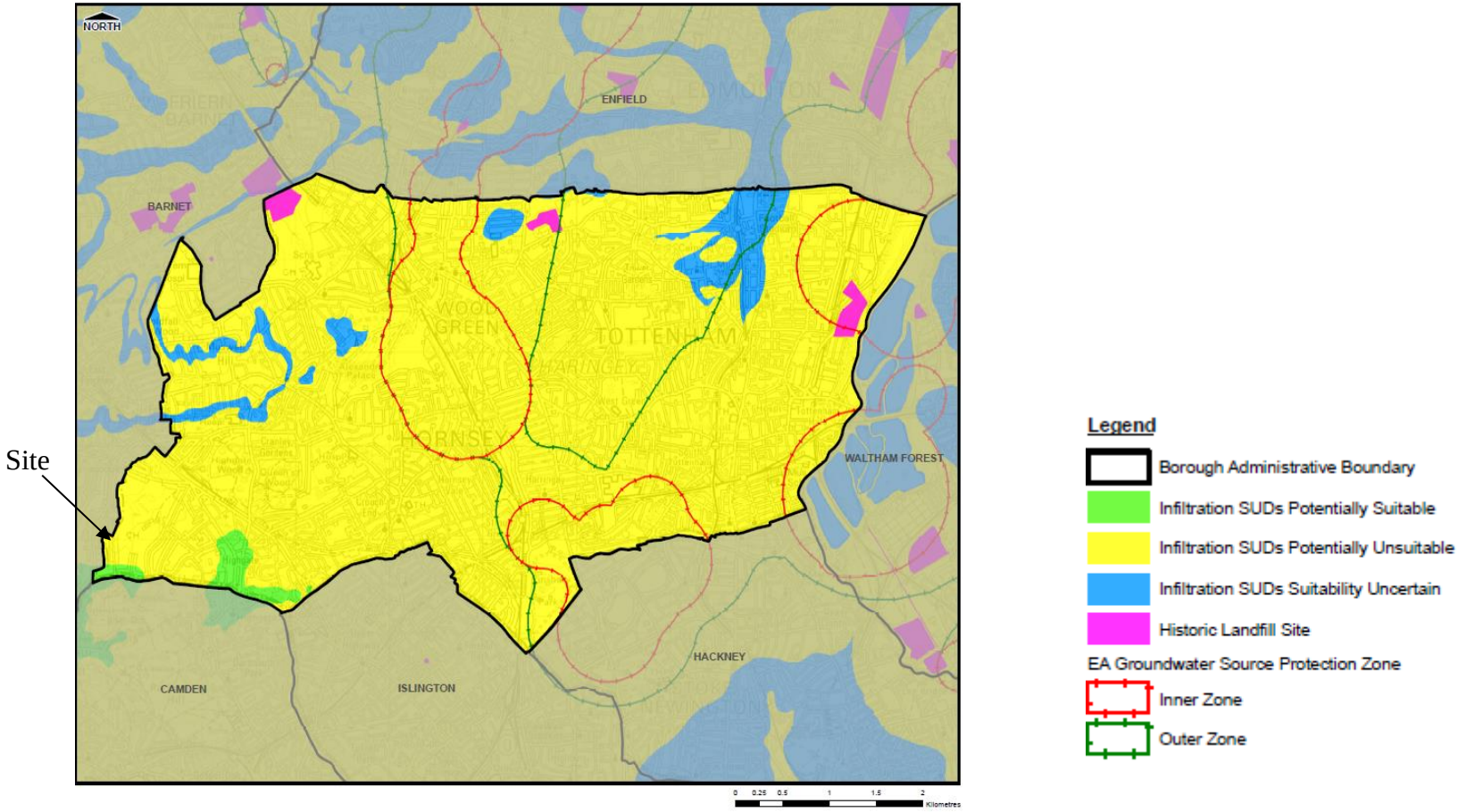
PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Surface water flooding	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	12



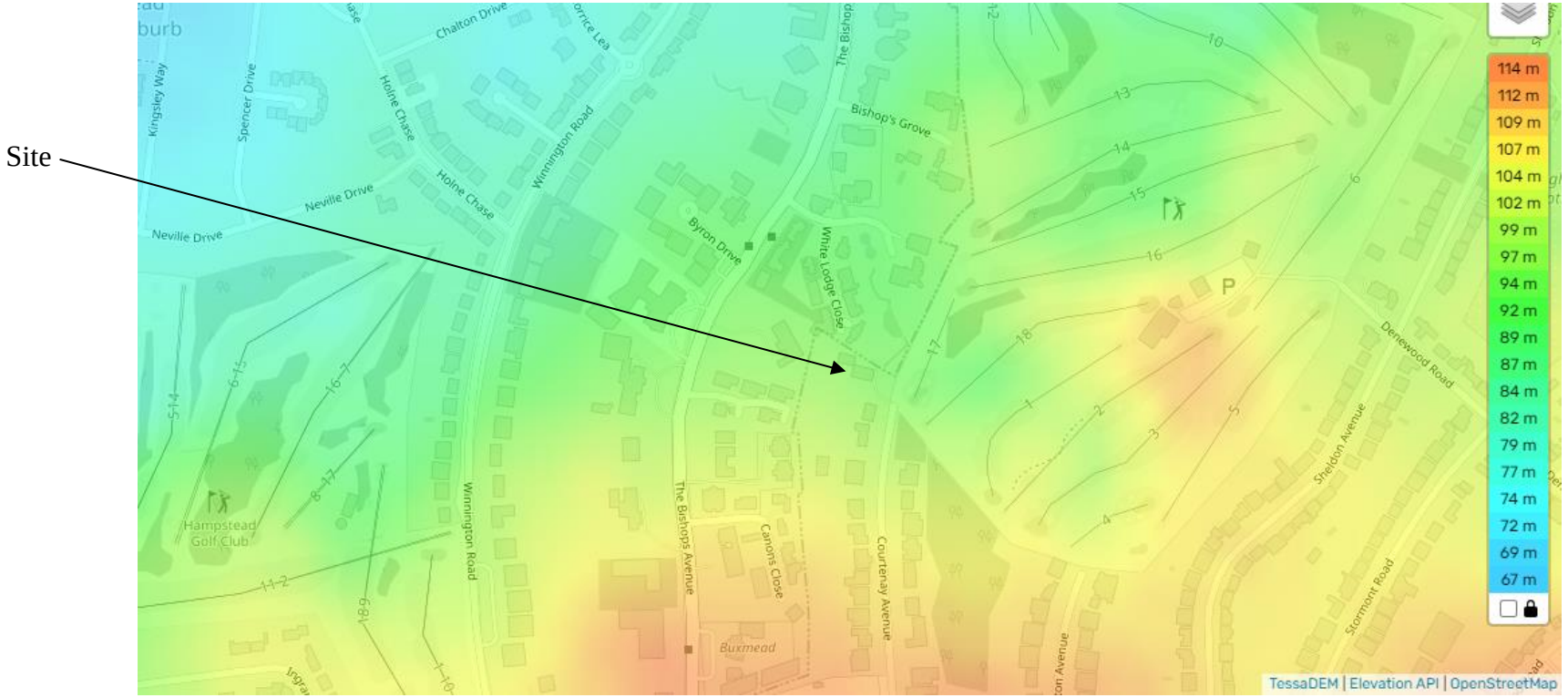
Site



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	SUDS	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	13



PROJECT NAME	Sproughton, Courtenay Avenue, London, N6 4LR	**CLIENT**	Leonidas Polemis
TITLE	Topography	**PROJECT NO.**	P5137J2802
DATE	May 2023	**FIGURE NO.**	14



APPENDIX 2 – GROUNDSURE REPORTS

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

SPROUGHTON, COURTENAY AVENUE, HORNSEY, LONDON, N6 4LR

Order Details

Date: 19/05/2023

Your ref: P5137J2802-1

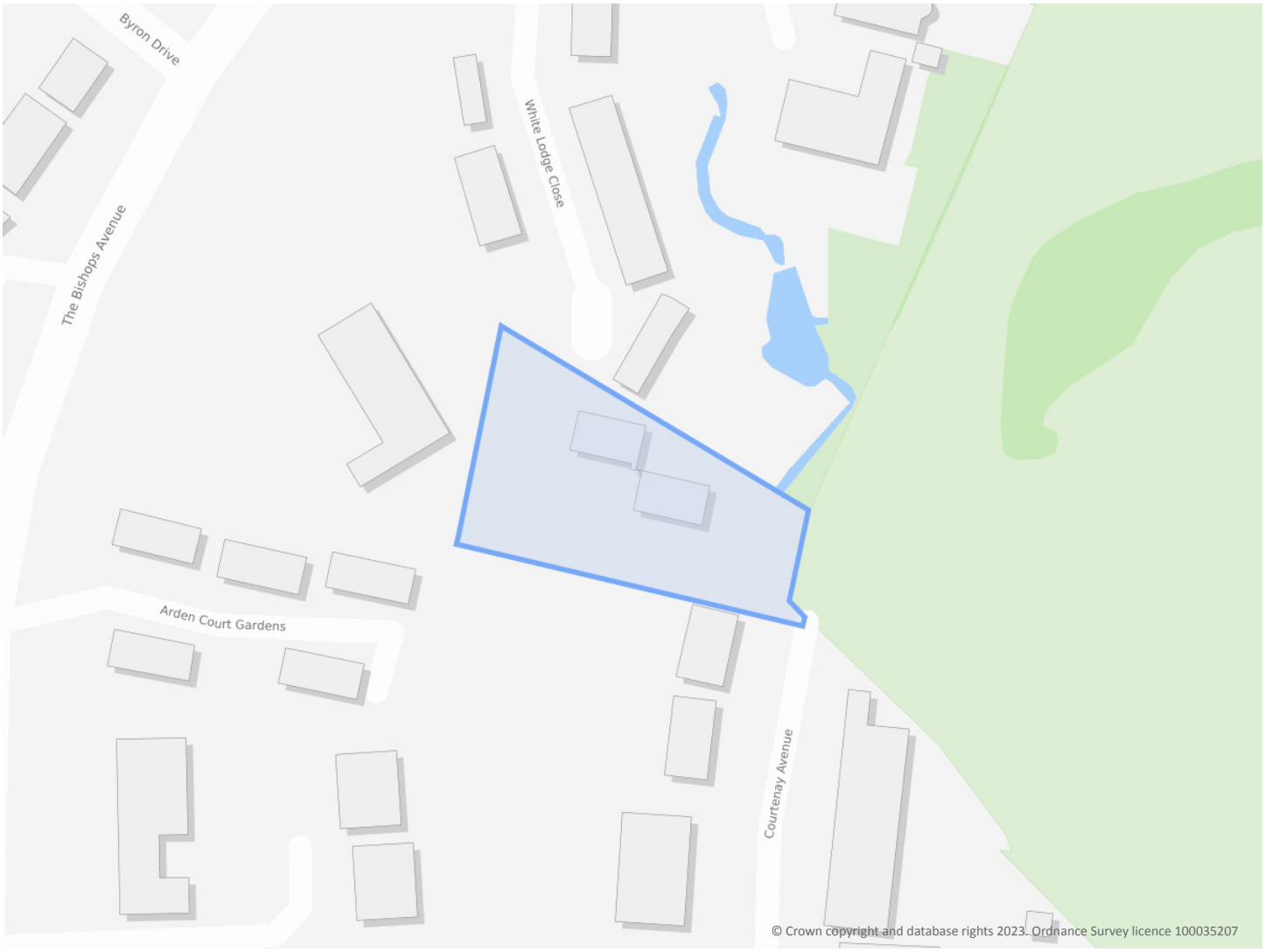
Our Ref: JOMAS-3J5-6HL-LKV-9ZJ

Site Details

Location: 526979 188037

Area: 0.47 ha

Authority: London Borough of Barnet ↗, London Borough of Haringey ↗



Summary of findings p. 2 >

OS MasterMap site plan p.13 >

Aerial image p. 8 >

groundsure.com/insightuserguide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	1	0	2	5	-
15 >	1.2 >	Historical tanks >	0	0	1	4	-
15 >	1.3 >	Historical energy features >	0	0	2	3	-
16 >	1.4 >	Historical petrol stations >	0	0	0	0	-
16 >	1.5 >	Historical garages >	0	0	0	0	-
17 >	1.6 >	Historical military land >	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
18 >	2.1 >	Historical industrial land uses >	2	0	2	7	-
19 >	2.2 >	Historical tanks >	0	0	1	5	-
20 >	2.3 >	Historical energy features >	0	0	3	7	-
20 >	2.4 >	Historical petrol stations >	0	0	0	0	-
20 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	3.1 >	Active or recent landfill >	0	0	0	0	-
22 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
23 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
23 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
23 >	3.5 >	Historical waste sites >	0	0	0	0	-
23 >	3.6 >	Licensed waste sites >	0	0	0	0	-
23 >	3.7 >	Waste exemptions >	0	0	0	1	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
25 >	4.1 >	Recent industrial land uses >	0	0	4	-	-
26 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
26 >	4.3 >	Electricity cables >	0	0	0	0	-
26 >	4.4 >	Gas pipelines >	0	0	0	0	-
26 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-

26 >	4.6 >	Control of Major Accident Hazards (COMAH) >	0	0	0	0	-
27 >	4.7 >	Regulated explosive sites >	0	0	0	0	-
27 >	4.8 >	Hazardous substance storage/usage >	0	0	0	0	-
27 >	4.9 >	Historical licensed industrial activities (IPC) >	0	0	0	0	-
27 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	0	0	0	-
27 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	0	0	-
28 >	4.12 >	Radioactive Substance Authorisations >	0	0	0	0	-
28 >	4.13 >	Licensed Discharges to controlled waters >	0	0	0	1	-
28 >	4.14 >	Pollutant release to surface waters (Red List) >	0	0	0	0	-
28 >	4.15 >	Pollutant release to public sewer >	0	0	0	0	-
29 >	4.16 >	List 1 Dangerous Substances >	0	0	0	0	-
29 >	4.17 >	List 2 Dangerous Substances >	0	0	0	0	-
29 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	0	0	-
29 >	4.19 >	Pollution inventory substances >	0	0	0	0	-
29 >	4.20 >	Pollution inventory waste transfers >	0	0	0	0	-
30 >	4.21 >	Pollution inventory radioactive waste >	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
31 >	5.1 >	Superficial aquifer >	None (within 500m)				
32 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
33 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
35 >	5.4 >	Groundwater vulnerability- soluble rock risk >	None (within 0m)				
35 >	5.5 >	Groundwater vulnerability- local information >	None (within 0m)				
36 >	5.6 >	Groundwater abstractions >	0	0	0	0	0
36 >	5.7 >	Surface water abstractions >	0	0	0	0	0
36 >	5.8 >	Potable abstractions >	0	0	0	0	0
36 >	5.9 >	Source Protection Zones >	0	0	0	0	-
37 >	5.10 >	Source Protection Zones (confined aquifer) >	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
38 >	6.1 >	Water Network (OS MasterMap) >	0	4	17	-	-

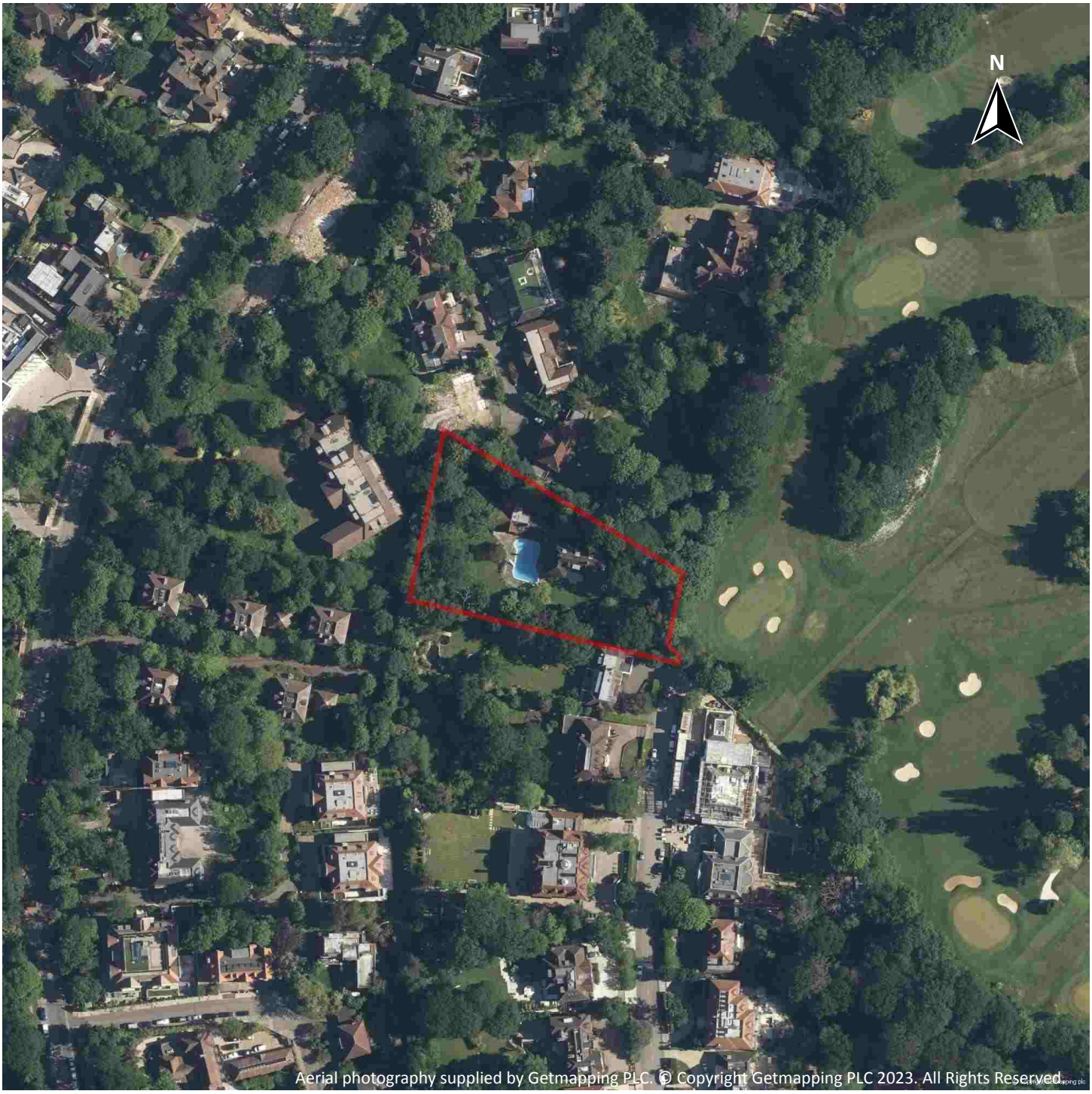
40 >	6.2 >	Surface water features >	0	1	3	-	-
40 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
41 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
41 >	6.5 >	WFD Groundwater bodies >	0	-	-	-	-
Page	Section	**River and coastal flooding >**	On site	0-50m	50-250m	250-500m	500-2000m
42 >	7.1 >	Risk of flooding from rivers and the sea >	None (within 50m)				
42 >	7.2 >	Historical Flood Events >	0	0	0	-	-
42 >	7.3 >	Flood Defences >	0	0	0	-	-
43 >	7.4 >	Areas Benefiting from Flood Defences >	0	0	0	-	-
43 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
44 >	7.6 >	Flood Zone 2 >	None (within 50m)				
44 >	7.7 >	Flood Zone 3 >	None (within 50m)				
Page	Section	**Surface water flooding >**					
45 >	8.1 >	Surface water flooding >	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	**Groundwater flooding >**					
47 >	9.1 >	Groundwater flooding >	Negligible (within 50m)				
Page	Section	**Environmental designations >**	On site	0-50m	50-250m	250-500m	500-2000m
48 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	1	1
49 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
49 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
49 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
49 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
50 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	5
50 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	6
51 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
51 >	10.9 >	Forest Parks >	0	0	0	0	0
51 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
51 >	10.11 >	Green Belt >	0	0	0	0	0
51 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0

52 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
52 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
52 >	10.15 >	Nitrate Sensitive Areas >	0	0	0	0	0
52 >	10.16 >	Nitrate Vulnerable Zones >	0	0	0	0	0
53 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
55 >	10.18 >	SSSI Units >	0	0	0	1	2
Page	Section	**Visual and cultural designations >**	On site	0-50m	50-250m	250-500m	500-2000m
57 >	11.1 >	World Heritage Sites >	0	0	0	-	-
58 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
58 >	11.3 >	National Parks >	0	0	0	-	-
58 >	11.4 >	Listed Buildings >	0	0	1	-	-
59 >	11.5 >	Conservation Areas >	2	0	0	-	-
59 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
59 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	**Agricultural designations >**	On site	0-50m	50-250m	250-500m	500-2000m
60 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
61 >	12.2 >	Open Access Land >	0	0	0	-	-
61 >	12.3 >	Tree Felling Licences >	0	0	0	-	-
61 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
61 >	12.5 >	Countryside Stewardship Schemes >	0	0	0	-	-
Page	Section	**Habitat designations >**	On site	0-50m	50-250m	250-500m	500-2000m
62 >	13.1 >	Priority Habitat Inventory >	2	1	30	-	-
64 >	13.2 >	Habitat Networks >	0	0	0	-	-
64 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
64 >	13.4 >	Limestone Pavement Orders >	0	0	0	-	-
Page	Section	**Geology 1:10,000 scale >**	On site	0-50m	50-250m	250-500m	500-2000m
65 >	14.1 >	10k Availability >	Identified (within 500m)				
66 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
67 >	14.3 >	Superficial geology (10k) >	0	0	0	0	-

67 >	14.4 >	Landslip (10k) >	0	0	0	0	-
68 >	14.5 >	Bedrock geology (10k) >	1	0	1	1	-
69 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
70 >	15.1 >	50k Availability >	Identified (within 500m)				
71 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
71 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
72 >	15.4 >	Superficial geology (50k) >	0	0	0	0	-
72 >	15.5 >	Superficial permeability (50k) >	None (within 50m)				
72 >	15.6 >	Landslip (50k) >	0	0	0	0	-
72 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
73 >	15.8 >	Bedrock geology (50k) >	1	1	0	1	-
74 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
74 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
75 >	16.1 >	BGS Boreholes >	0	0	2	-	-
Page	Section	Natural ground subsidence >					
76 >	17.1 >	Shrink swell clays >	Moderate (within 50m)				
77 >	17.2 >	Running sands >	Very low (within 50m)				
78 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
79 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
80 >	17.5 >	Landslides >	Very low (within 50m)				
81 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
83 >	18.1 >	Natural cavities >	0	0	0	0	-
84 >	18.2 >	BritPits >	0	0	0	0	-
84 >	18.3 >	Surface ground workings >	0	2	3	-	-
84 >	18.4 >	Underground workings >	0	0	0	3	0
85 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-

85 >	18.6 >	Non-coal mining >	0	0	0	0	0
85 >	18.7 >	Mining cavities >	0	0	0	0	0
85 >	18.8 >	JPB mining areas >	None (within 0m)				
85 >	18.9 >	Coal mining >	None (within 0m)				
86 >	18.10 >	Brine areas >	None (within 0m)				
86 >	18.11 >	Gypsum areas >	None (within 0m)				
86 >	18.12 >	Tin mining >	None (within 0m)				
86 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	**Radon** >					
87 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	**Soil chemistry** >	On site	0-50m	50-250m	250-500m	500-2000m
89 >	20.1 >	BGS Estimated Background Soil Chemistry >	2	6	-	-	-
89 >	20.2 >	BGS Estimated Urban Soil Chemistry >	2	6	-	-	-
90 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	**Railway infrastructure and projects** >	On site	0-50m	50-250m	250-500m	500-2000m
91 >	21.1 >	Underground railways (London) >	0	0	0	-	-
91 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
91 >	21.3 >	Railway tunnels >	0	0	0	-	-
91 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
91 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
92 >	21.6 >	Historical railways >	0	0	0	-	-
92 >	21.7 >	Railways >	0	0	0	-	-
92 >	21.8 >	Crossrail 1 >	0	0	0	0	-
92 >	21.9 >	Crossrail 2 >	0	0	0	0	-
92 >	21.10 >	HS2 >	0	0	0	0	-

Recent aerial photograph



Capture Date: 13/06/2021

Site Area: 0.47ha

Recent site history - 2019 aerial photograph



Capture Date: 29/06/2019

Site Area: 0.47ha

Recent site history - 2016 aerial photograph



Capture Date: 12/08/2016

Site Area: 0.47ha

Recent site history - 2013 aerial photograph



Capture Date: 28/04/2013

Site Area: 0.47ha

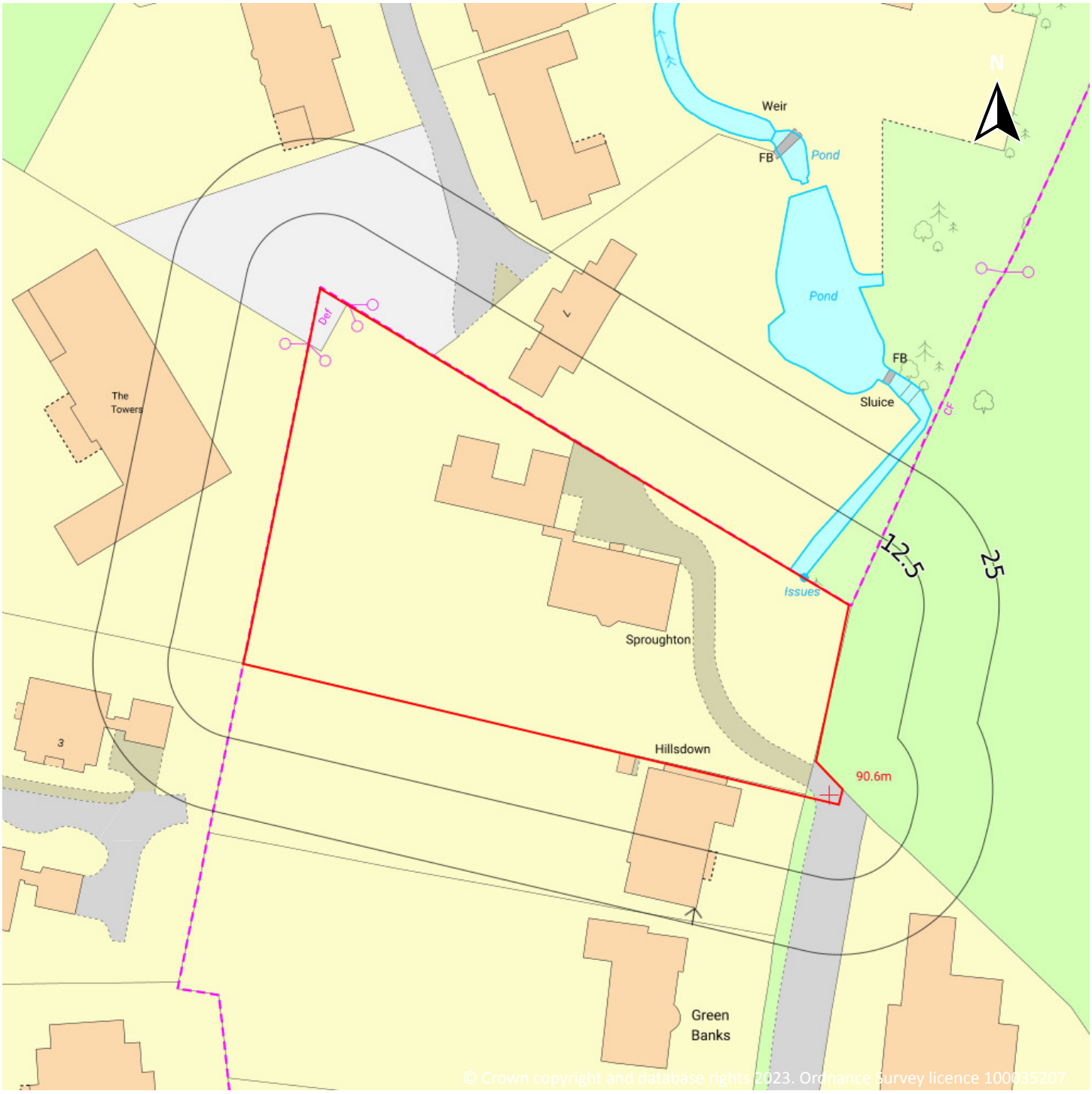
Recent site history - 1999 aerial photograph



Capture Date: 04/09/1999

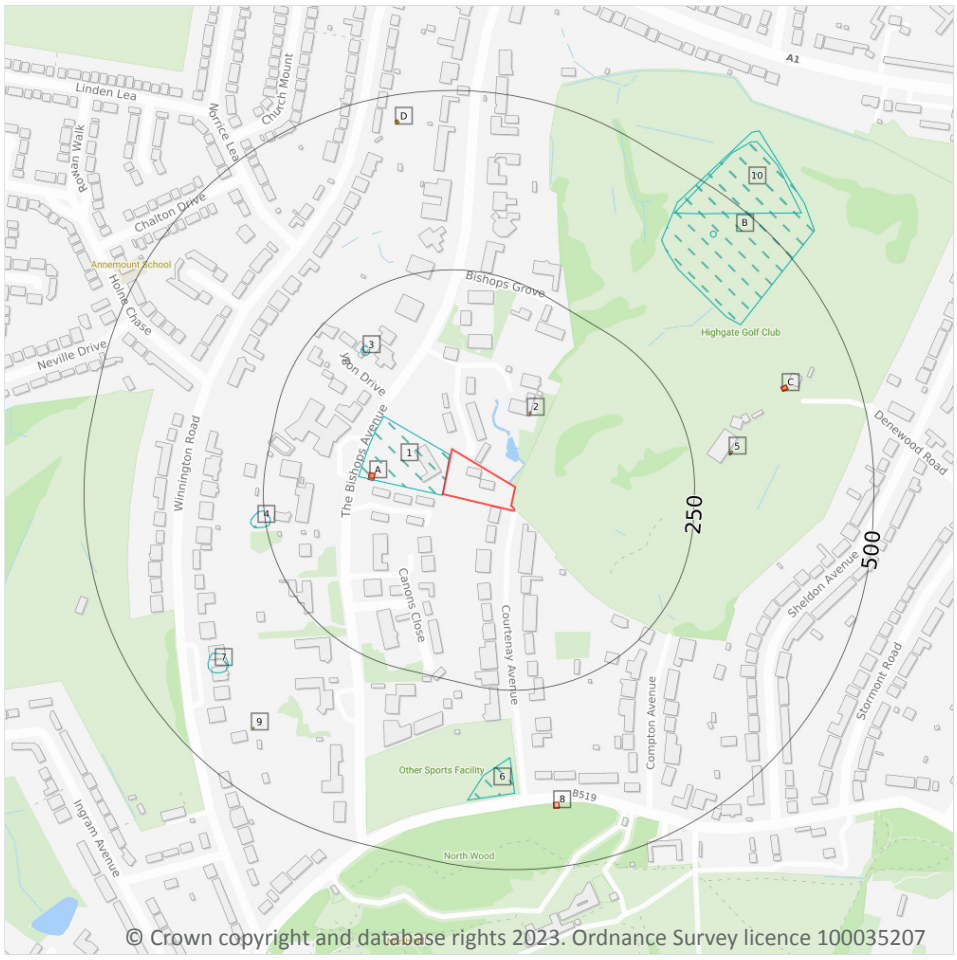
Site Area: 0.47ha

OS MasterMap site plan



Site Area: 0.47ha

1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

1.1 Historical industrial land uses

Records within 500m	8

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Hospital**	**1965 - 1974**	**2212781**

ID	Location	Land use	Dates present	Group ID
3	176m NW	Unspecified Tank	1949	2154689
4	243m W	Unspecified Pit	1949	2125333
6	344m S	Unspecified Pit	1949	2125332
B	375m NE	Unspecified Heap	1958	2205597
7	379m SW	Unspecified Pit	1949	2125334
10	442m NE	Unspecified Heap	1936	2173767
B	443m NE	Unspecified Shaft	1965 - 1996	2264772

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	5

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
2	98m NE	Unspecified Tank	1873	364767
5	302m E	Tanks	1973	376371
9	418m SW	Unspecified Tank	1873	364768
D	460m N	Unspecified Tank	1962 - 1991	411473
D	460m N	Unspecified Tank	1961	407342

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	5

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or

succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
A	98m W	Electricity Transformer	1961	250654
A	98m W	Electricity Substation	1991 - 1995	290707
C	395m E	Electricity Substation	1950 - 1991	284542
C	396m E	Electricity Substation	1950 - 1961	258271
8	410m S	Electricity Substation	1975 - 1995	281087

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

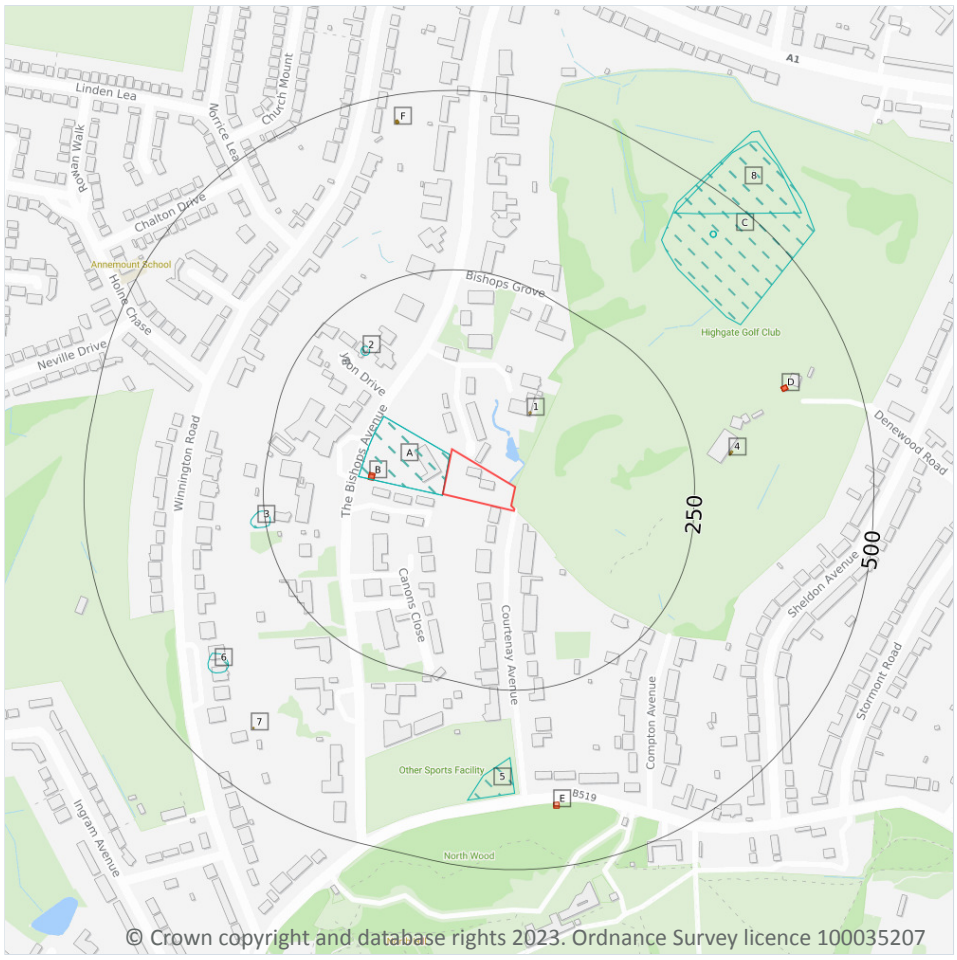
1.6 Historical military land

Records within 500m	0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

2.1 Historical industrial land uses

Records within 500m	11

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18 >**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Hospital**	**1965**	**2212781**
A	**On site**	**Hospital**	**1974**	**2212781**
2	176m NW	Unspecified Tank	1949	2154689

ID	Location	Land Use	Date	Group ID
3	243m W	Unspecified Pit	1949	2125333
5	344m S	Unspecified Pit	1949	2125332
C	375m NE	Unspecified Heap	1958	2205597
6	379m SW	Unspecified Pit	1949	2125334
8	442m NE	Unspecified Heap	1936	2173767
C	443m NE	Unspecified Shaft	1965	2264772
C	443m NE	Unspecified Shaft	1974	2264772
C	443m NE	Unspecified Shaft	1996	2264772

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**6**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18 >**

ID	Location	Land Use	Date	Group ID
1	98m NE	Unspecified Tank	1873	364767
4	302m E	Tanks	1973	376371
7	418m SW	Unspecified Tank	1873	364768
F	460m N	Unspecified Tank	1962	411473
F	460m N	Unspecified Tank	1961	407342
F	460m N	Unspecified Tank	1991	411473

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	10

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 18 >**

ID	Location	Land Use	Date	Group ID
B	98m W	Electricity Transformer	1961	250654
B	98m W	Electricity Substation	1991	290707
B	99m W	Electricity Substation	1995	290707
D	395m E	Electricity Substation	1991	284542
D	396m E	Electricity Substation	1950	258271
D	396m E	Electricity Substation	1961	258271
D	396m E	Electricity Substation	1950	284542
D	396m E	Electricity Substation	1973	284542
E	410m S	Electricity Substation	1975	281087
E	415m S	Electricity Substation	1995	281087

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	1

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 22 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	321m W	47, WINNINGTON ROAD, LONDON, N2 0TR	WEX257712	Using waste exemption	Not on a farm	Use of waste in construction

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



Site Outline

Search buffers in metres (m)

Recent industrial land uses

Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m	4

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 25 >**

ID	Location	Company	Address	Activity	Category
1	96m W	Electricity Sub Station	Greater London, N2	Electrical Features	Infrastructure and Facilities
2	135m NW	Electricity Sub Station	Greater London, N2	Electrical Features	Infrastructure and Facilities
3	166m N	Electricity Sub Station	Greater London, N2	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
4	189m SW	Electricity Sub Station	Greater London, N2	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m	0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	1

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 25 >**

ID	Location	Address	Details	
5	368m NE	Bishops Wood, Bishops Wood	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: TEMP.0030 Permit Version: 1 Receiving Water: RIVER THAMES	Status: REVOKED - UNSPECIFIED Issue date: 15/09/1989 Effective Date: 15/09/1989 Revocation Date: 05/10/2000

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	0

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer

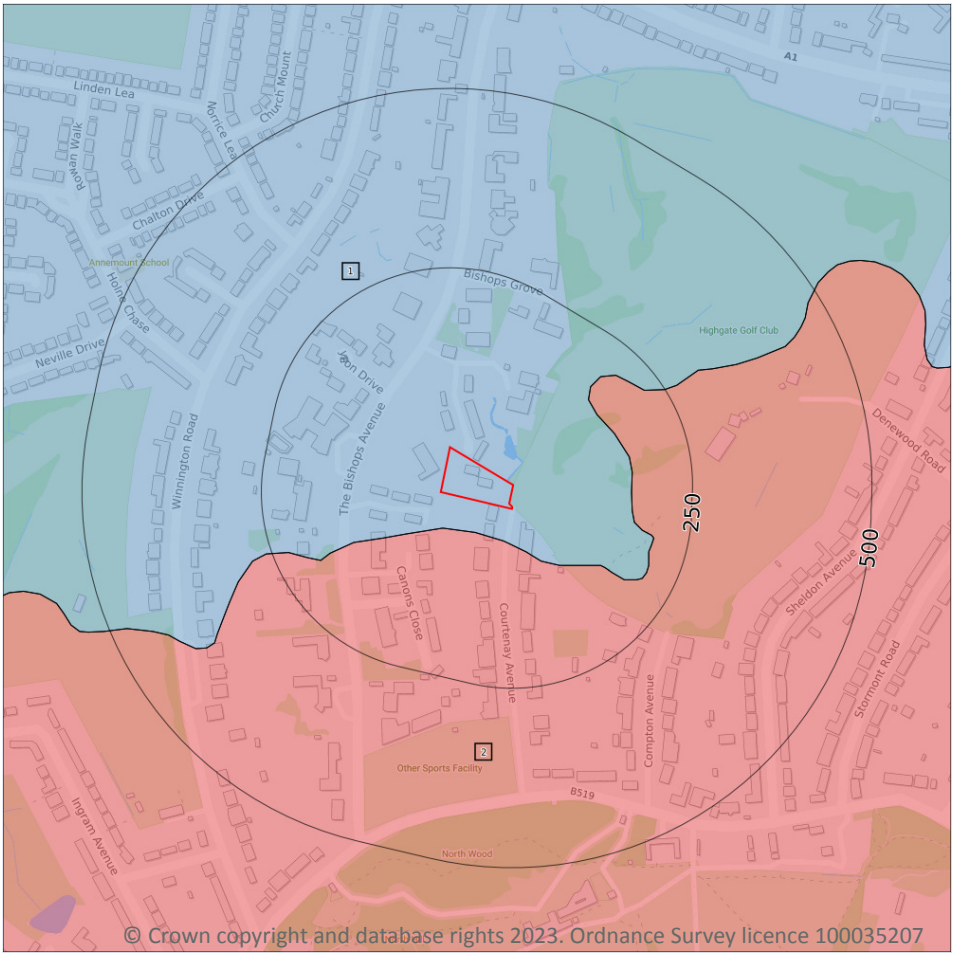
5.1 Superficial aquifer

Records within 500m	0

Aquifer status of groundwater held within superficial geology.

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	2

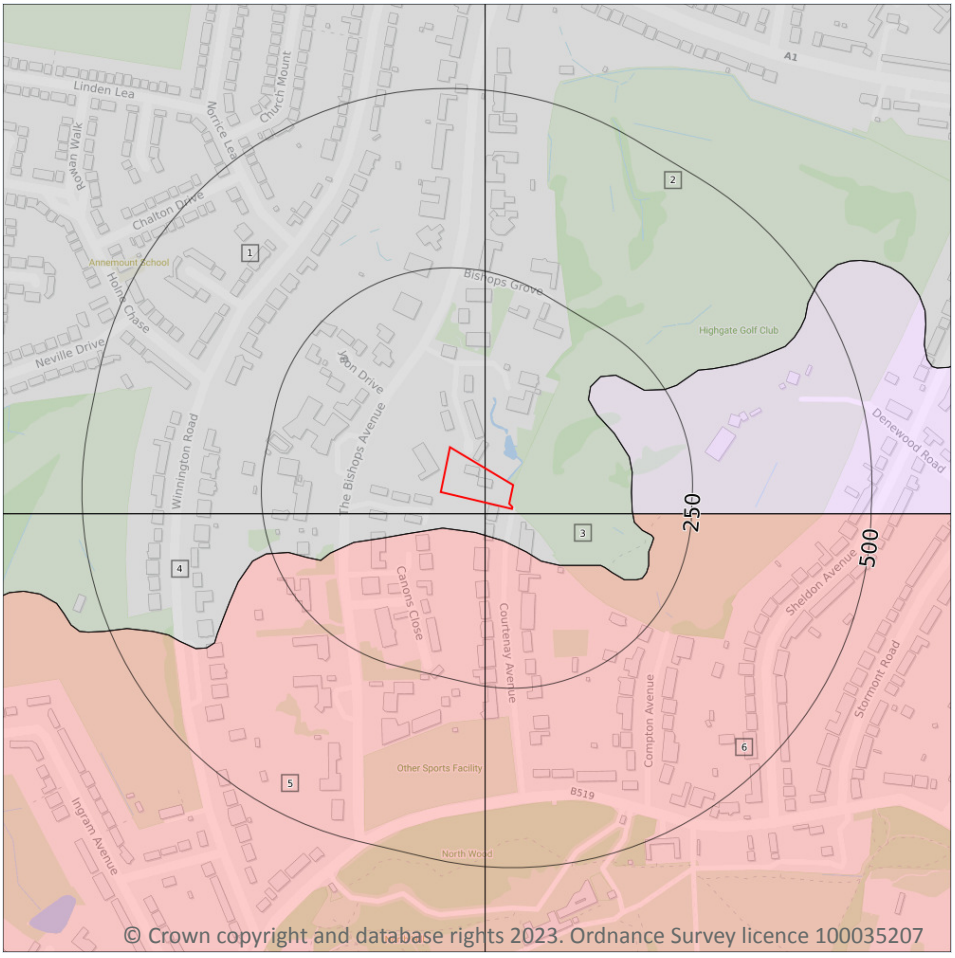
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 32 >**

ID	Location	Designation	Description
1	**On site**	**Unproductive**	**These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow**
2	44m S	Secondary A	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. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	6

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 33 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed**
2	**On site**	**Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed**
3	6m SE	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
4	15m S	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
5	43m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Mixed
6	44m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Mixed

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site	0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones

5.6 Groundwater abstractions

Records within 2000m	0

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	0

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	21

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 38 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	43m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	43m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
2	45m E	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
A	55m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	56m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	80m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	80m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	91m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	135m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	143m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	156m N	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
C	158m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	188m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
C	190m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
C	191m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	192m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	202m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
3	209m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	229m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	247m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	4

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 38 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 38 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**River**	**Dollis Brook and Upper Brent**	**GB106039022980**	**Brent Rivers and Lakes**	**London**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	**1**

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 38 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	2998m W	River	Dollis Brook and Upper Brent	GB106039022980 ↗	Moderate	Fail	Moderate	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	**0**

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

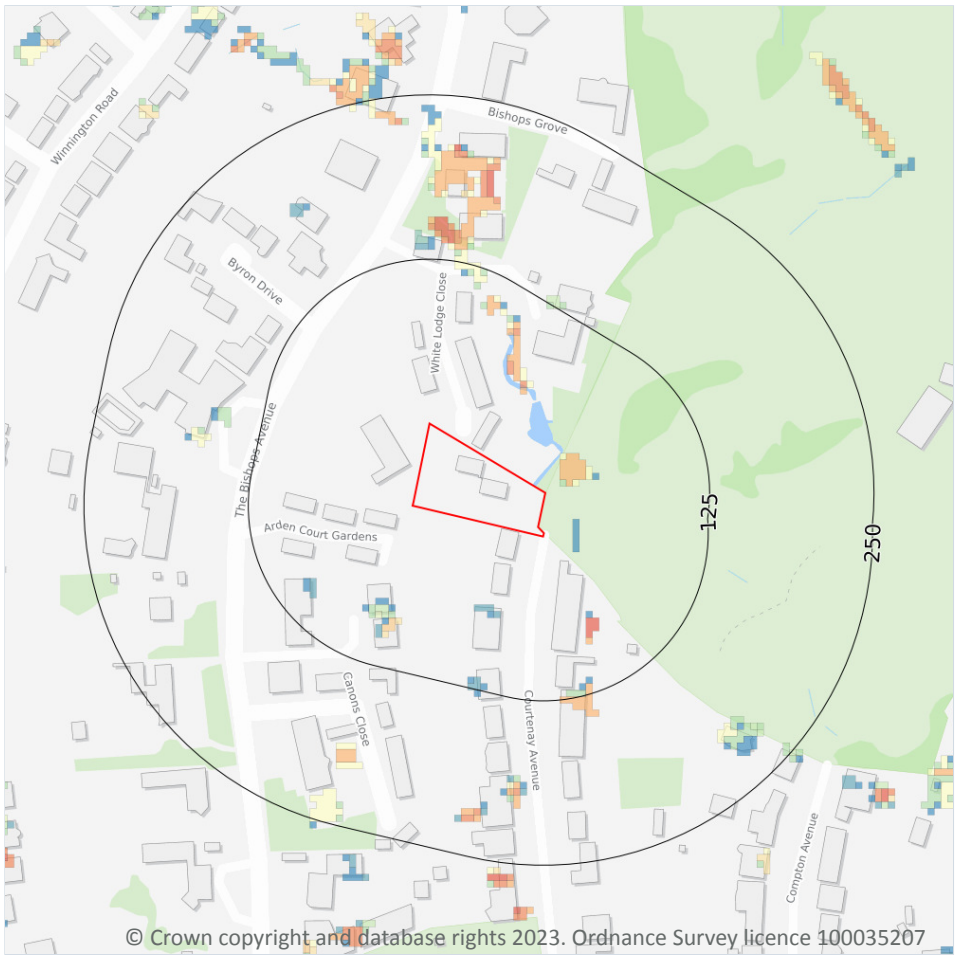
7.7 Flood Zone 3

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



Site Outline

Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**Negligible**
Highest risk within 50m	**1 in 30 year, 0.1m - 0.3m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 45 >**

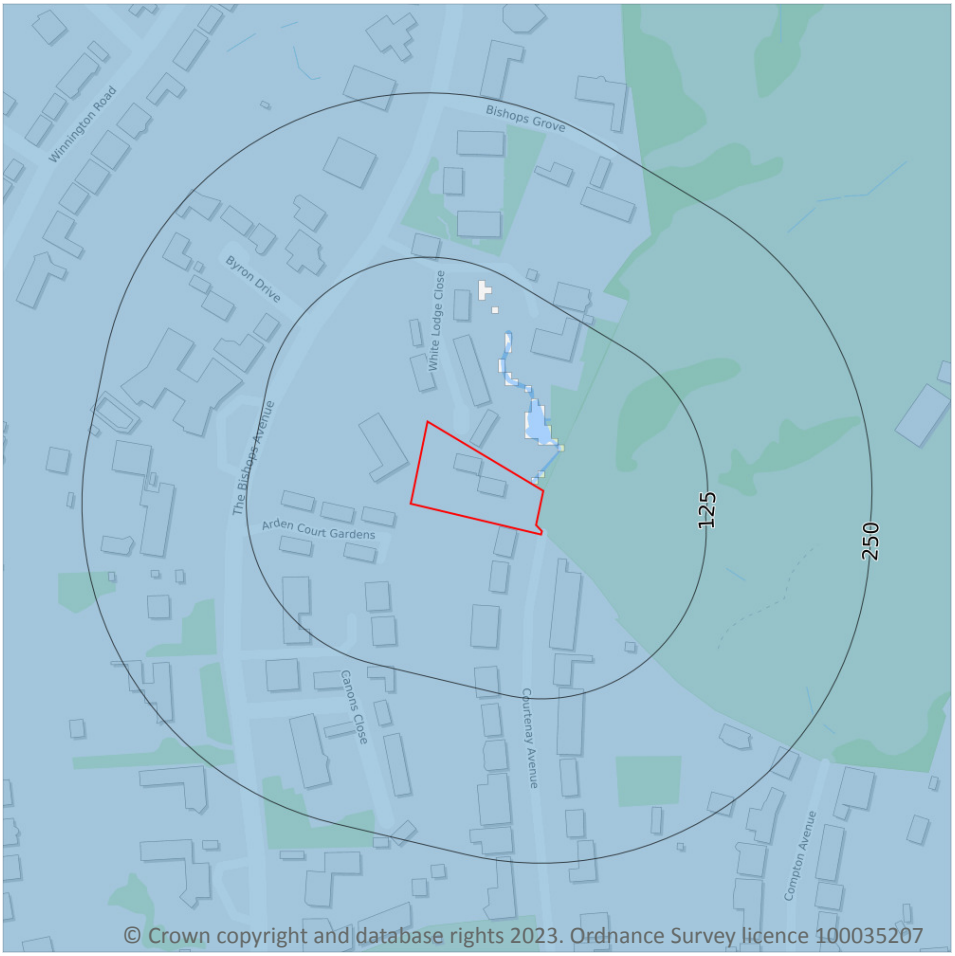
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

High

Moderate - High

Moderate

Low

Negligible

9.1 Groundwater flooding

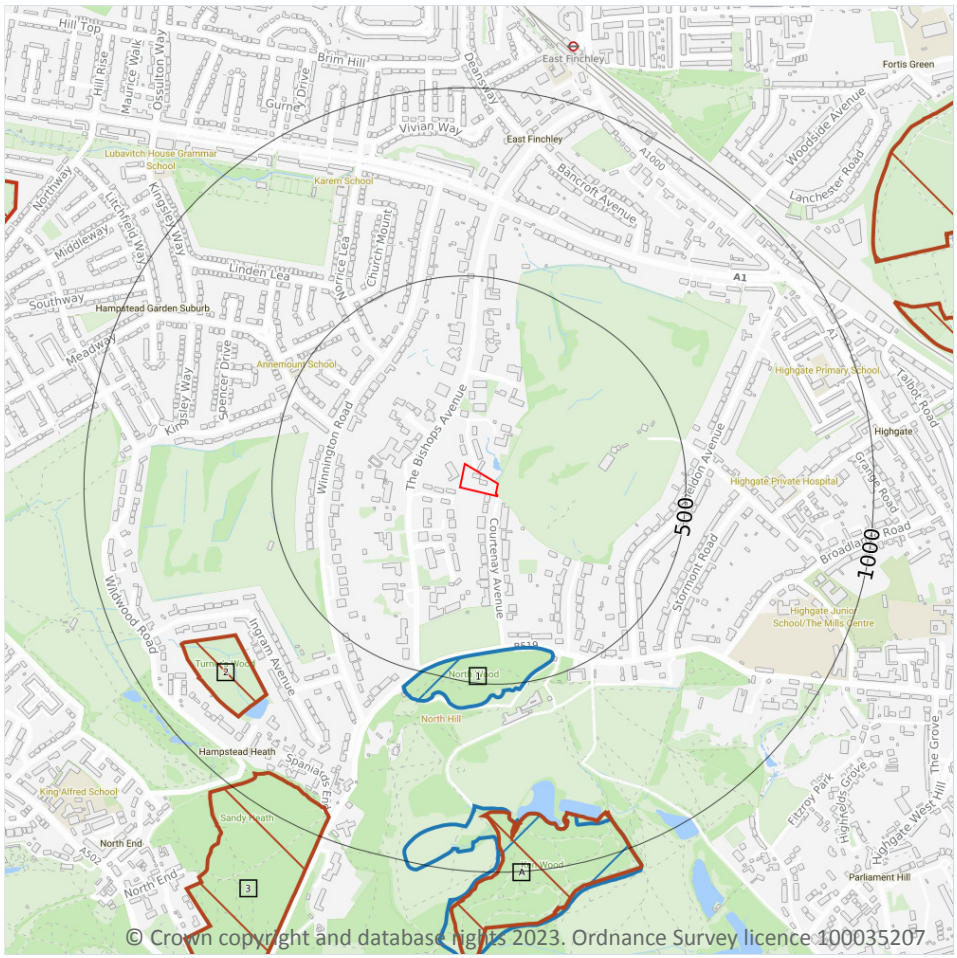
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 47 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Local Nature Reserves (LNR)

Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	2

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 48 >**

ID	Location	Name	Data source
1	408m S	Hampstead Heath Woods	Natural England

ID	Location	Name	Data source
A	826m S	Hampstead Heath Woods	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	5

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 48 >**

ID	Location	Name	Data source
B	1375m NW	Big Wood & Little Wood	Natural England
-	1529m E	Queen's Wood	Natural England
-	1695m E	Parkland Walk	Natural England
-	1788m NW	Big Wood & Little Wood	Natural England
-	1815m NE	Parkland Walk	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	6

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 48 >**

ID	Location	Name	Woodland Type
2	715m SW	Unknown	Ancient & Semi-Natural Woodland
A	840m S	Ken Wood	Ancient & Semi-Natural Woodland
3	908m SW	Bishops Wood	Ancient & Semi-Natural Woodland
4	1161m NE	Queens Wood	Ancient & Semi-Natural Woodland
B	1375m NW	Big Wood	Ancient & Semi-Natural Woodland
-	1529m E	Queens Wood	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

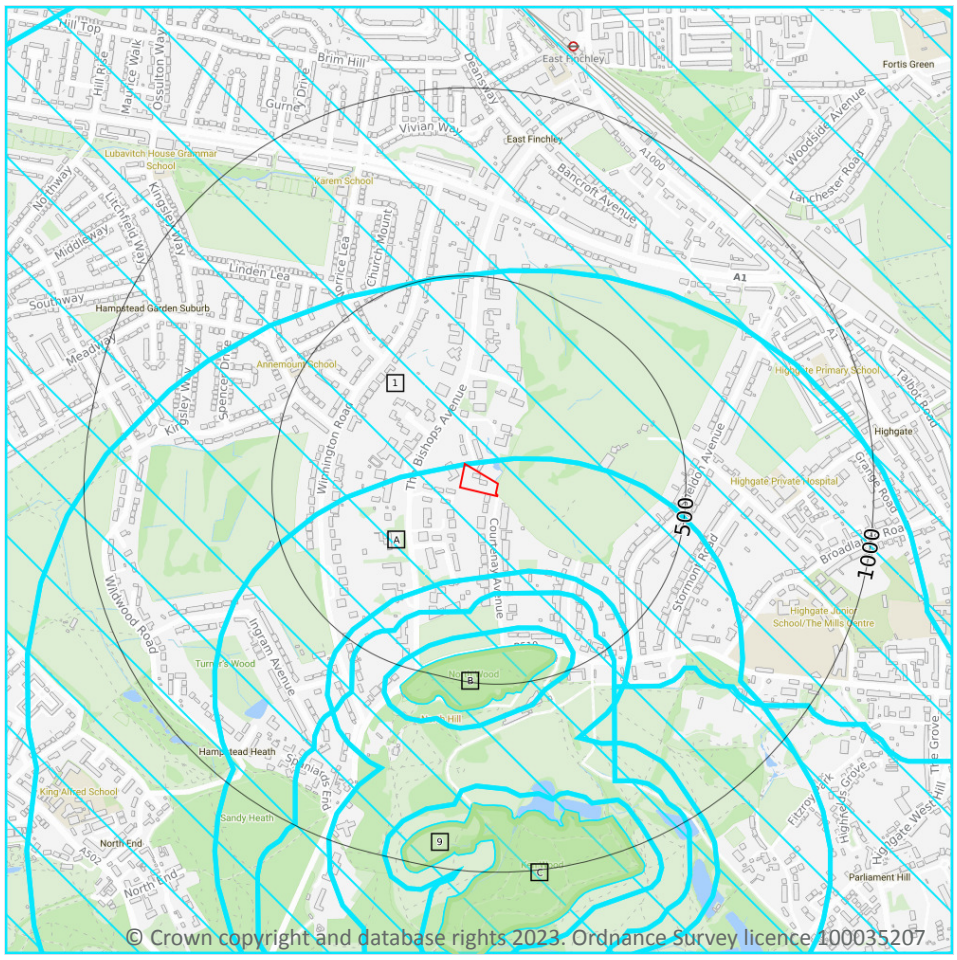
10.16 Nitrate Vulnerable Zones

Records within 2000m	0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site	2

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 53 >**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**
A	On site	**Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause air pollution (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	3

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on **page 53 >**

ID: B
Location: 408m S
SSSI name: Hampstead Heath Woods
Unit name: 2
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Favourable	18/05/2018

ID: C
Location: 826m S
SSSI name: Hampstead Heath Woods
Unit name: 2
Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
Condition: Favourable
Reportable features:

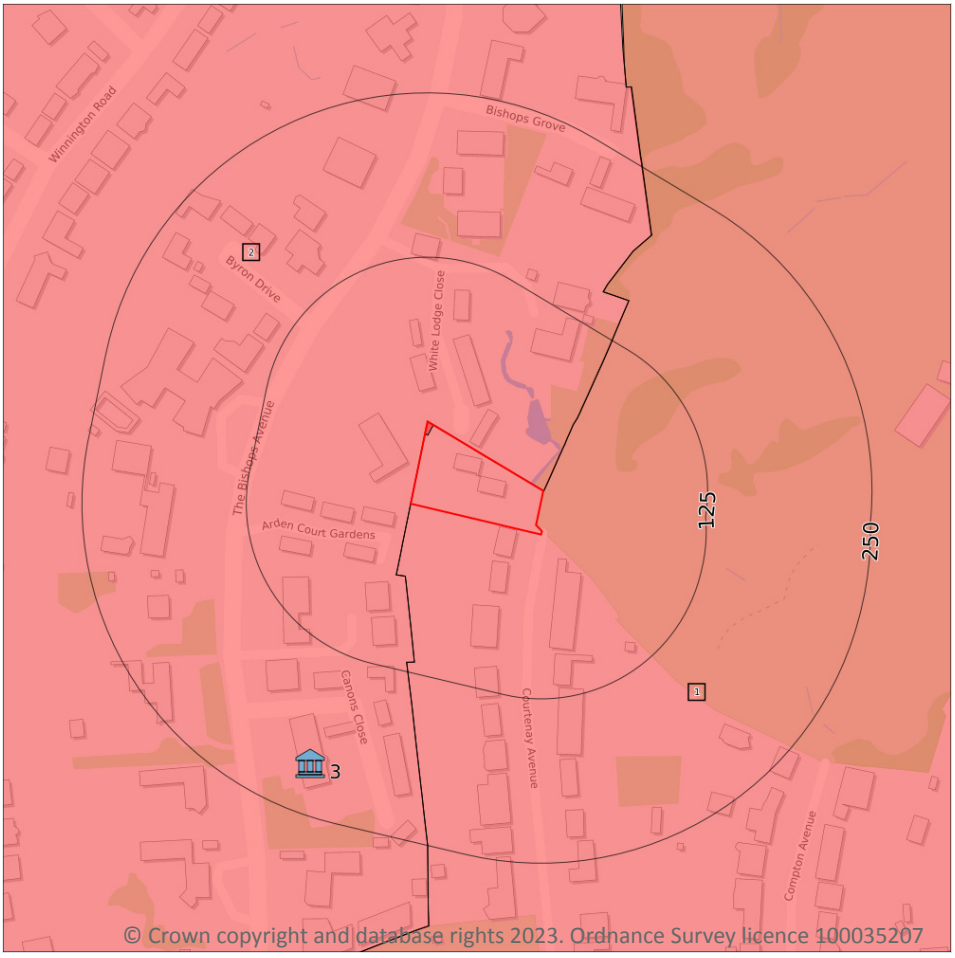
Feature name	Feature condition	Date of assessment
Lowland mixed deciduous woodland	Favourable	18/05/2018

ID: 9
Location: 839m S
SSSI name: Hampstead Heath Woods
Unit name: 1
Broad habitat: Fen, Marsh And Swamp - Lowland
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Spring/flush fen (lowland)	Favourable	18/05/2018

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



Site Outline

Search buffers in metres (m)

Listed buildings

Conservation areas

Conservation areas - no data

National Parks

Areas of Outstanding Natural Beauty

Registered parks and gardens

Scheduled Monuments

World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	1

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 57 >**

ID	Location	Name	Grade	Reference Number	Listed date
3	212m SW	East Weald, Garden Suburb, Barnet, London, N2	II	1389513	20/11/2001

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	2

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 57 >**

ID	Location	Name	District	Date of designation
1	**On site**	**Highgate, Haringey**	**Haringey**	**21/12/1967**
2	**On site**	**Hampstead Garden Suburb**	**Barnet**	**1968**

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

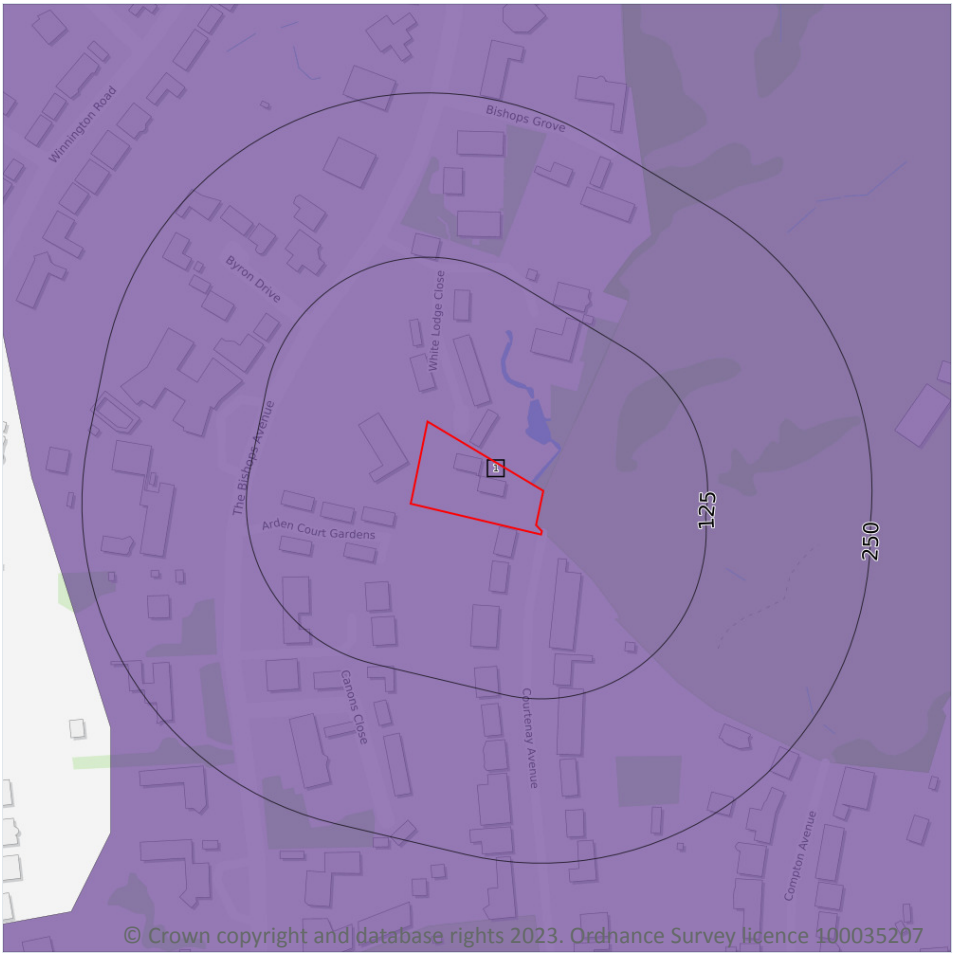
11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 60 >**

ID	Location	Classification	Description
1	**On site**	**Urban**	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

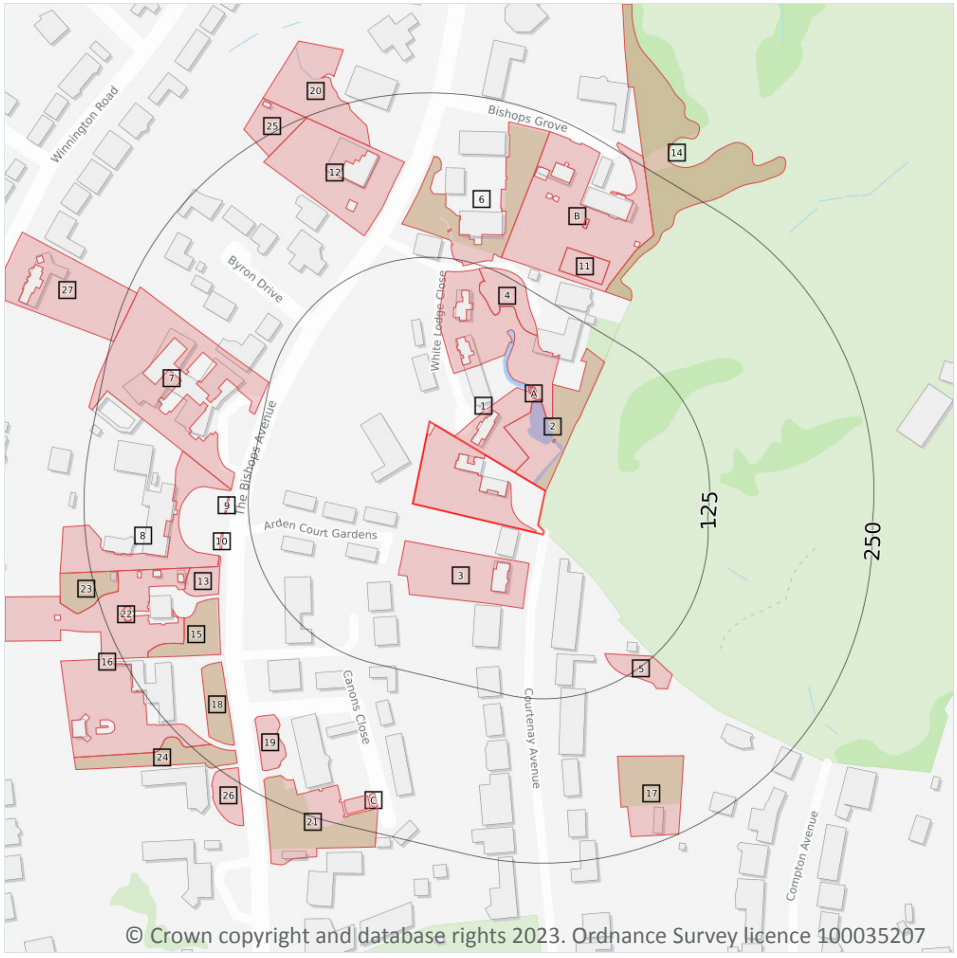
12.5 Countryside Stewardship Schemes

Records within 250m	0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations



Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

Habitat Networks

Primary Habitat
Restorable Habitat
Associated Habitats
Habitat Restoration-Creation
Network Enhancement Zone 1
Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	33

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 62 >**

ID	Location	Main Habitat	Other habitats
1	**On site**	**No main habitat but additional habitats present**	**Main habitat: DWOOD (INV > 50%)**
2	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
3	24m SE	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
A	56m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
A	59m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	95m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	102m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	121m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	126m NW	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
B	136m N	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
8	138m W	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
9	139m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	146m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	149m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	150m NW	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
13	152m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	153m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	164m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	176m W	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
17	178m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	187m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	189m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
19	192m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
20	214m N	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
C	221m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	222m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	224m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
22	229m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	230m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	231m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
25	236m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	241m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
27	243m NW	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

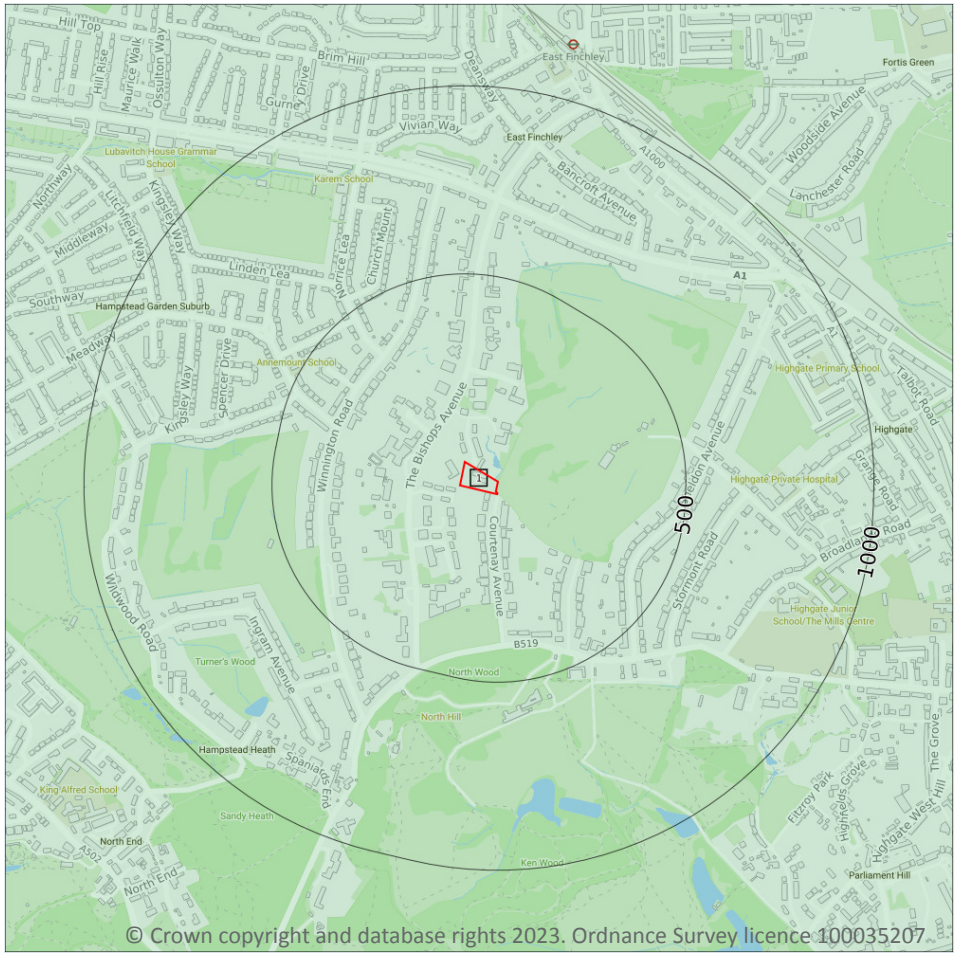
13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



Site Outline

Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m	1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 65 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**TQ28NE**

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground

14.2 Artificial and made ground (10k)

Records within 500m	0

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m	0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

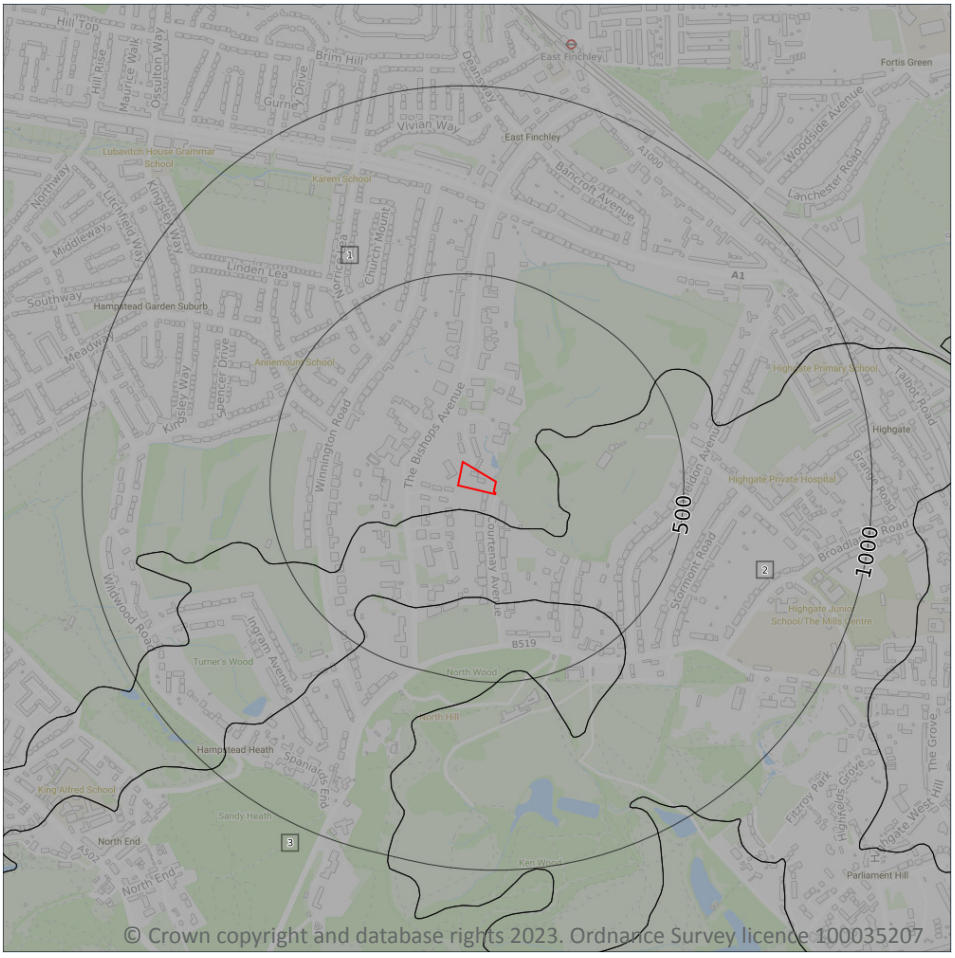
14.4 Landslip (10k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m **3**

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 68 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**LC-CLAY**	**London Clay Formation - Clay**	**Eocene Epoch**
2	57m S	CLGB-SDST	Claygate Member - Sandstone	Eocene Epoch
3	277m S	BGS-SANDU	Bagshot Formation - Sand	Eocene Epoch

This data is sourced from the British Geological Survey.

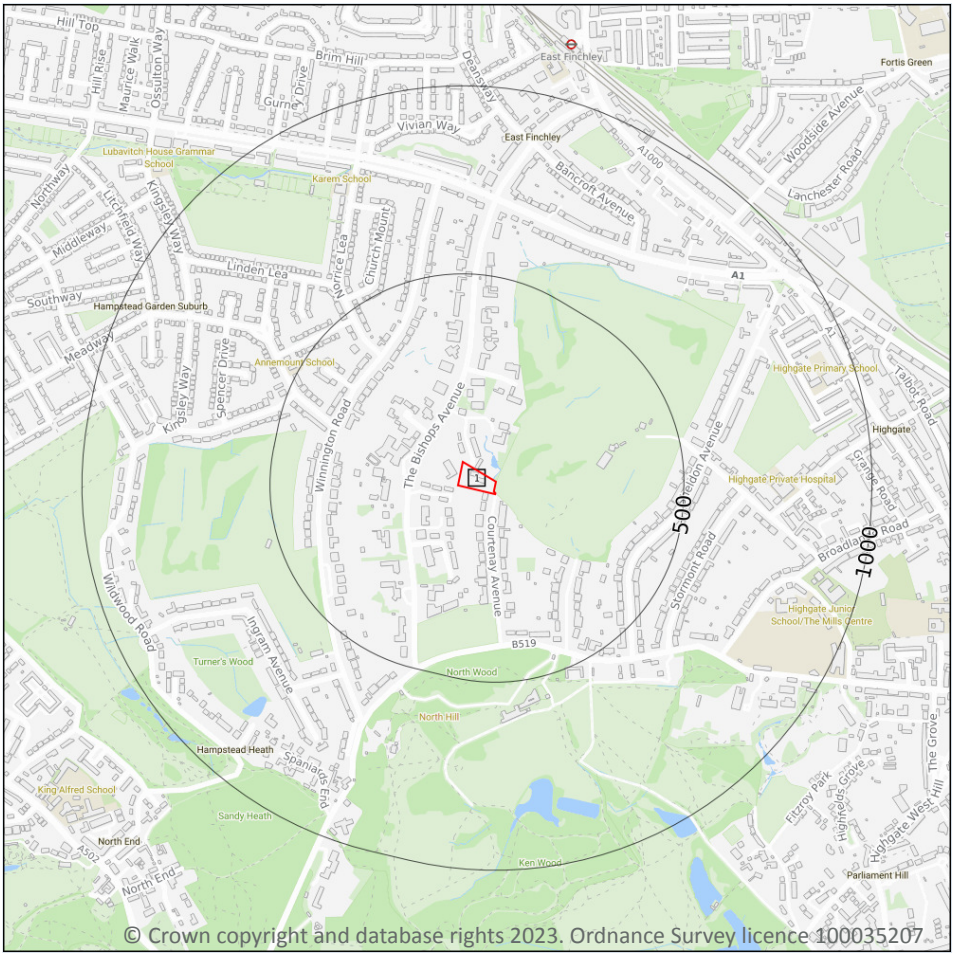
14.6 Bedrock faults and other linear features (10k)

Records within 500m	0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 70 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW256_north_london_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m	0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial

15.4 Superficial geology (50k)

Records within 500m	0

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

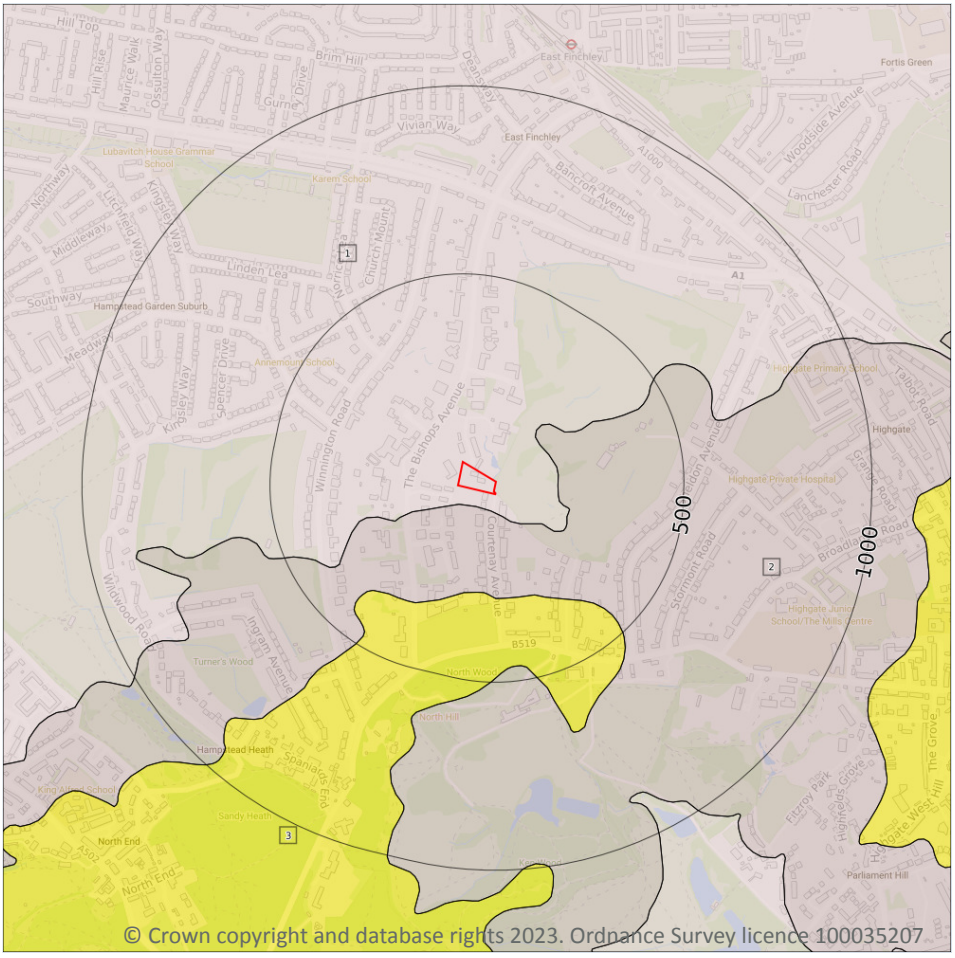
15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **3**

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 73 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**LC-XCZS**	**LONDON CLAY FORMATION - CLAY, SILT AND SAND**	**YPRESIAN**
2	44m S	CLGB-XCZS	CLAYGATE MEMBER - CLAY, SILT AND SAND	YPRESIAN
3	264m S	BGS-S	BAGSHOT FORMATION - SAND	YPRESIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	2

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Moderate**	**Very Low**
44m S	Mixed	High	Very Low

This data is sourced from the British Geological Survey.

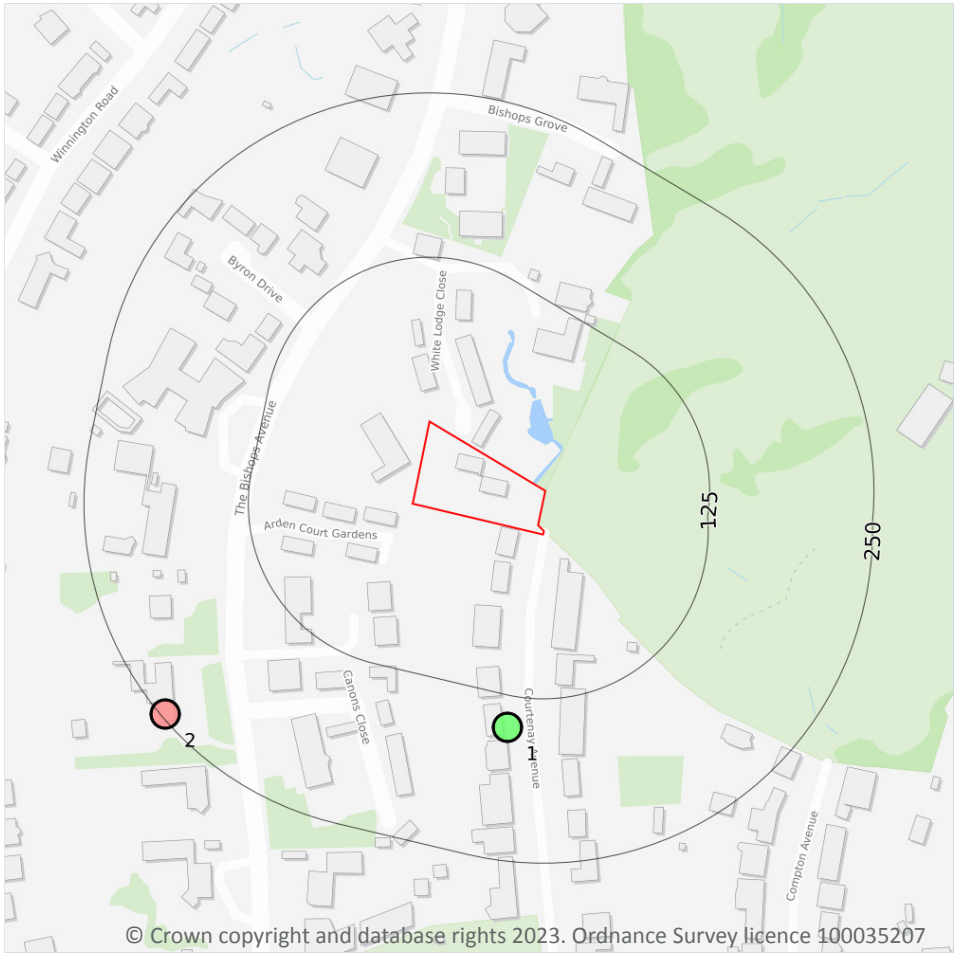
15.10 Bedrock faults and other linear features (50k)

Records within 500m	0

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	2

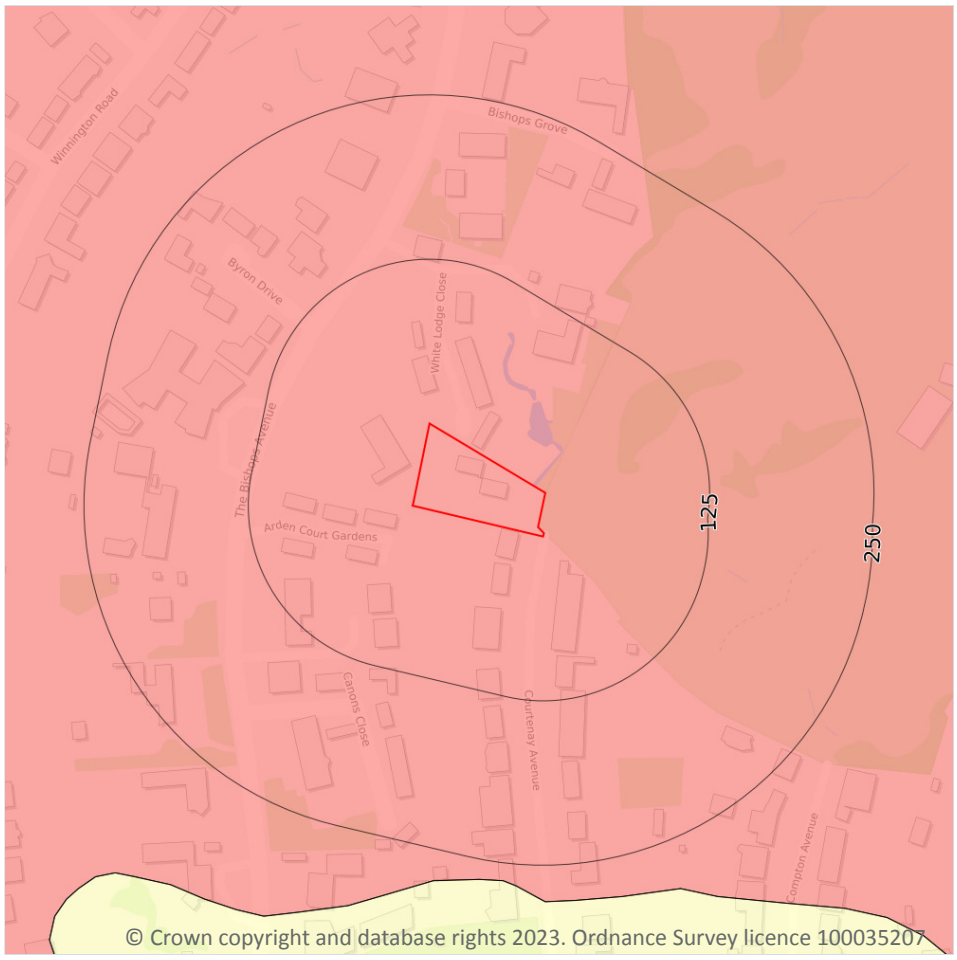
The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 75 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	149m S	527010 187860	COURTENAY AVENUE N6 BH1	15.0	N	590826 ↗
2	247m SW	526750 187870	BARONS COURT EAST FINCHLEY	173.73	N	590583 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	1

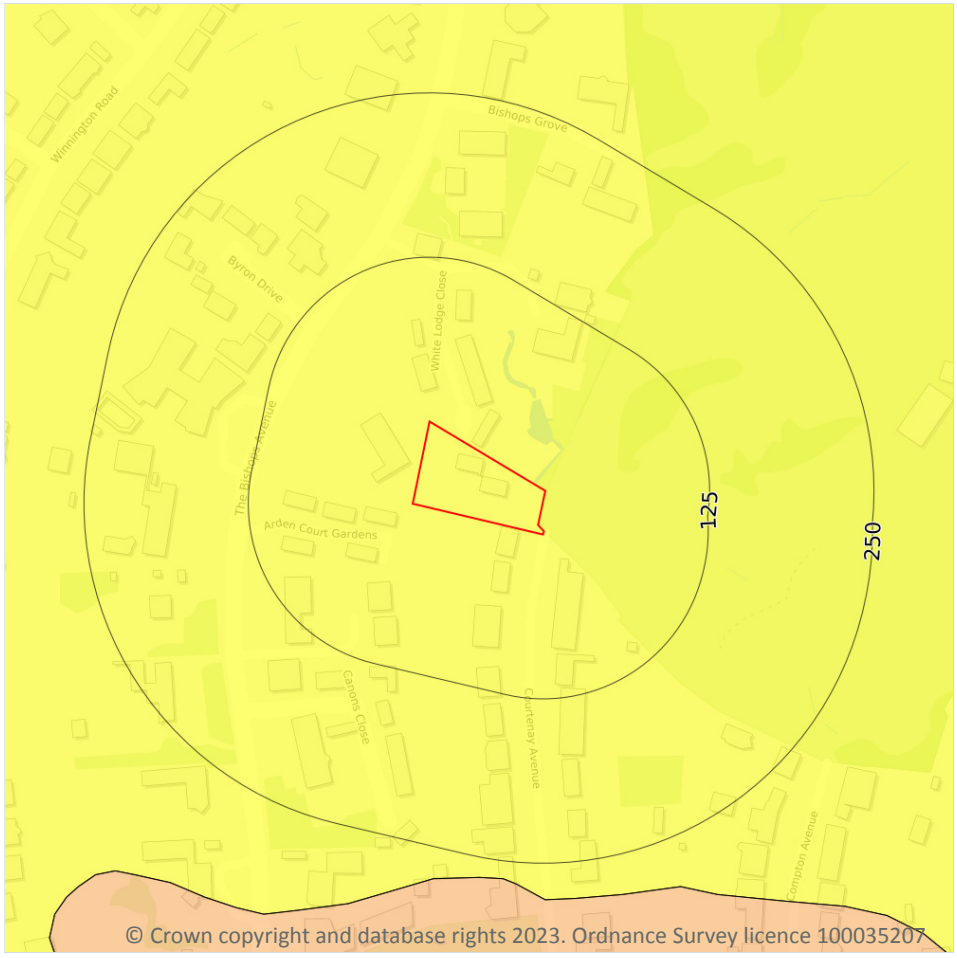
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 76 >**

Location	Hazard rating	Details
On site	**Moderate**	**Ground conditions predominantly high plasticity.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	1

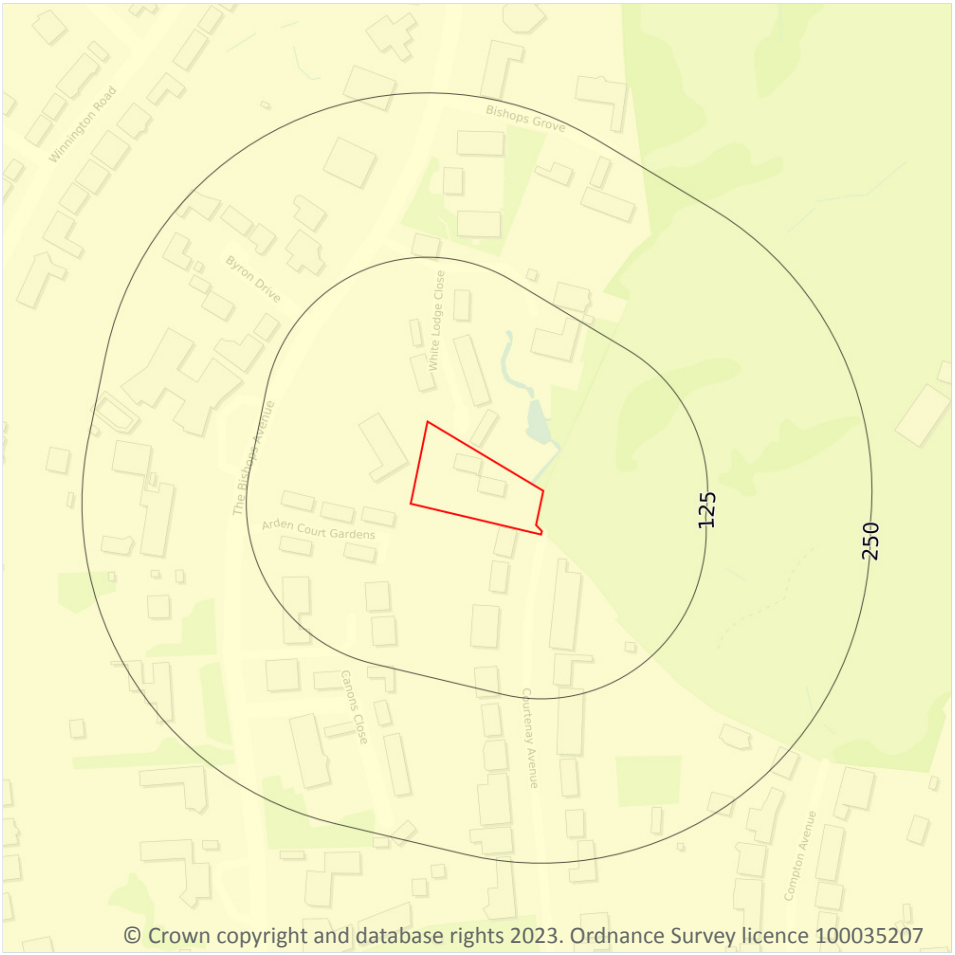
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 77 >**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	1

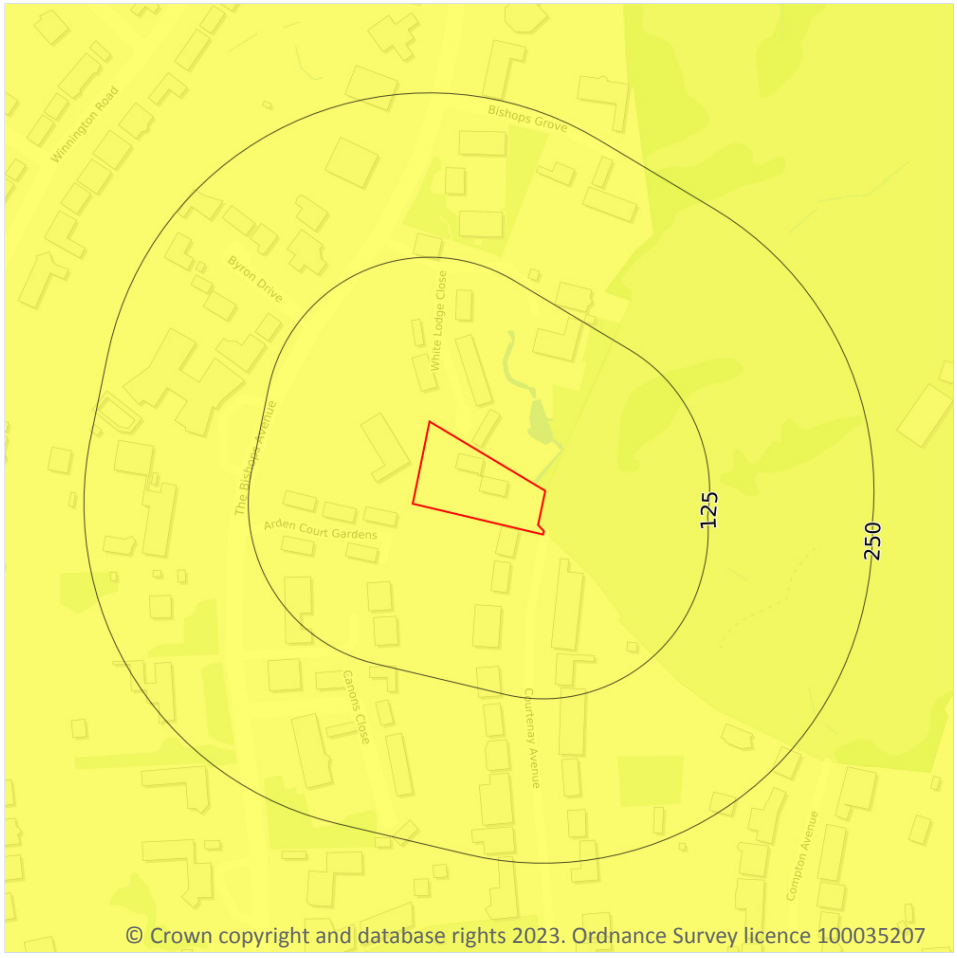
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 78 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	1

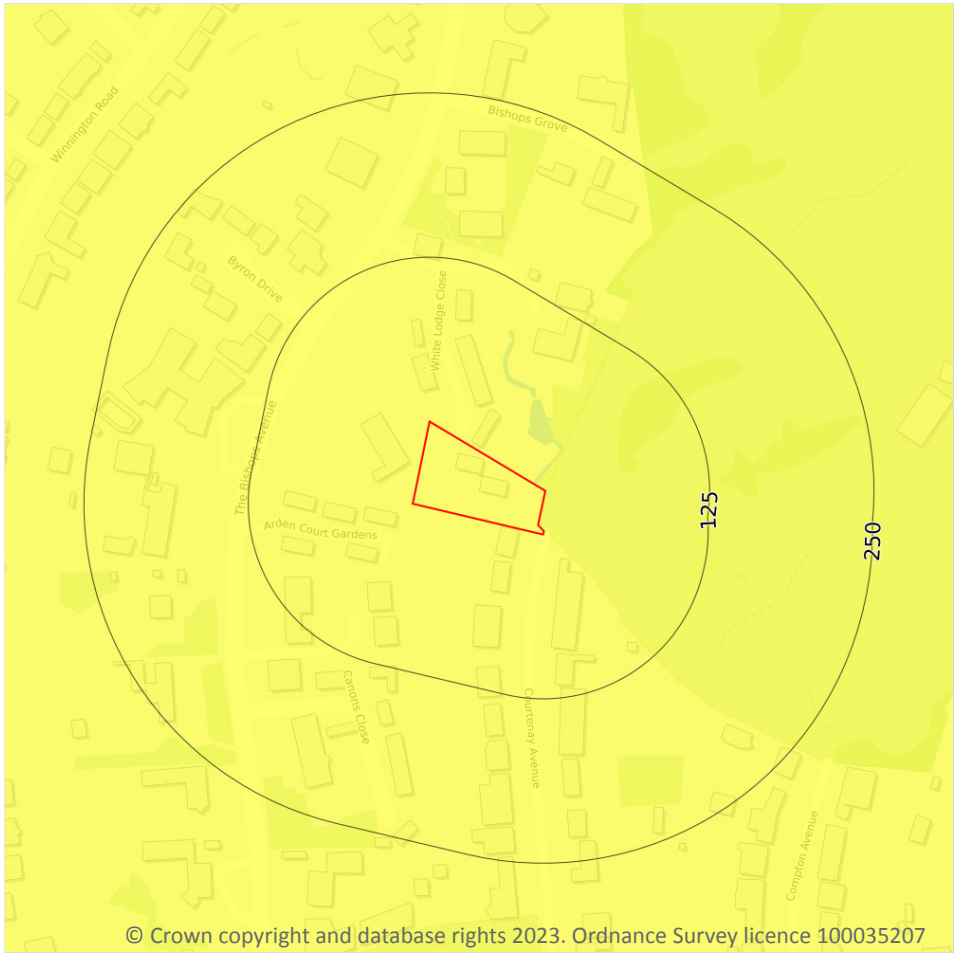
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 79 >**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	1

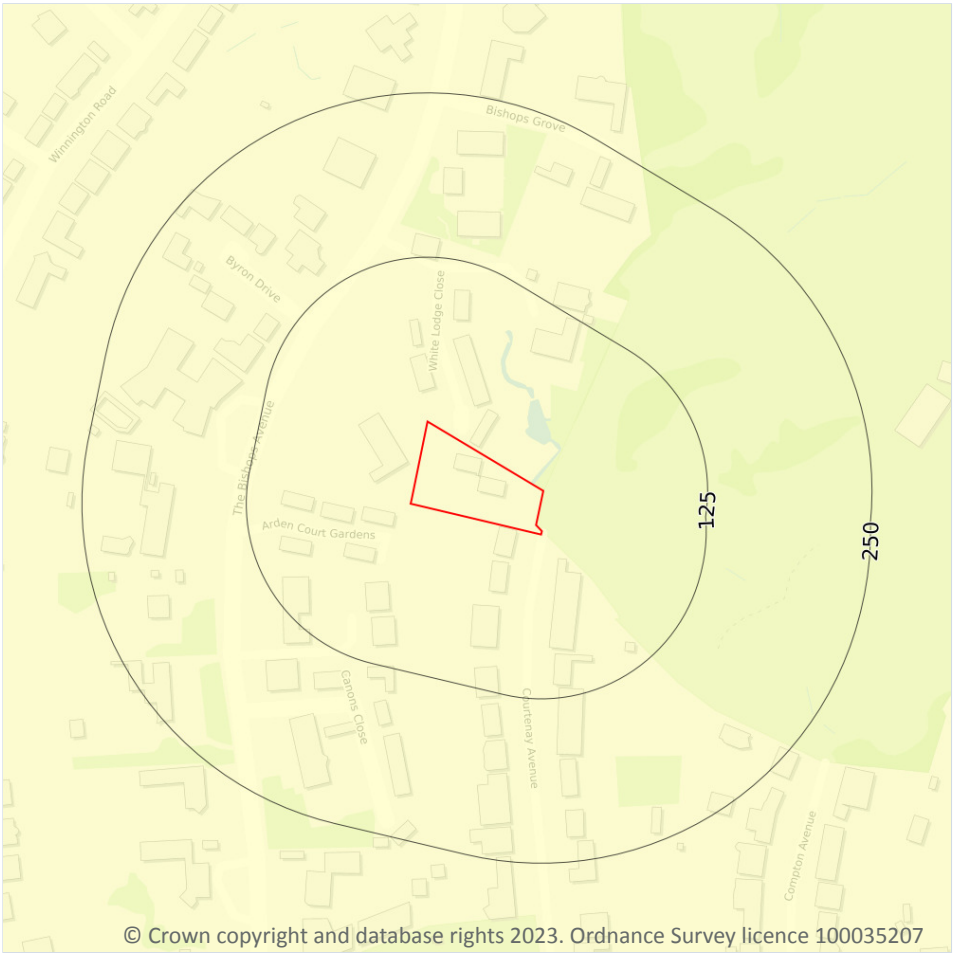
The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 80 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 81 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities



Site Outline

Search buffers in metres (m)

- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m	0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	5

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 83 >**

ID	Location	Land Use	Year of mapping	Mapping scale
A	28m NE	Ponds	1949	1:10560
A	31m NE	Ponds	1958	1:10560
A	89m N	Pond	1965	1:10560
B	207m N	Ponds	1949	1:10560
1	243m W	Unspecified Pit	1949	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	3

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining, ground workings and natural cavities map on **page 83 >**

ID	Location	Land Use	Year of mapping	Mapping scale
C	443m NE	Unspecified Shaft	1965	1:10560
C	443m NE	Unspecified Shaft	1974	1:10000
C	443m NE	Unspecified Shaft	1995	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.11 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

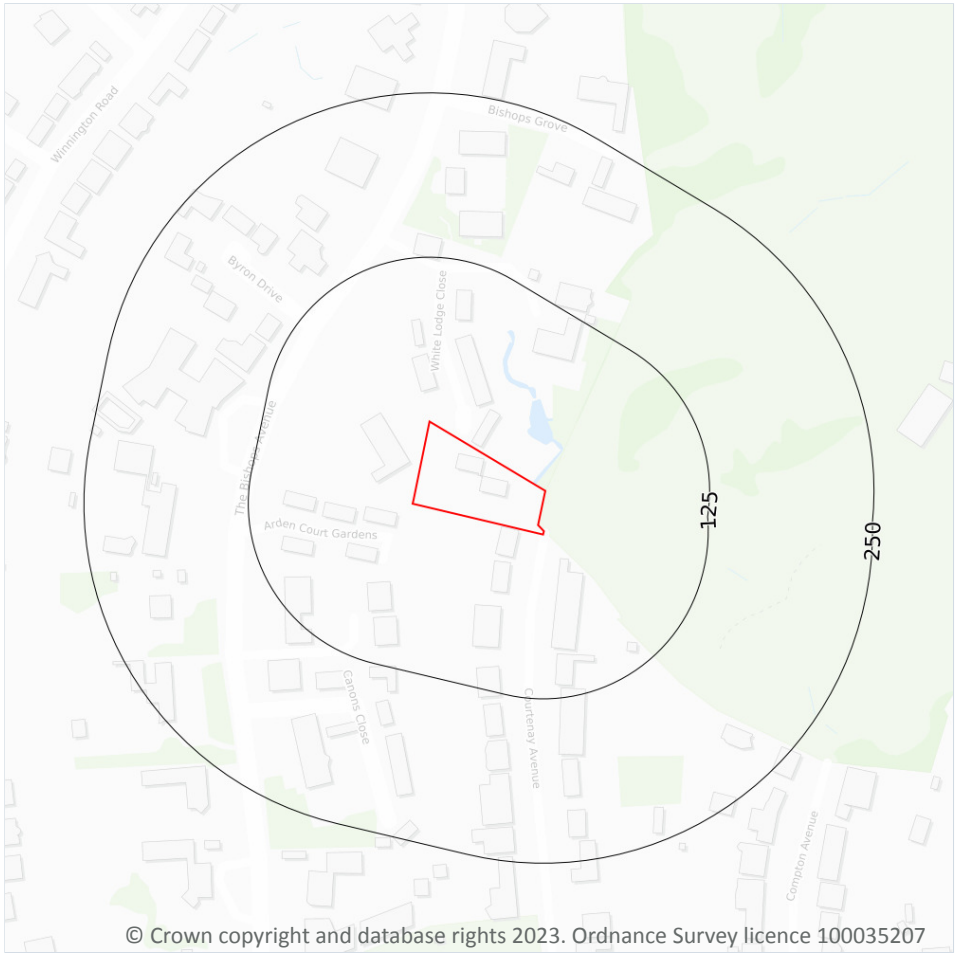
18.13 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Radon



Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

19.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 87 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Less than 1%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m **8**

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**No data**	**No data**	**No data**	**No data**	**No data**	**No data**	**No data**
On site	**No data**	**No data**	**No data**	**No data**	**No data**	**No data**	**No data**
7m SE	No data	No data	No data	No data	No data	No data	No data
7m SE	No data	No data	No data	No data	No data	No data	No data
15m S	No data	No data	No data	No data	No data	No data	No data
15m S	No data	No data	No data	No data	No data	No data	No data
44m S	No data	No data	No data	No data	No data	No data	No data
45m S	No data	No data	No data	No data	No data	No data	No data

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m **8**

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	**17**	**3**	**261**	**179**	**0.7**	**75**	**76**	**29**	**21**

Location	Arsenic (mg/kg)	Bioaccessible Arsenic (mg/kg)	Lead (mg/kg)	Bioaccessible Lead (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Tin (mg/kg)
On site	**17**	**3**	**257**	**177**	**0.6**	**73**	**70**	**28**	**21**
7m SE	18	3.2	279	192	0.7	75	74	29	24
7m NW	17	3	256	176	0.6	75	79	30	20
15m S	18	3.2	279	192	0.7	75	75	28	23
31m N	17	3	238	164	0.6	71	64	27	19
38m W	17	3	264	181	0.7	76	79	29	21
49m SW	18	3.2	281	193	0.7	76	77	27	23

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m	**0**

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects

21.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

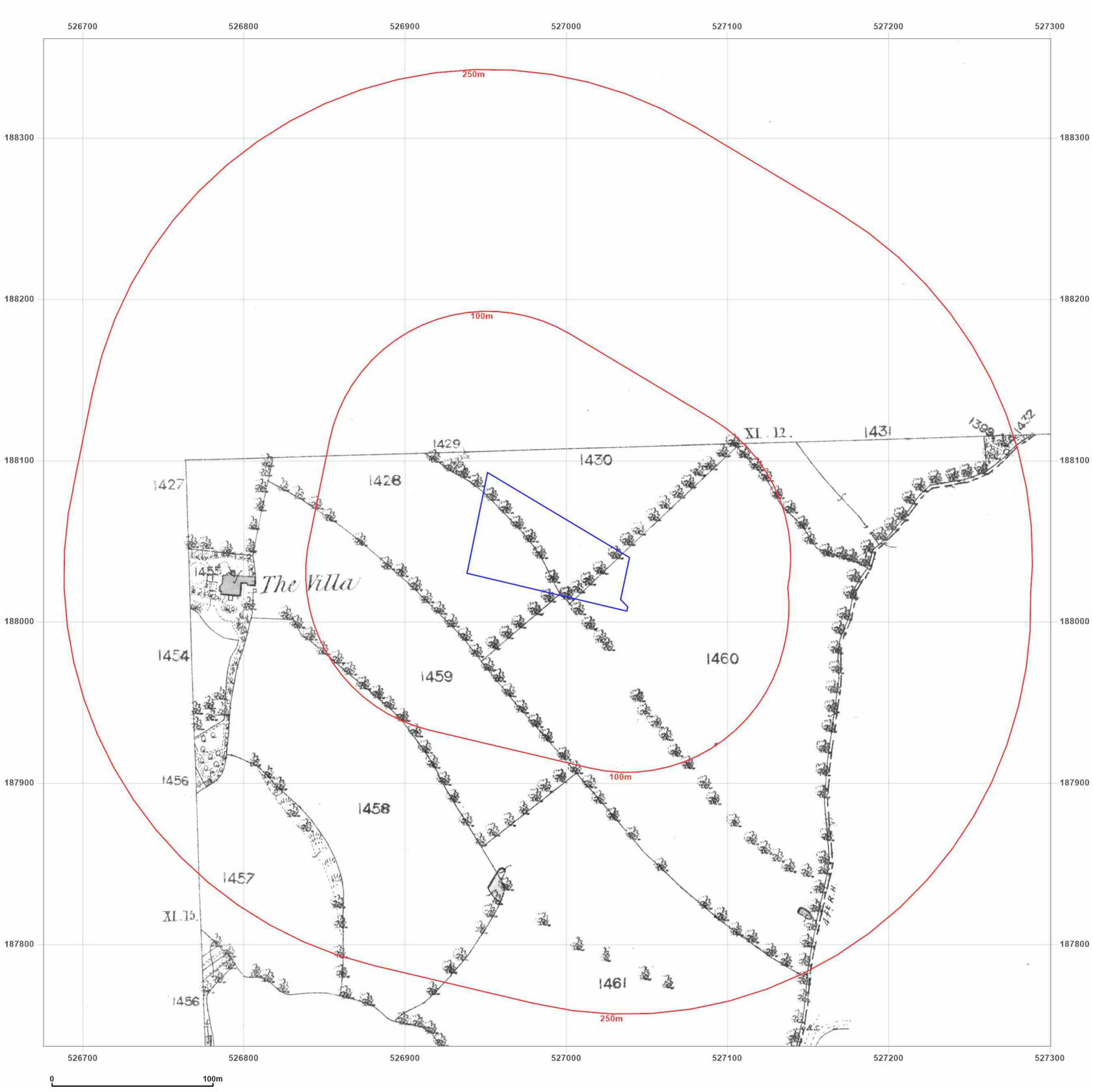
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APPENDIX 3 – OS HISTORICAL MAPS



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Site Details:

SPROUGHTON, COURTENAY AVENUE, HORNSEY, LONDON, N6 4LR

Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1863**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1863
Revised 1863
Edition N/A
Copyright N/A
Levelled N/A

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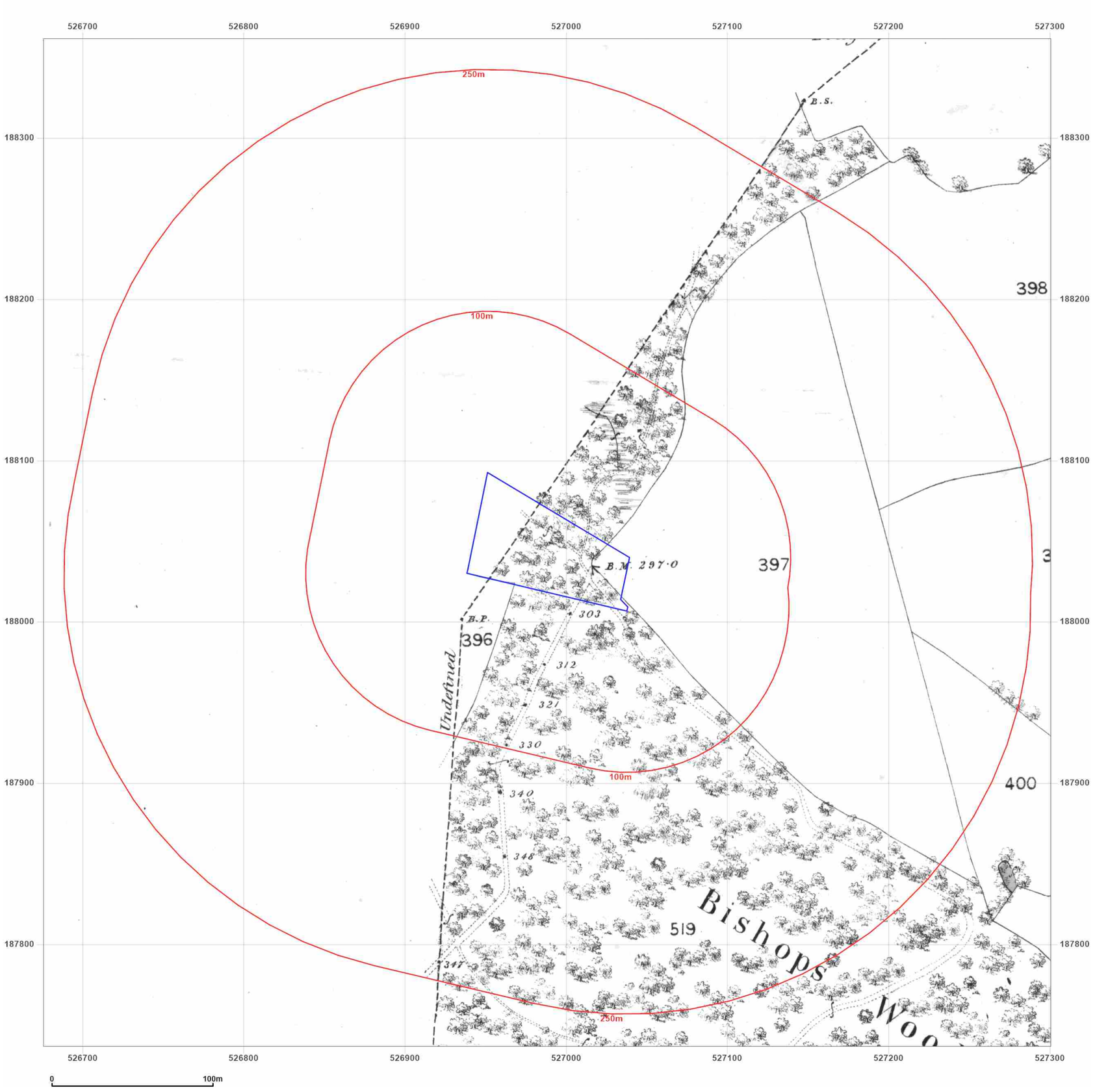
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Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1864**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1864
Revised 1864
Edition N/A
Copyright N/A
Levelled N/A

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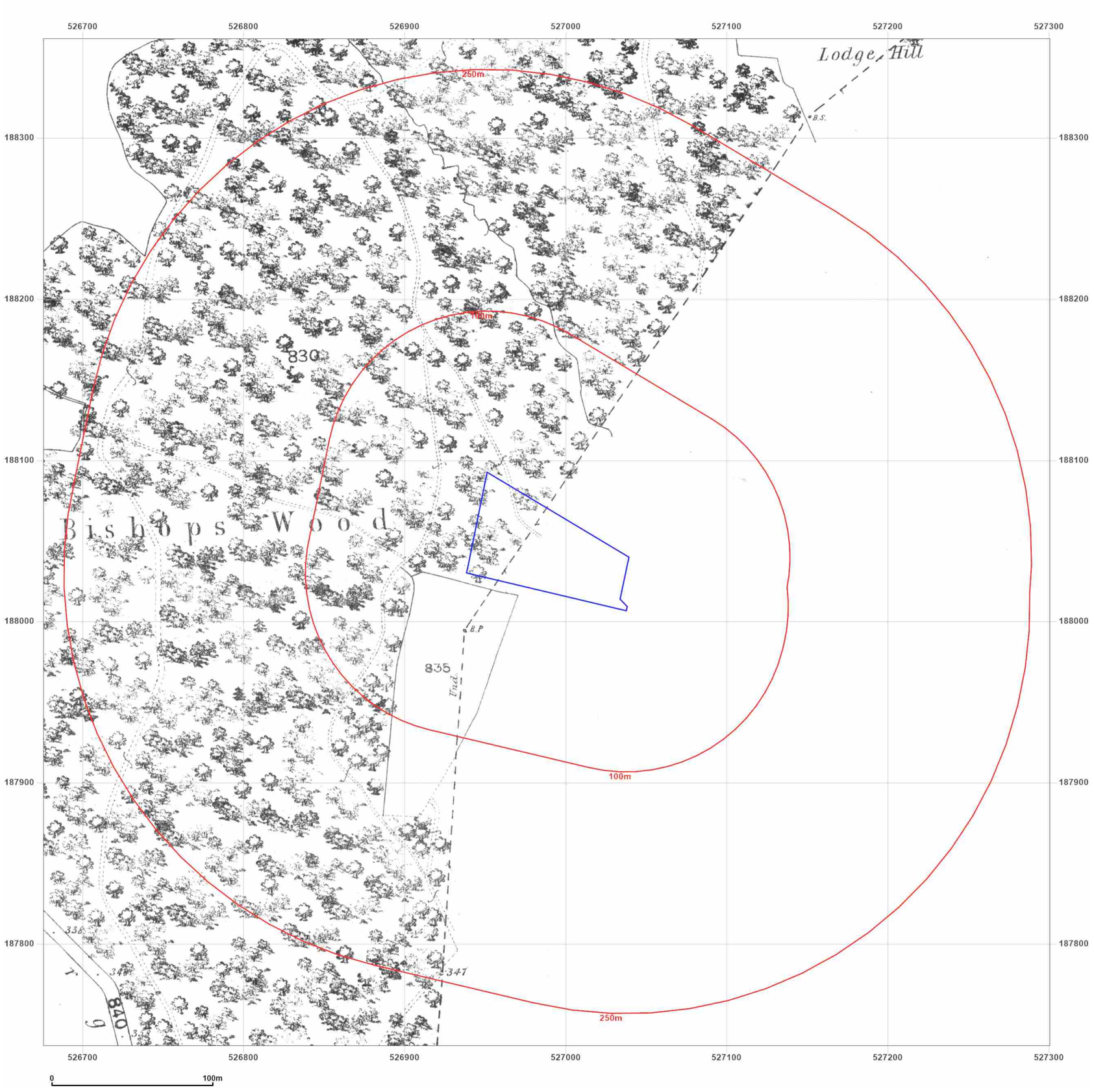
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Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1864**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1864
Revised 1864
Edition N/A
Copyright N/A
Levelled N/A

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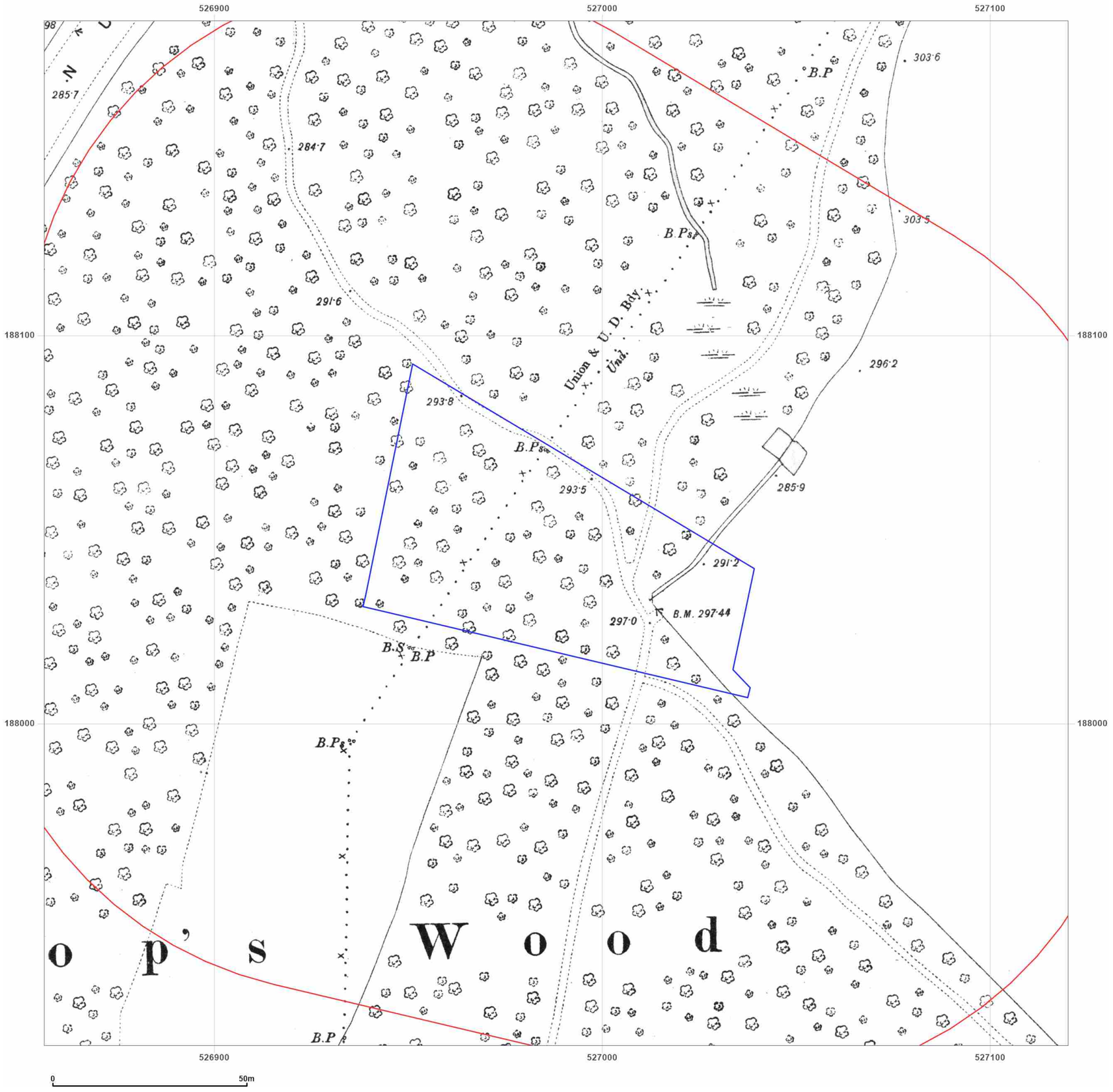
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: 1056 Scale Town Plan

Map date: **1896**

Scale: 1:1,056

Printed at: 1:1,056

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Surveyed 1893
Revised N/A
Edition 1896
Copyright N/A
Levelled N/A

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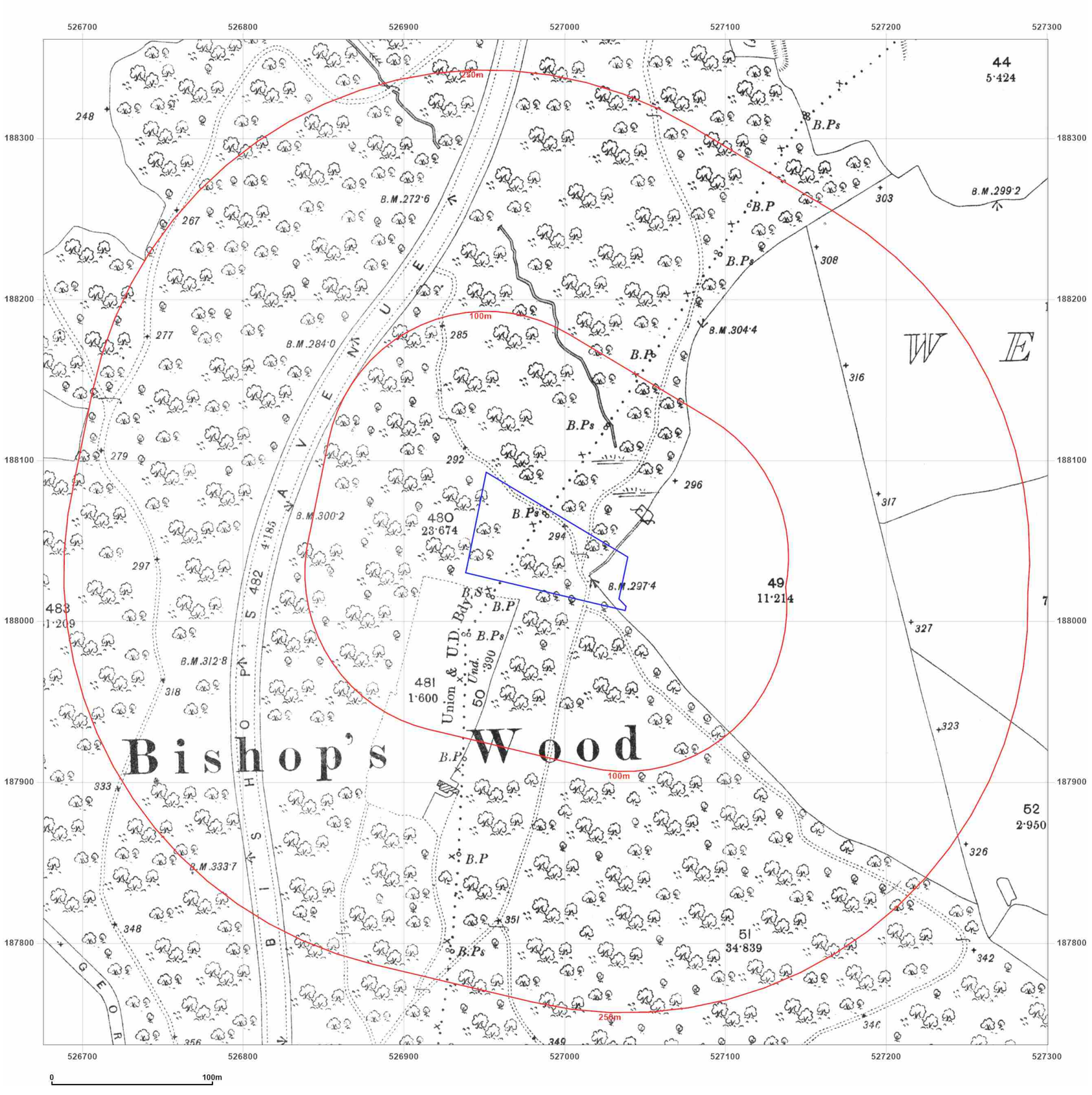
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Map Name: County Series

Map date: **1896**

Scale: 1:2,500

Printed at: 1:2,500

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Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

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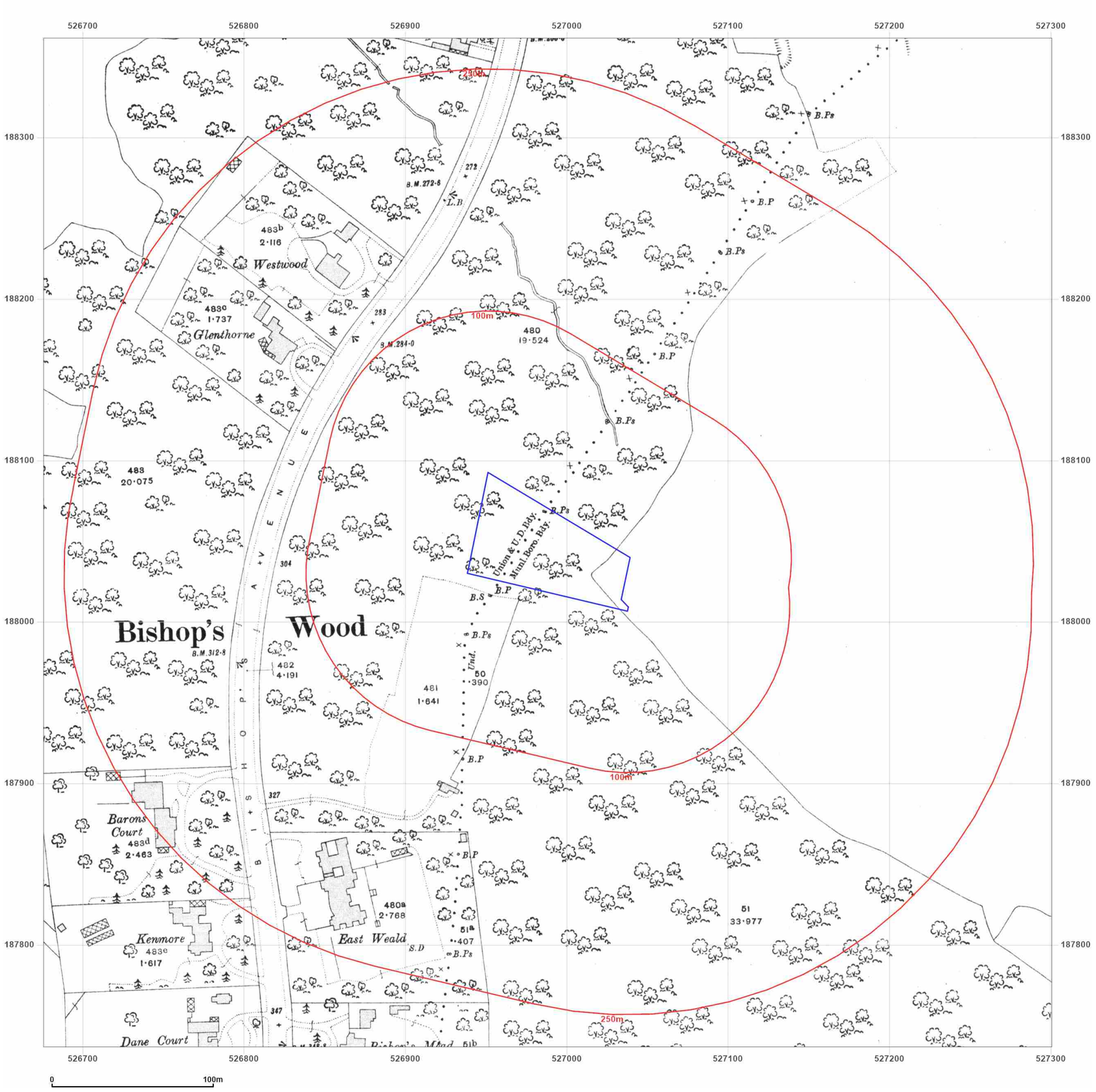
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Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1915
Revised 1915
Edition N/A
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Levelled N/A

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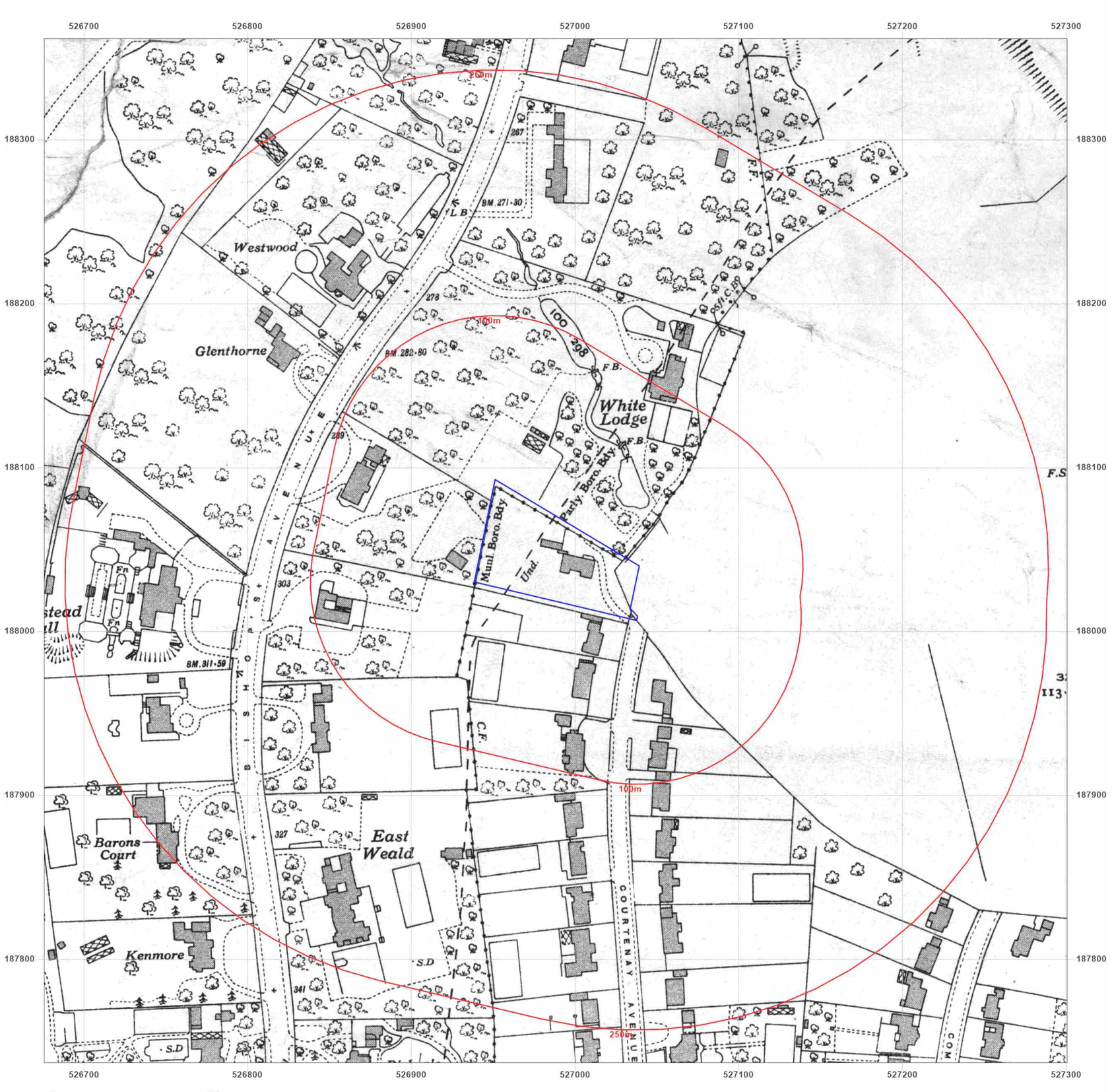
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Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1936**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1936
Revised 1936
Edition N/A
Copyright N/A
Levelled N/A

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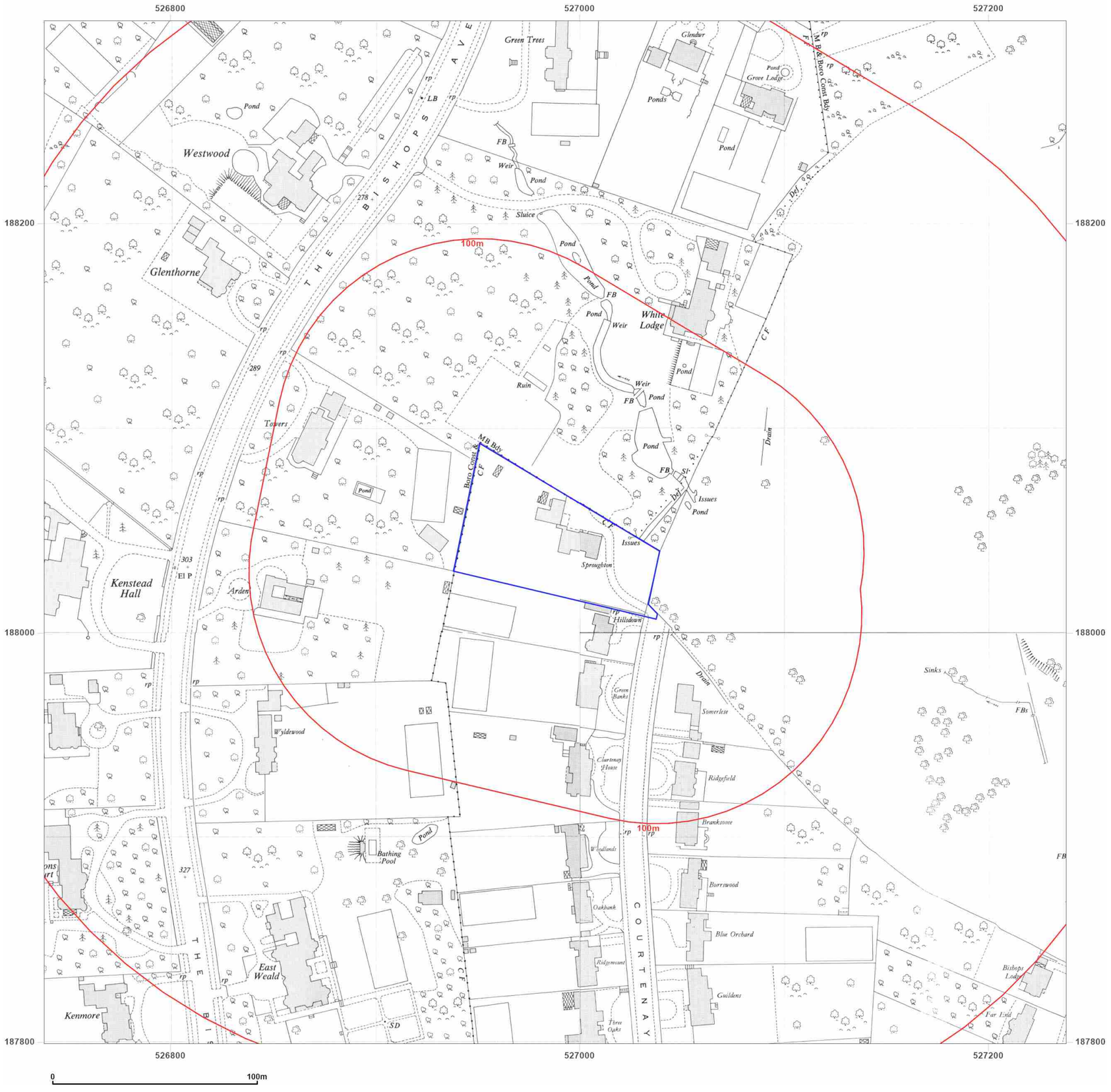
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1950-1951**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1951 Revised 1951 Edition N/A Copyright N/A Levelled 1933	Surveyed 1950 Revised 1950 Edition N/A Copyright N/A Levelled 1933
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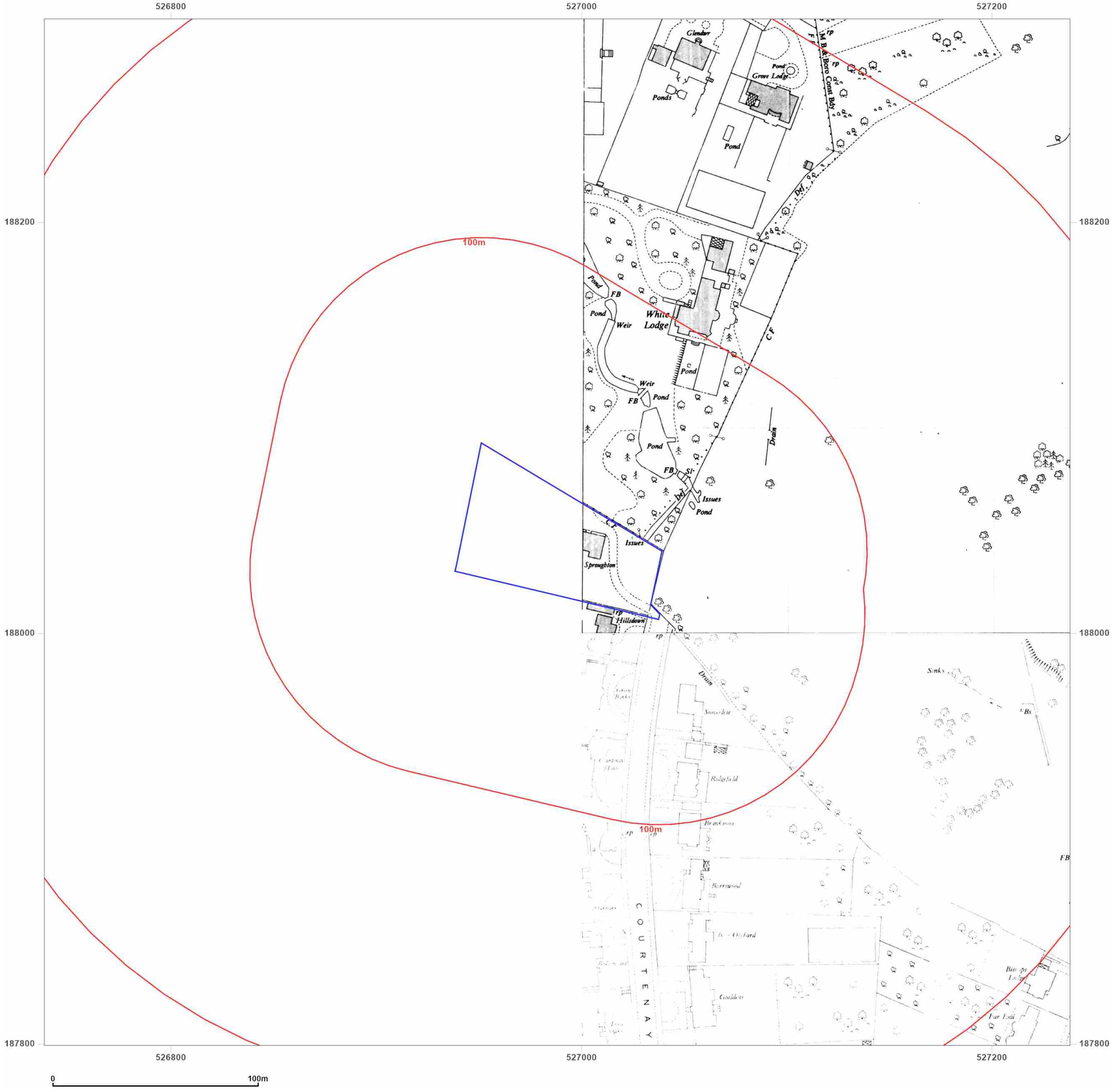
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Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

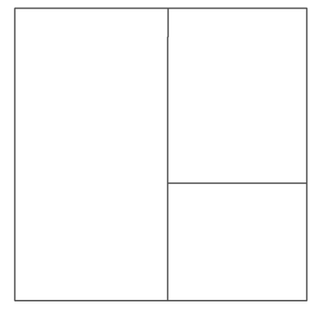
Map Name: National Grid

Map date: **1951-1952**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Groundsure INSIGHTS

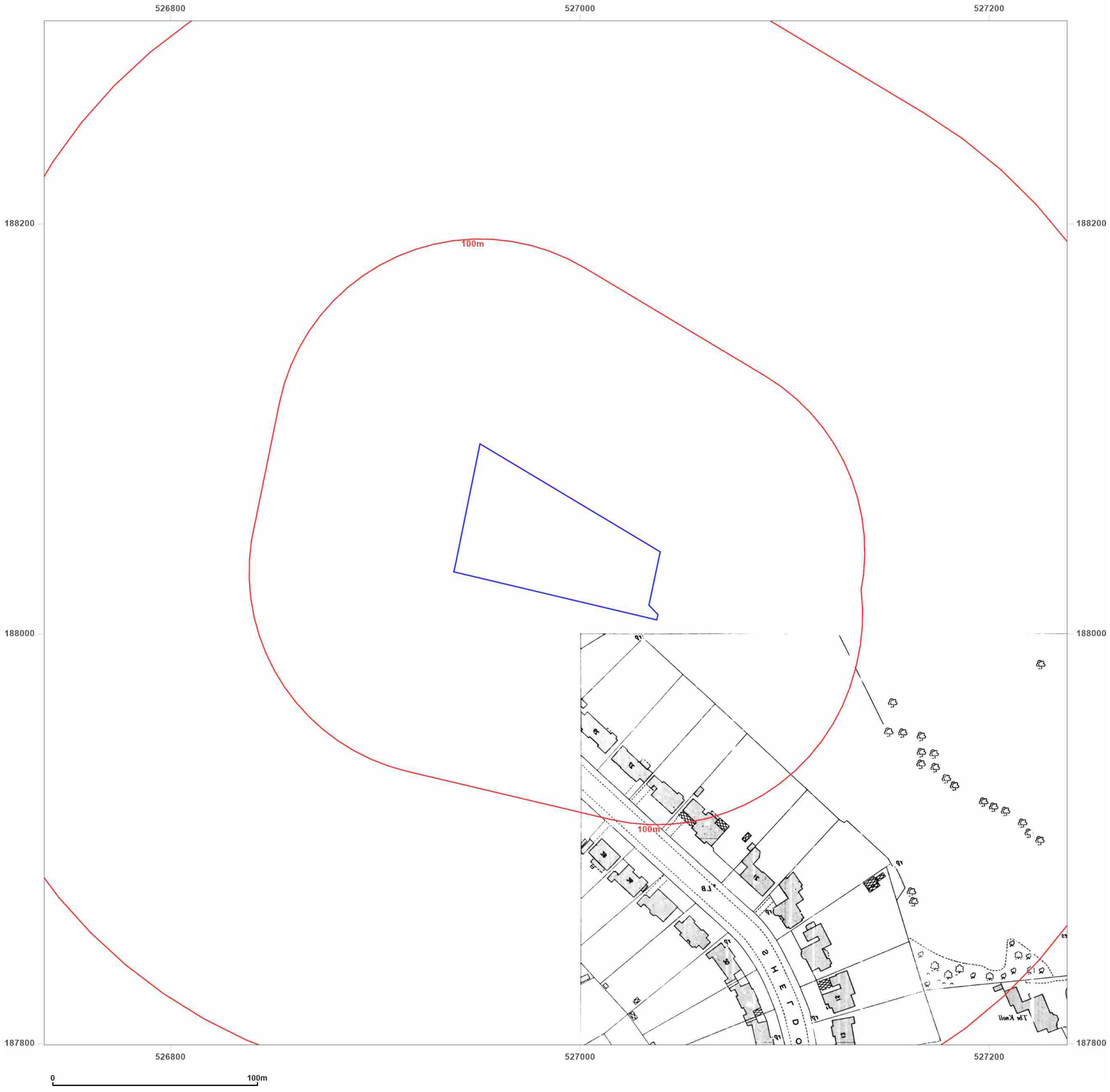
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Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

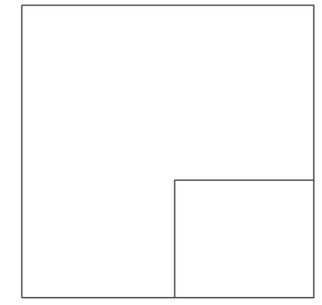
Map Name: National Grid

Map date: **1952**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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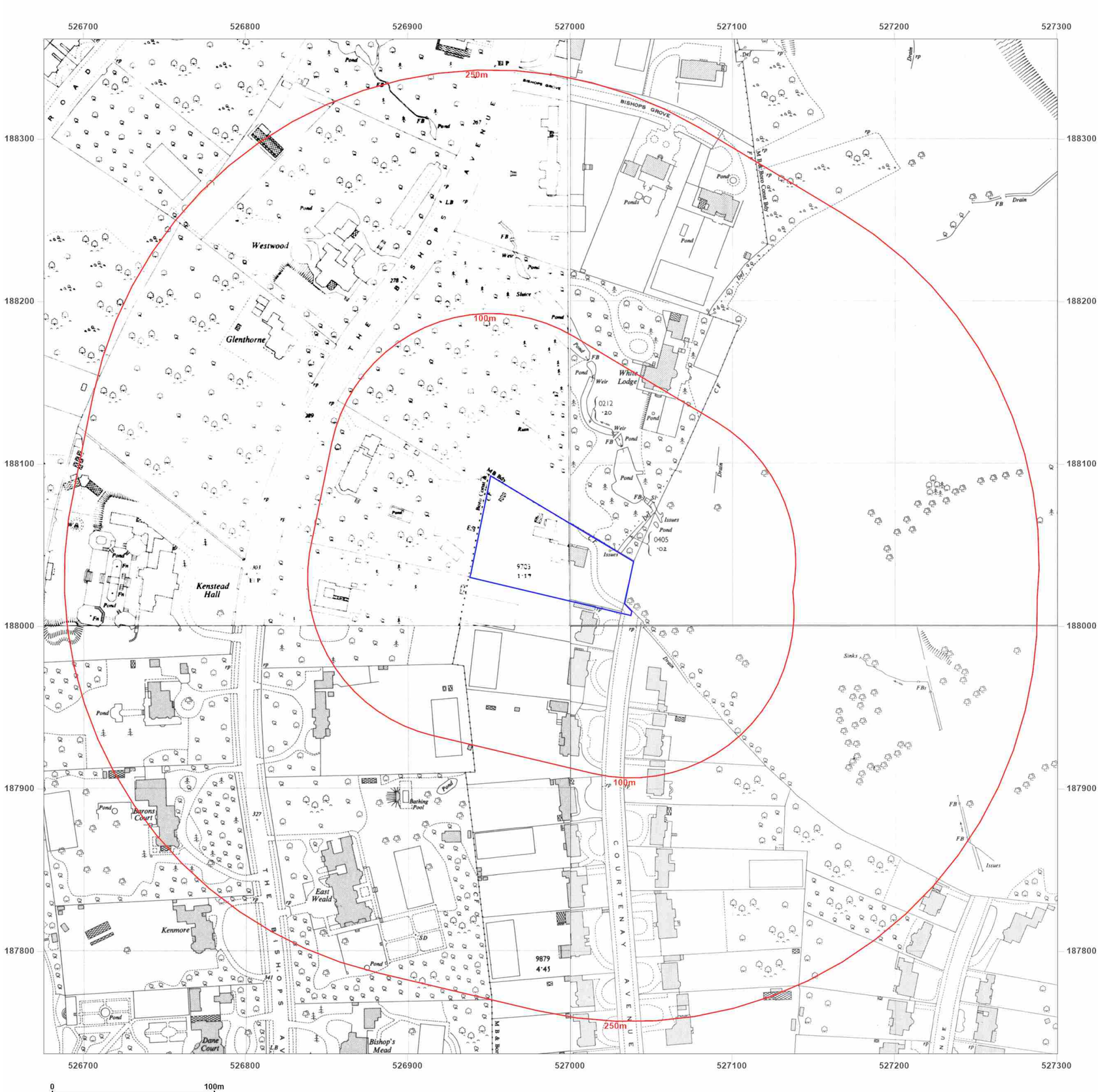
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Site Details:

SPROUGHTON, COURTENAY AVENUE, HORNSEY, LONDON, N6 4LR

Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1950-1953**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1933

Surveyed 1951
Revised 1951
Edition N/A
Copyright N/A
Levelled 1933

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled 1934

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Site Details:

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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

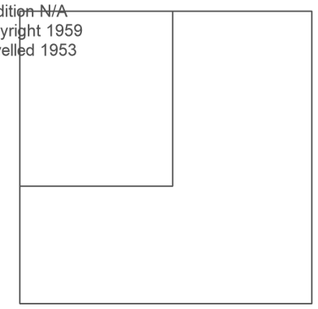
Map date: **1959**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed 1951
Revised 1959
Edition N/A
Copyright 1959
Levelled 1953



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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
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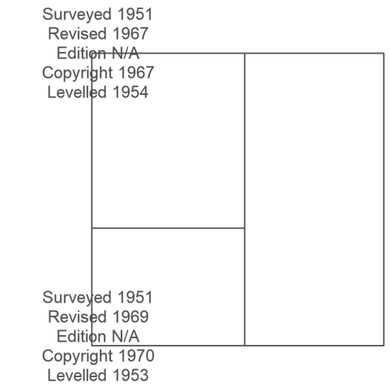
Map Name: National Grid

Map date: **1967-1970**

Scale: 1:1,250

Printed at: 1:2,000

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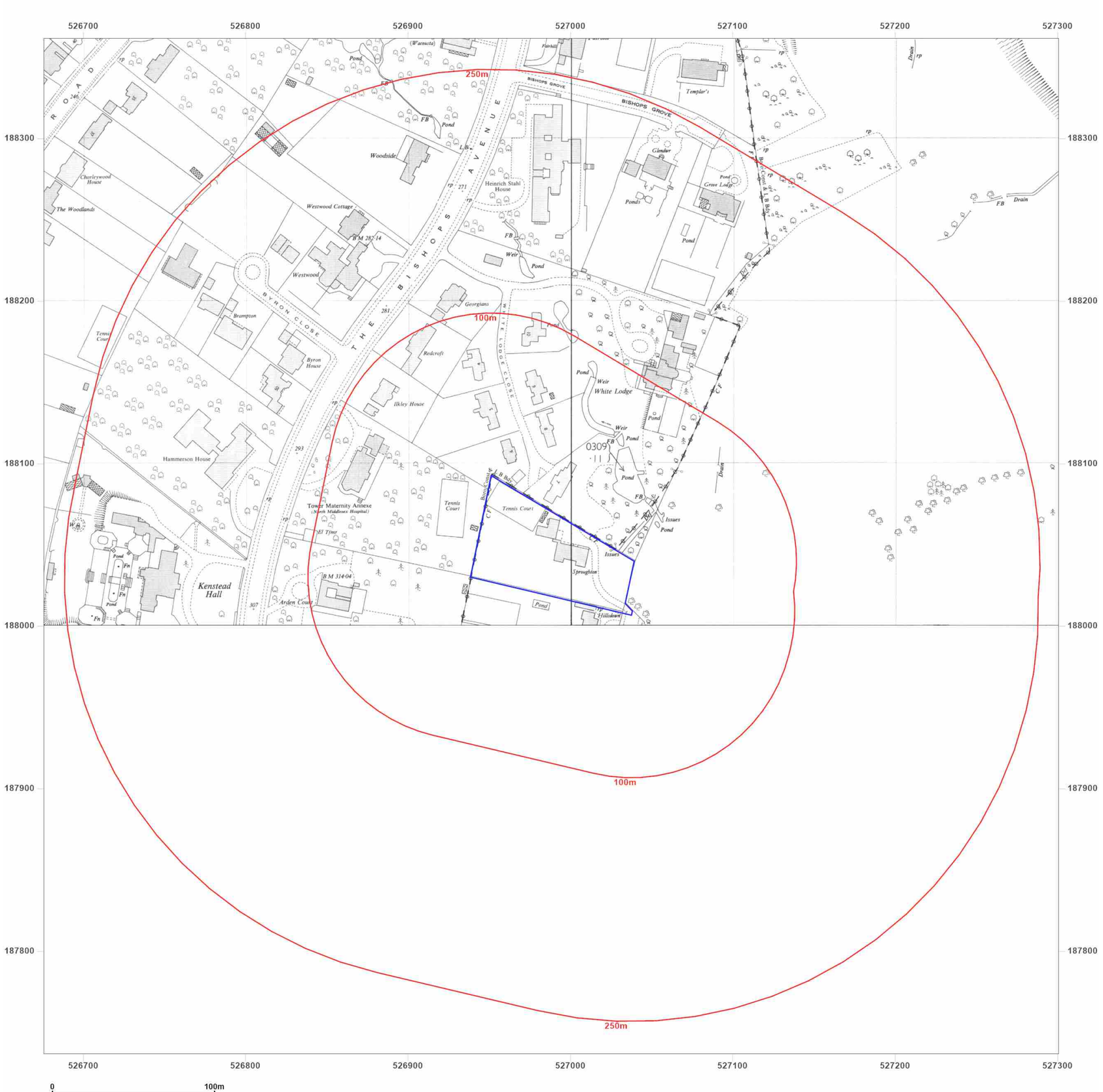
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1970**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1969
Revised 1969
Edition N/A
Copyright 1970
Levelled N/A

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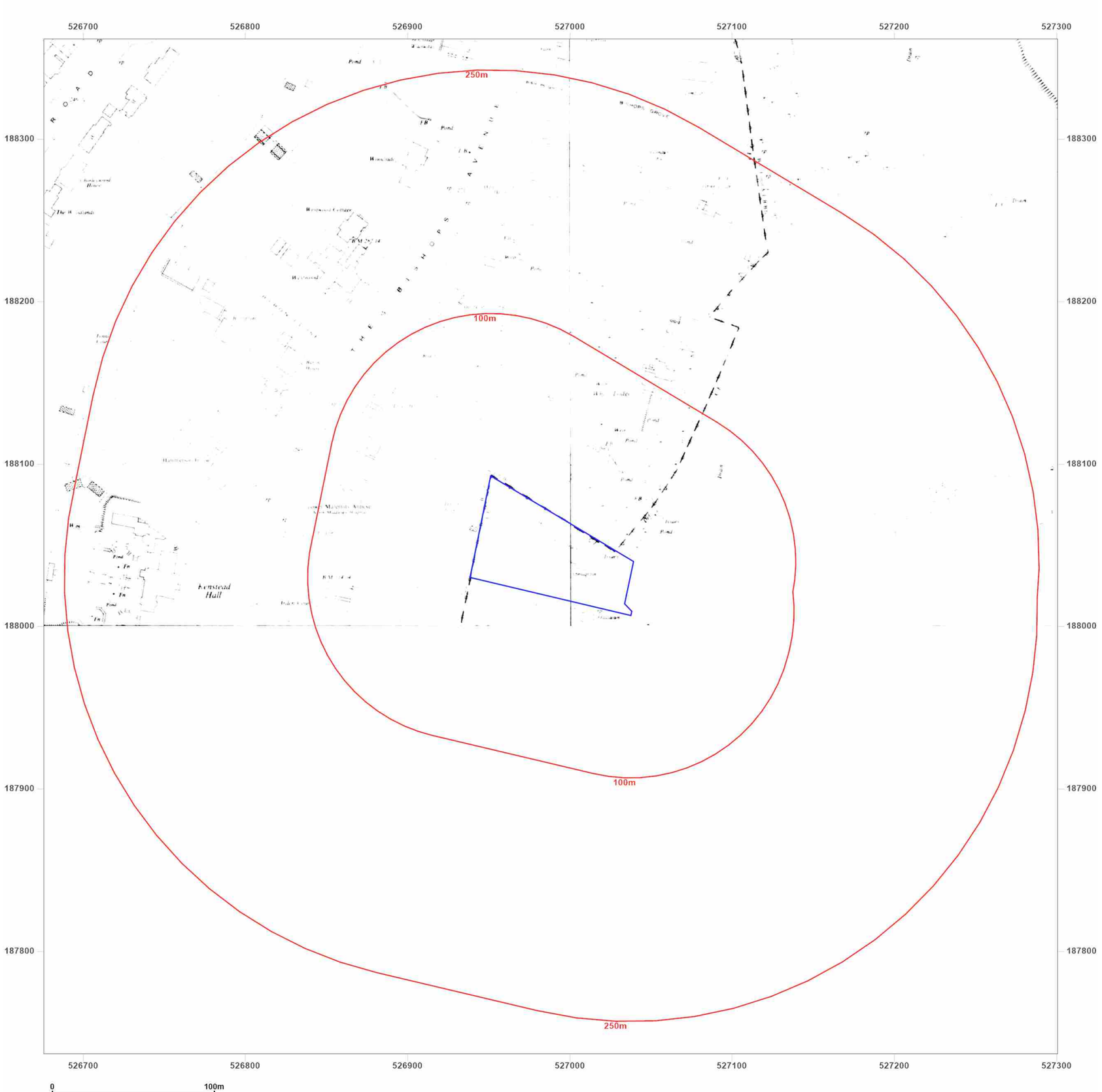
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1970**

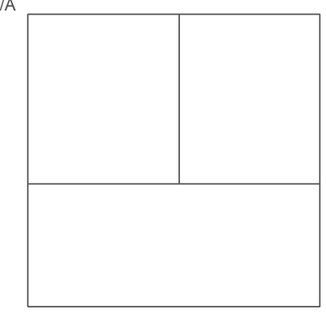
Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition 1970
Copyright 1970
Levelled N/A

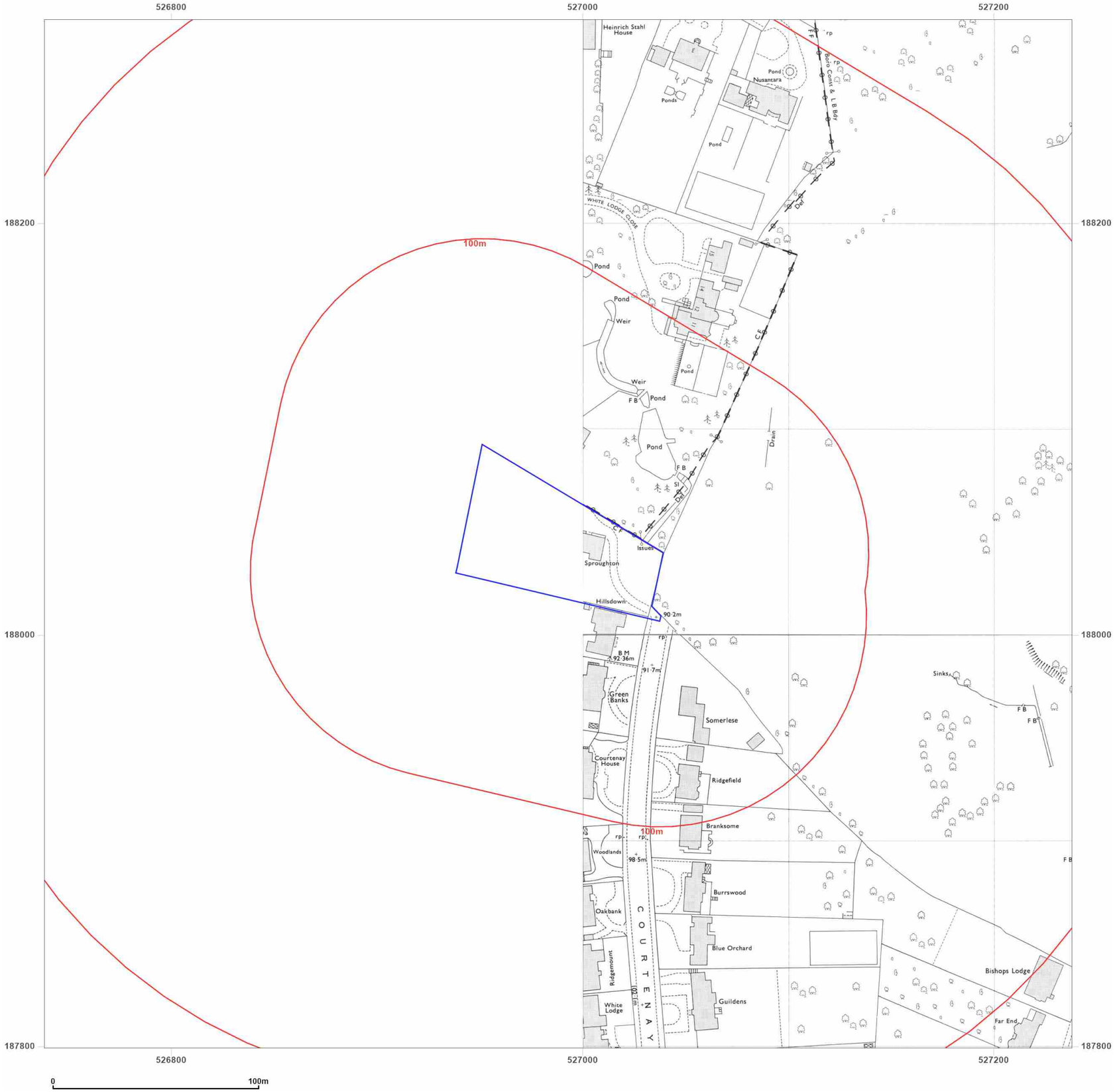


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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1973-1975**

Scale: 1:1,250

Printed at: 1:2,000

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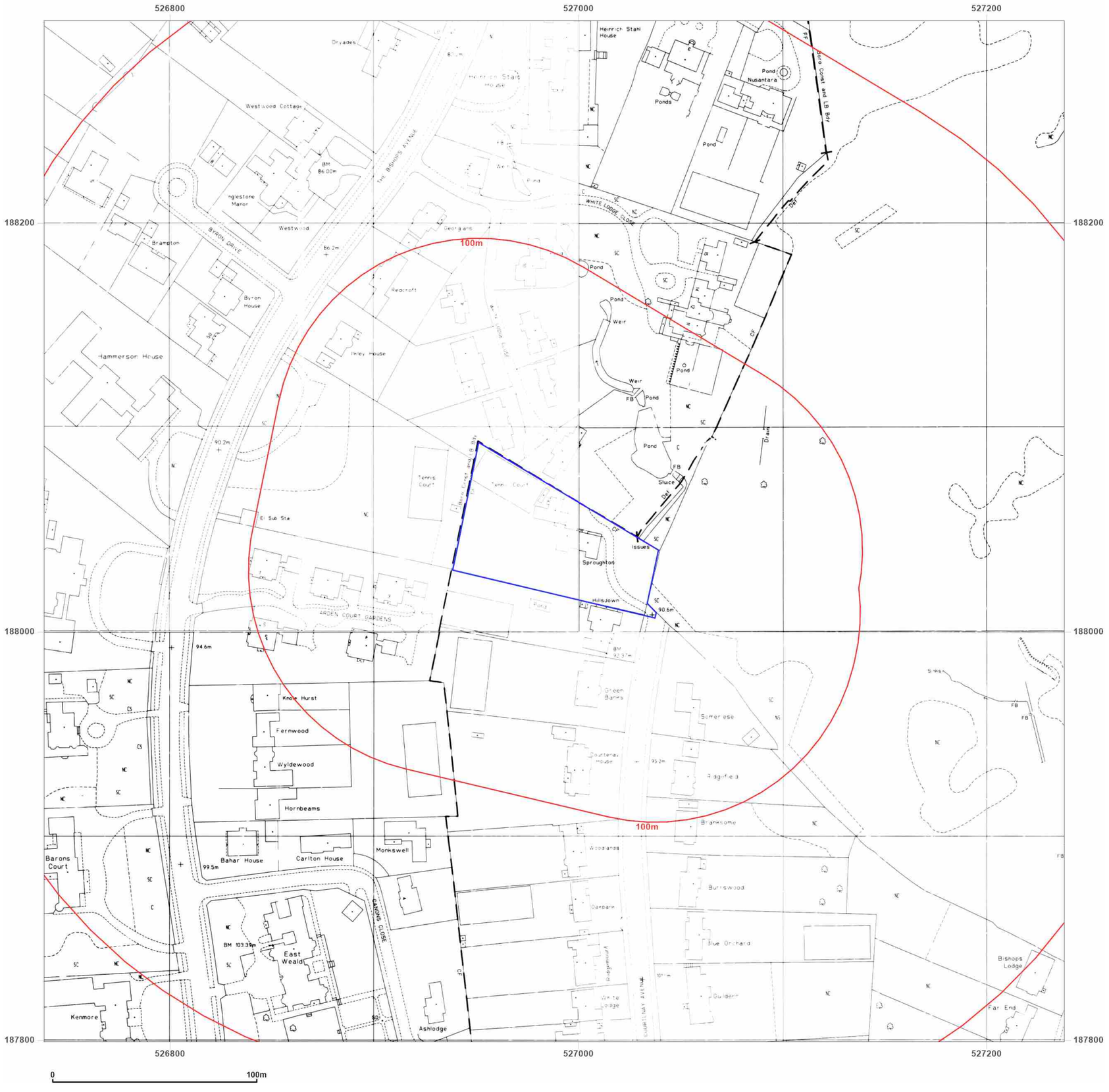
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1991**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1991
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1991
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
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Edition N/A
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1991**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

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Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

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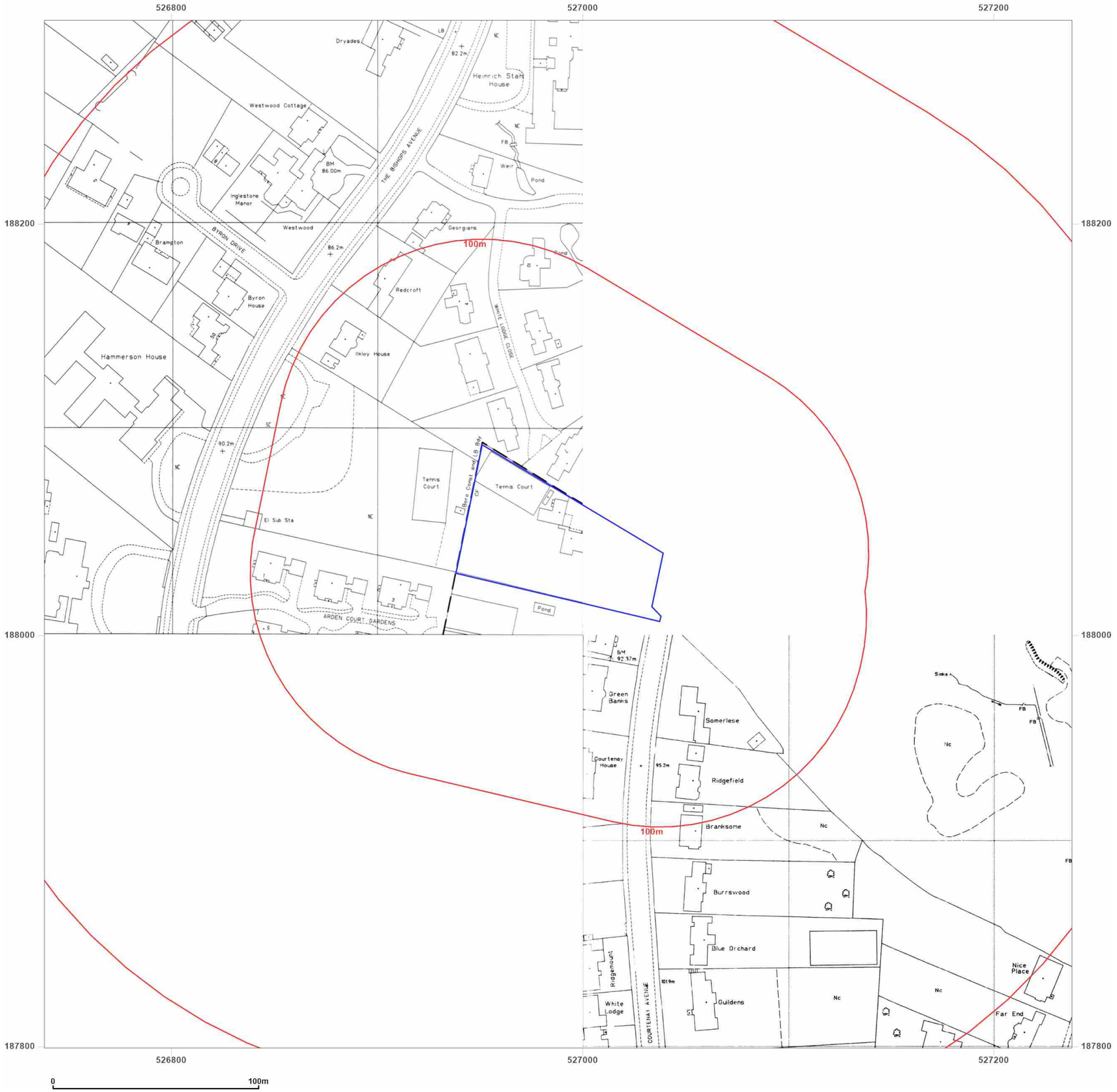
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1991-1995**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

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Revised N/A
Edition N/A
Copyright 1995
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1995**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A

Surveyed 1995
Revised 1995
Edition N/A
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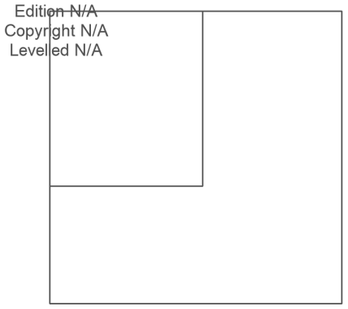
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Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid
Map date: **1995**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
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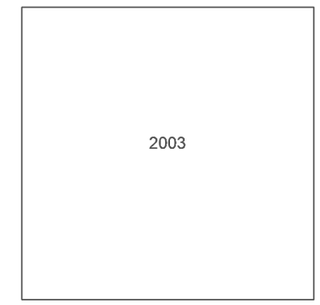
Site Details:

SPROUGHTON, COURTENAY AVENUE, HORNSEY, LONDON, N6 4LR

Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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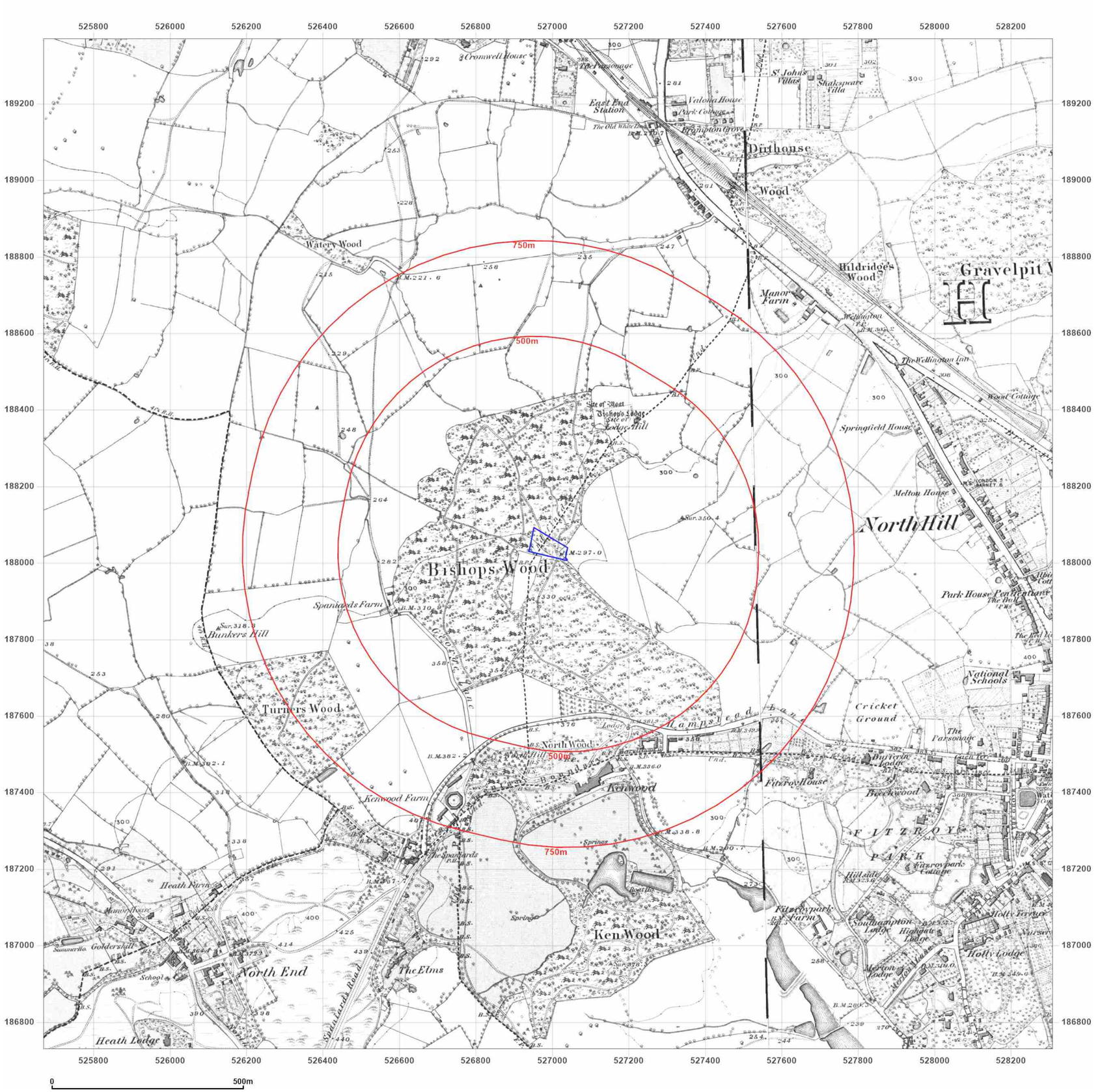
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Site Details:

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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series
Map date: **1873**
Scale: 1:10,560
Printed at: 1:10,560

N
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Surveyed 1865
Revised N/A
Edition 1873
Copyright N/A
Levelled N/A

Surveyed 1869
Revised 1869
Edition 1873
Copyright N/A
Levelled N/A

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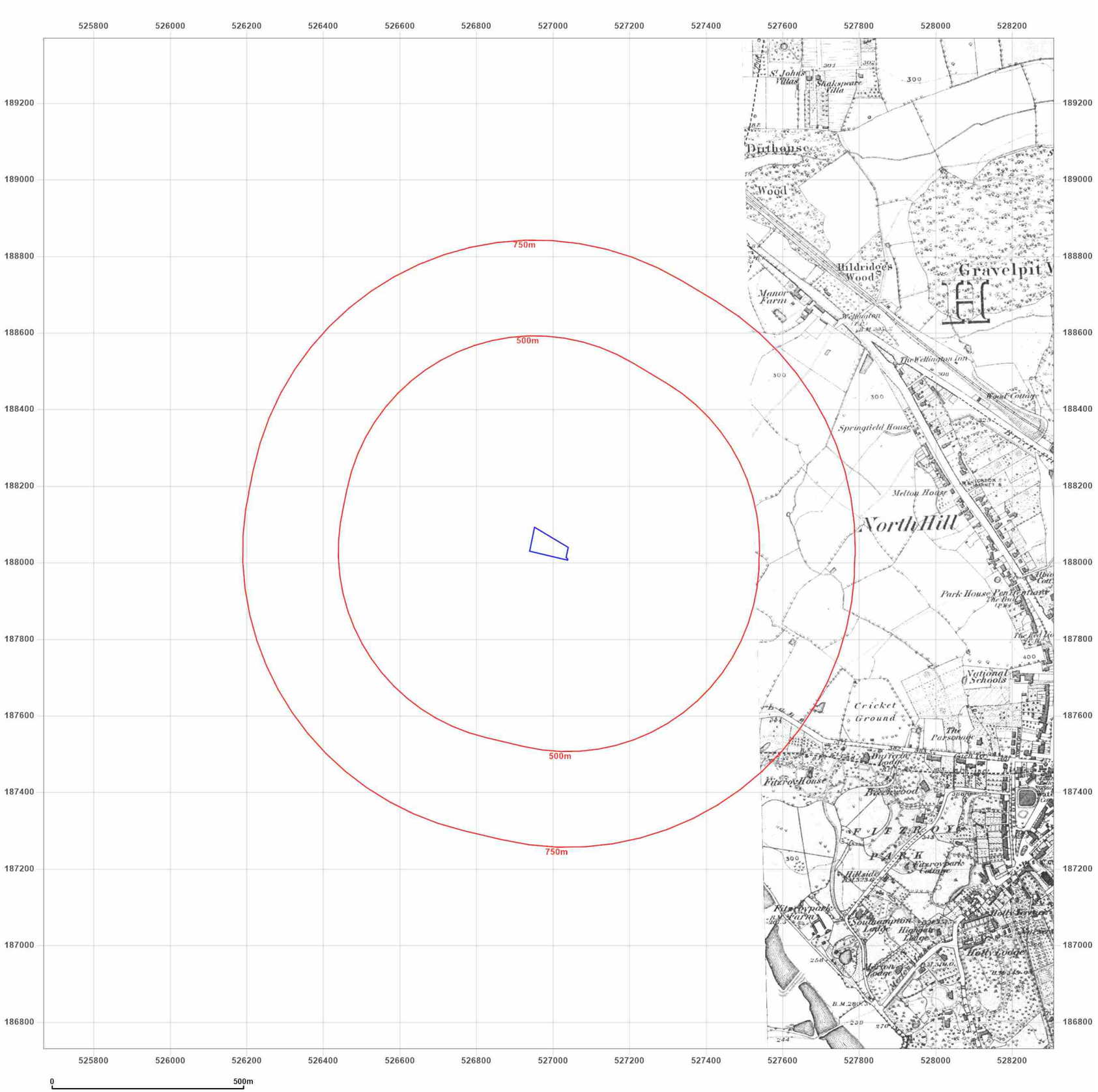
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

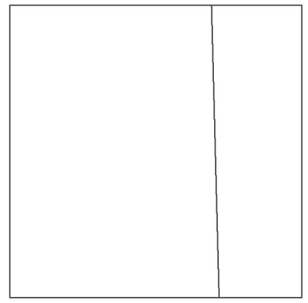
Map Name: County Series

Map date: **1879**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1879
Revised 1879
Edition N/A
Copyright N/A
Levelled N/A

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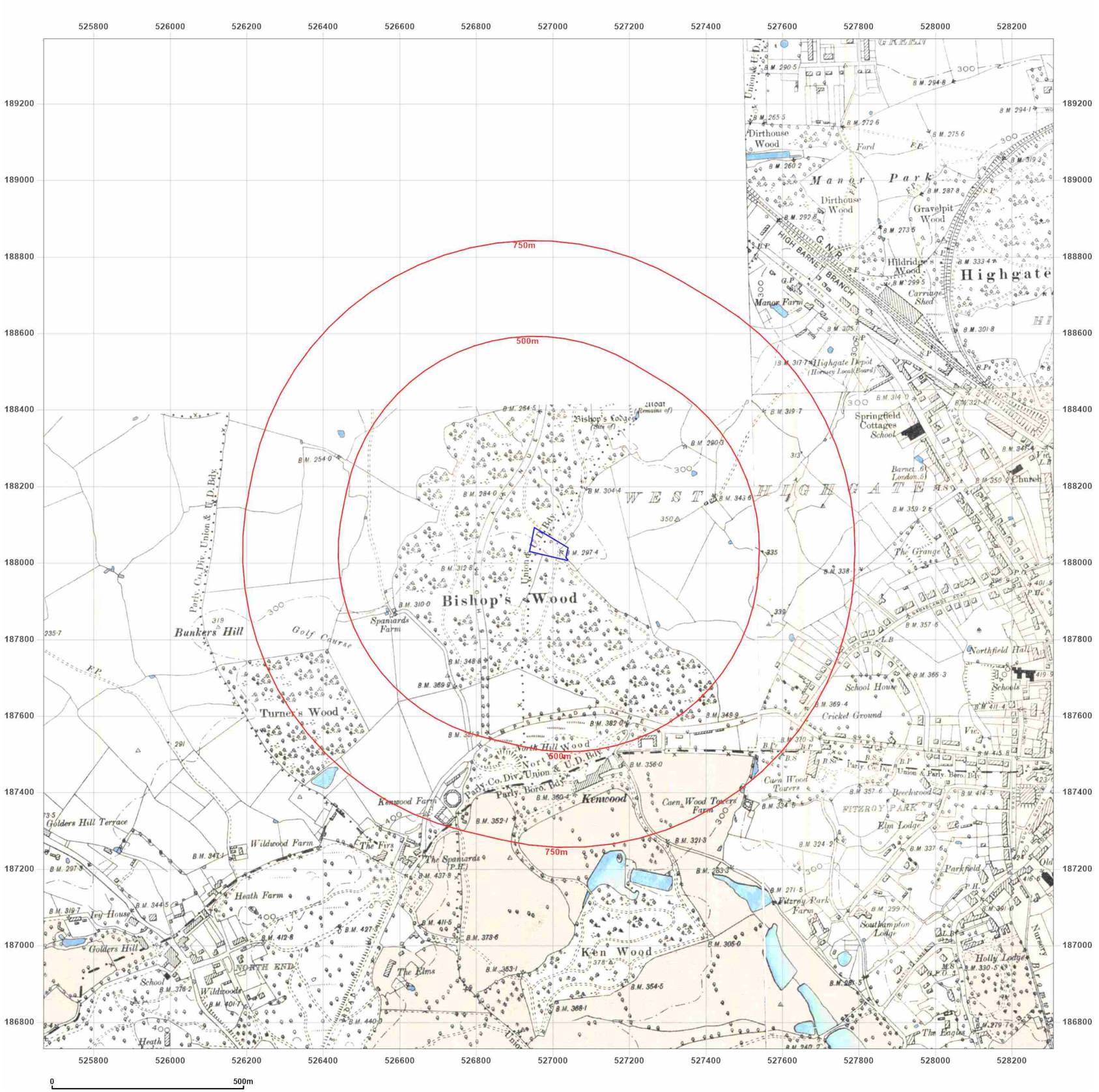
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

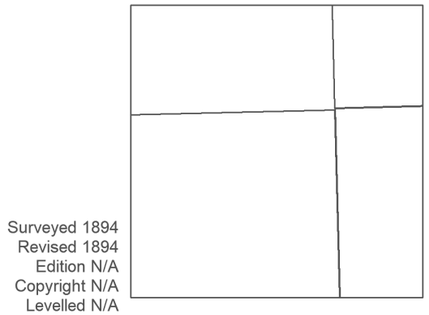
Map date: **1894**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

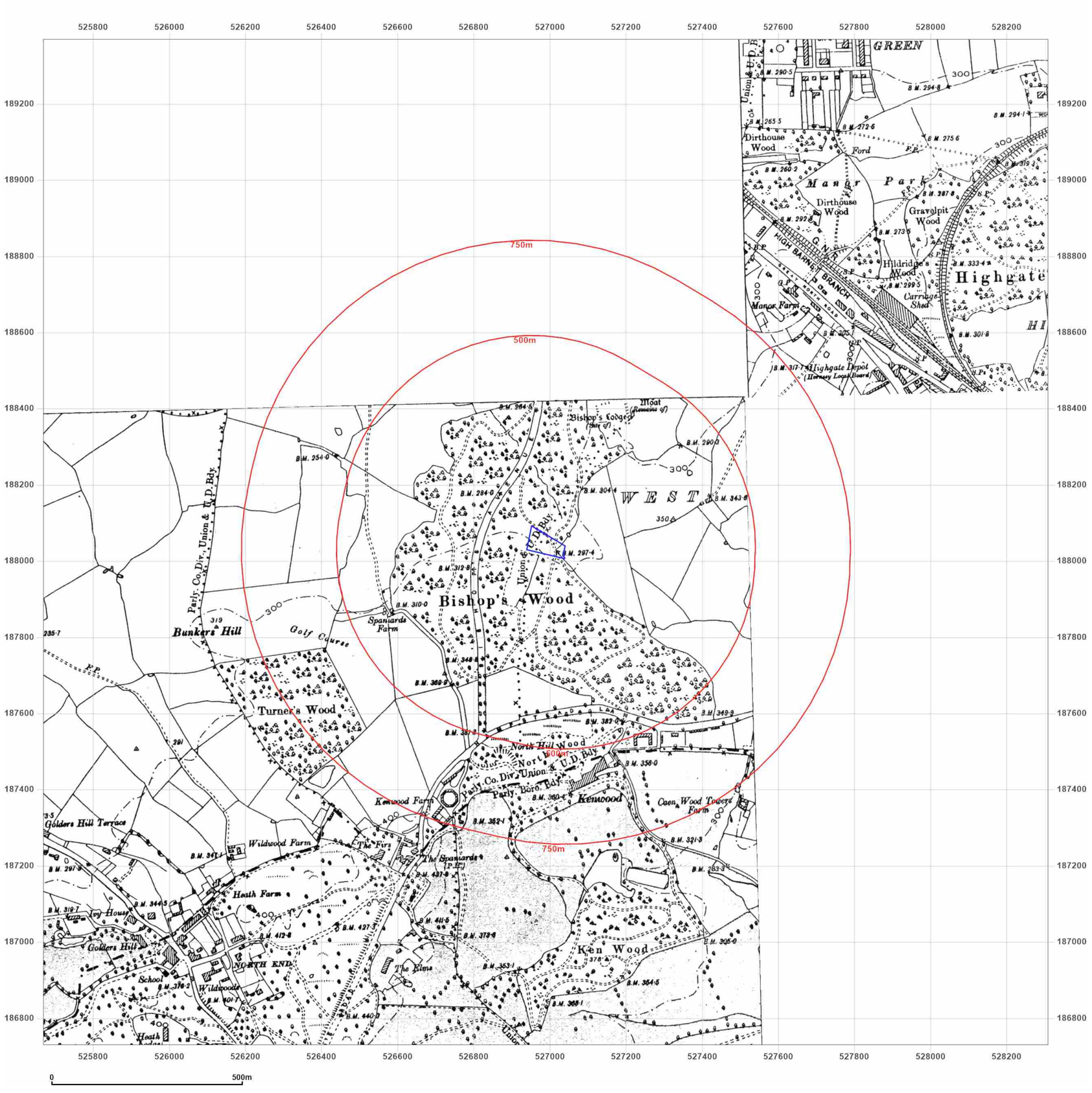
Surveyed 1894
Revised 1894
Edition N/A
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Site Details:

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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

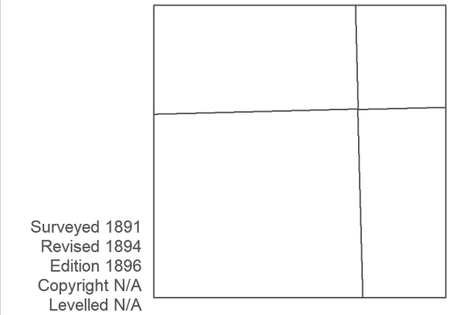
Map date: **1896**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed N/A
Revised 1894
Edition 1896
Copyright N/A
Levelled N/A



Surveyed 1891
Revised 1894
Edition 1896
Copyright N/A
Levelled N/A

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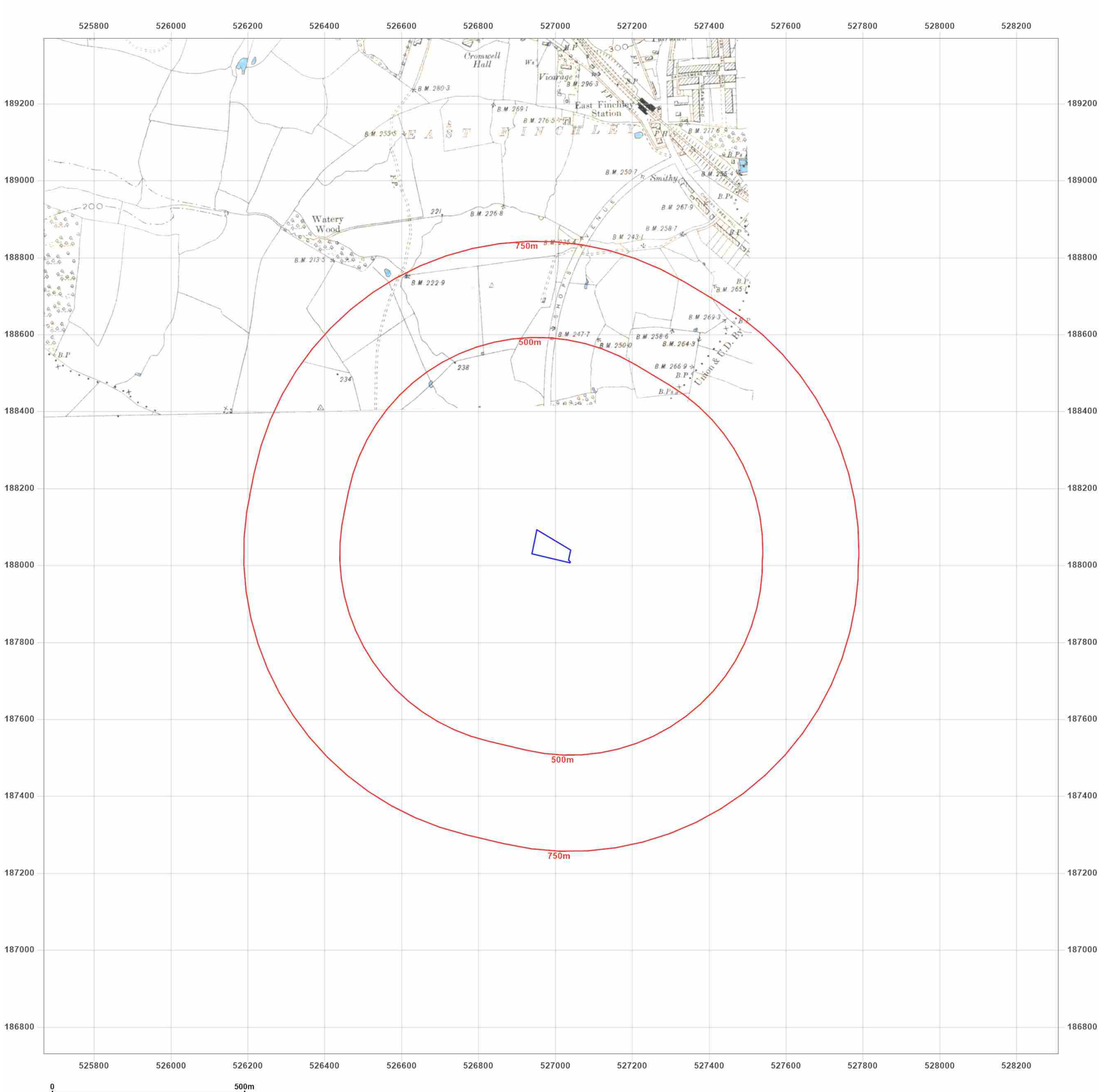
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

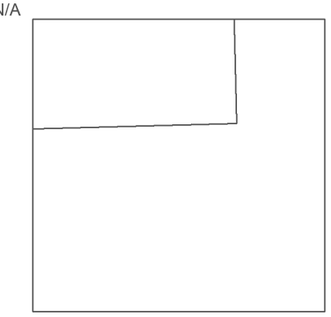
Map date: **1896**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1895
Revised 1895
Edition 1896
Copyright N/A
Levelled N/A



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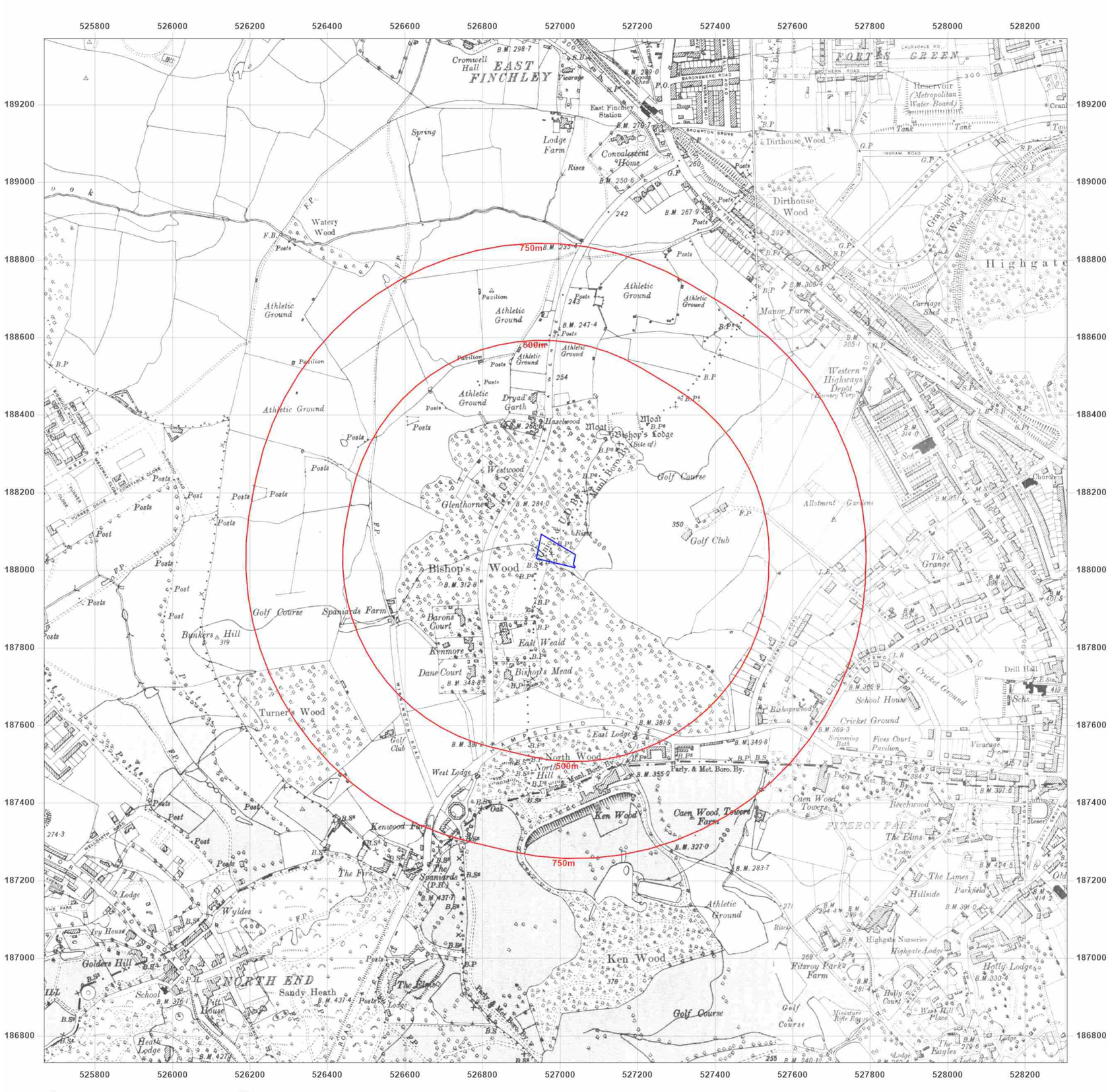
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1920**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1865
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1869
Revised 1919
Edition 1920
Copyright N/A
Levelled 1913

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Site Details:

SPROUGHTON, COURTENAY AVENUE, HORNSEY, LONDON, N6 4LR

Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

Map date: **1936-1938**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1863
Revised 1936
Edition 1935
Copyright N/A
Levelled 1934

Surveyed 1869
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

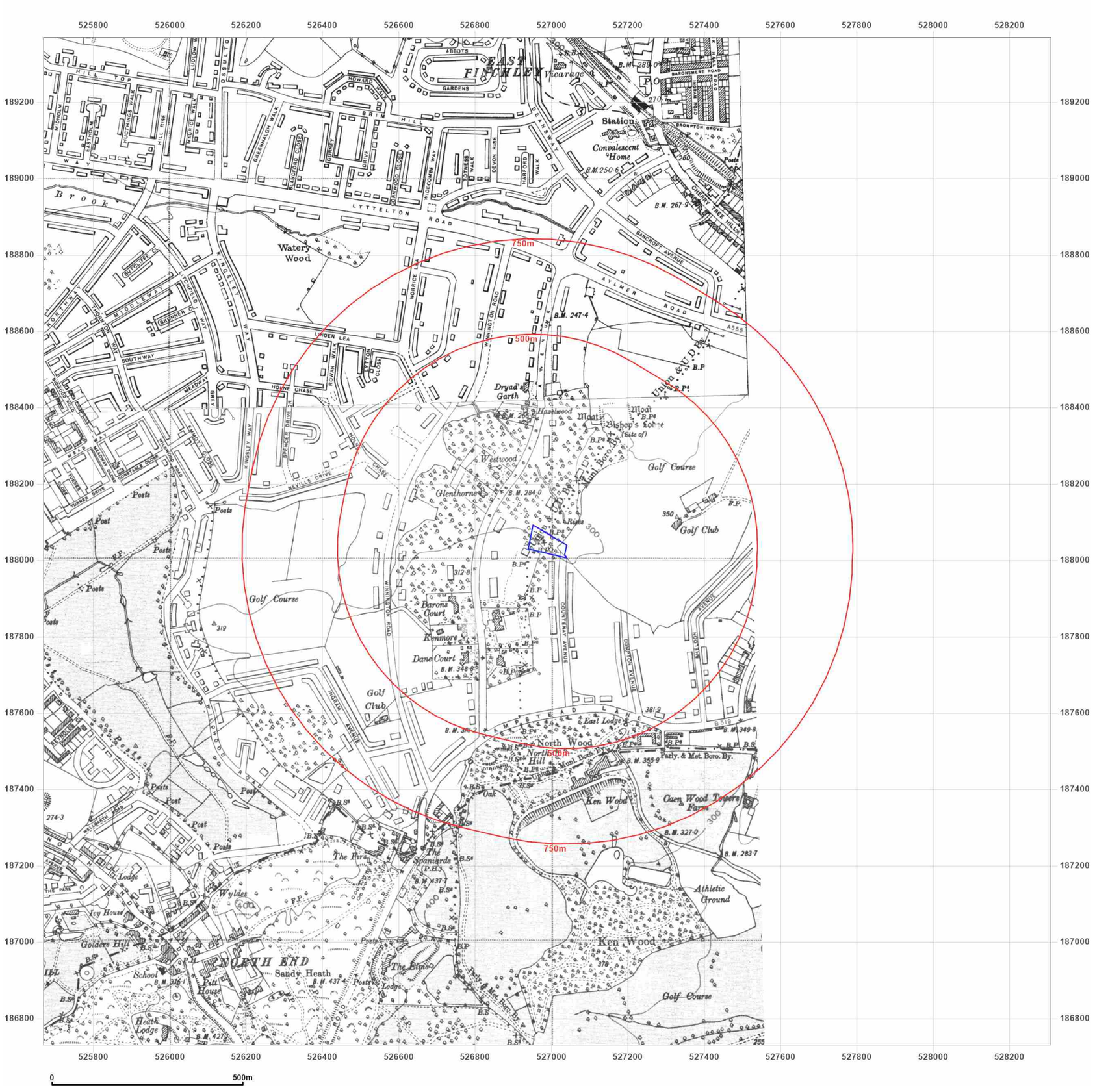
Surveyed 1865
Revised 1938
Edition N/A
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

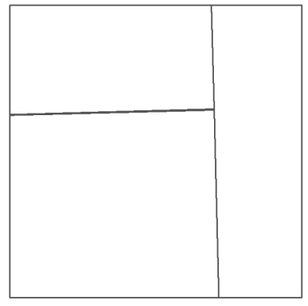
Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1865
Revised 1938
Edition N/A
Copyright N/A
Levelled 1913



Surveyed 1865
Revised 1938
Edition N/A
Copyright N/A
Levelled 1919

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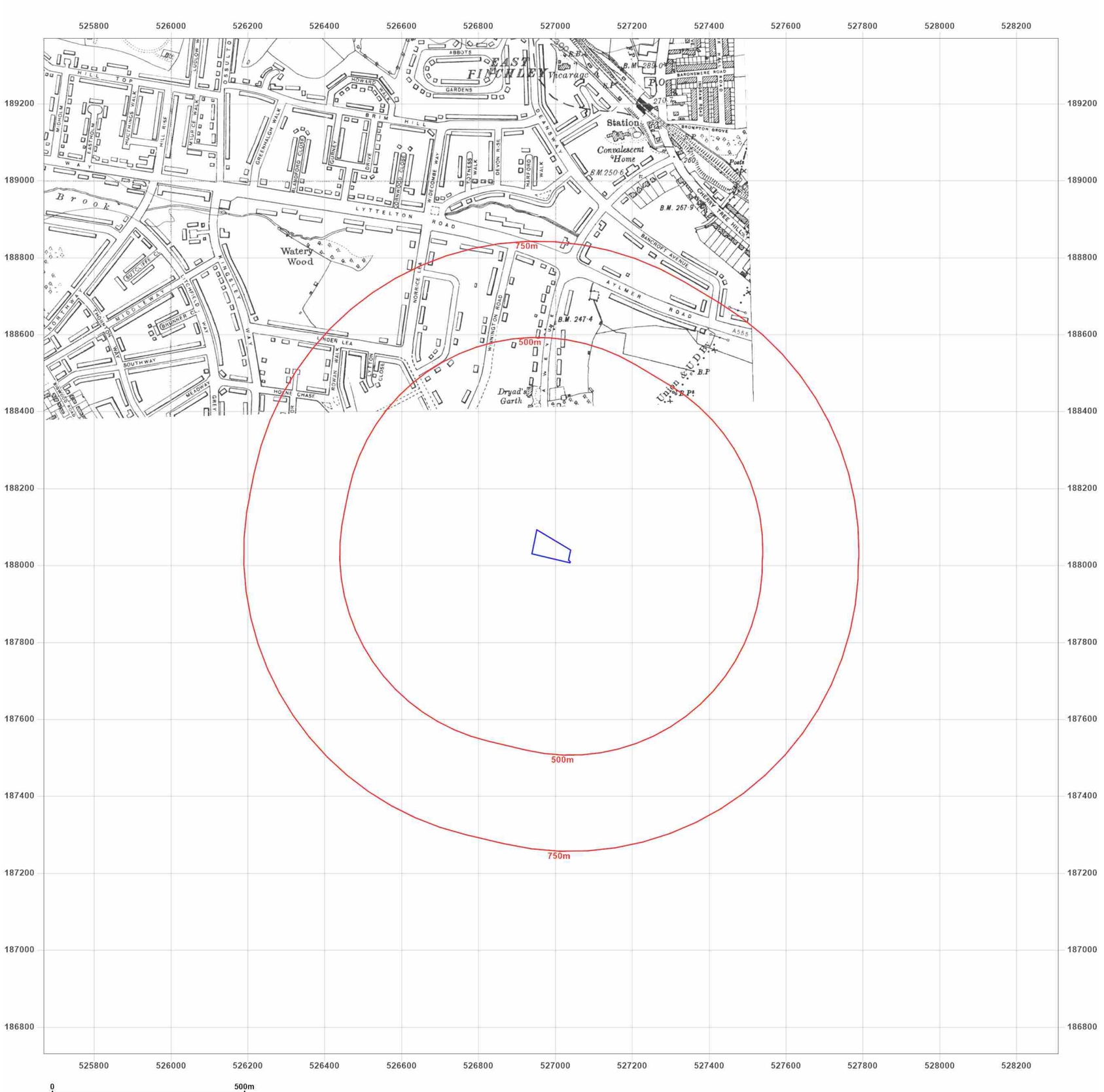
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: County Series

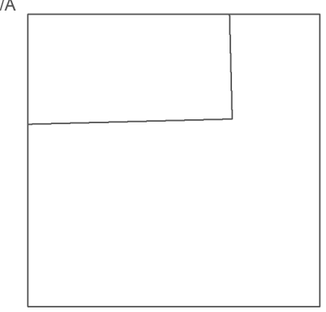
Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1865
Revised 1938
Edition N/A
Copyright N/A
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: Provisional

Map date: **1951**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed N/A
Revised 1949
Edition 1951
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: Provisional
Map date: **1958**
Scale: 1:10,560
Printed at: 1:10,560

N
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Surveyed 1958
Revised 1958
Edition N/A
Copyright N/A
Levelled N/A

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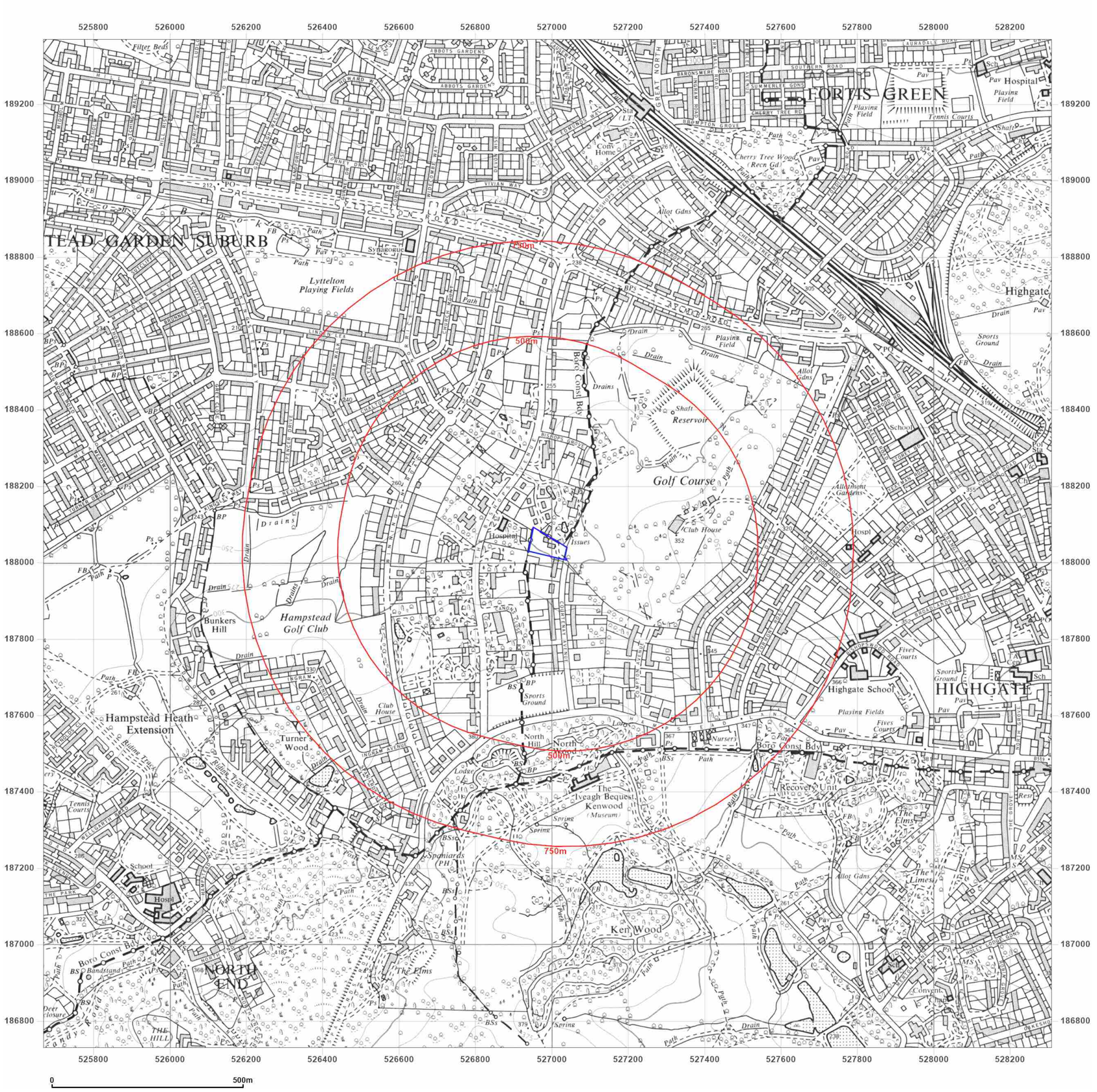
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: Provisional

Map date: **1965**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1965
Revised 1965
Edition N/A
Copyright N/A
Levelled N/A

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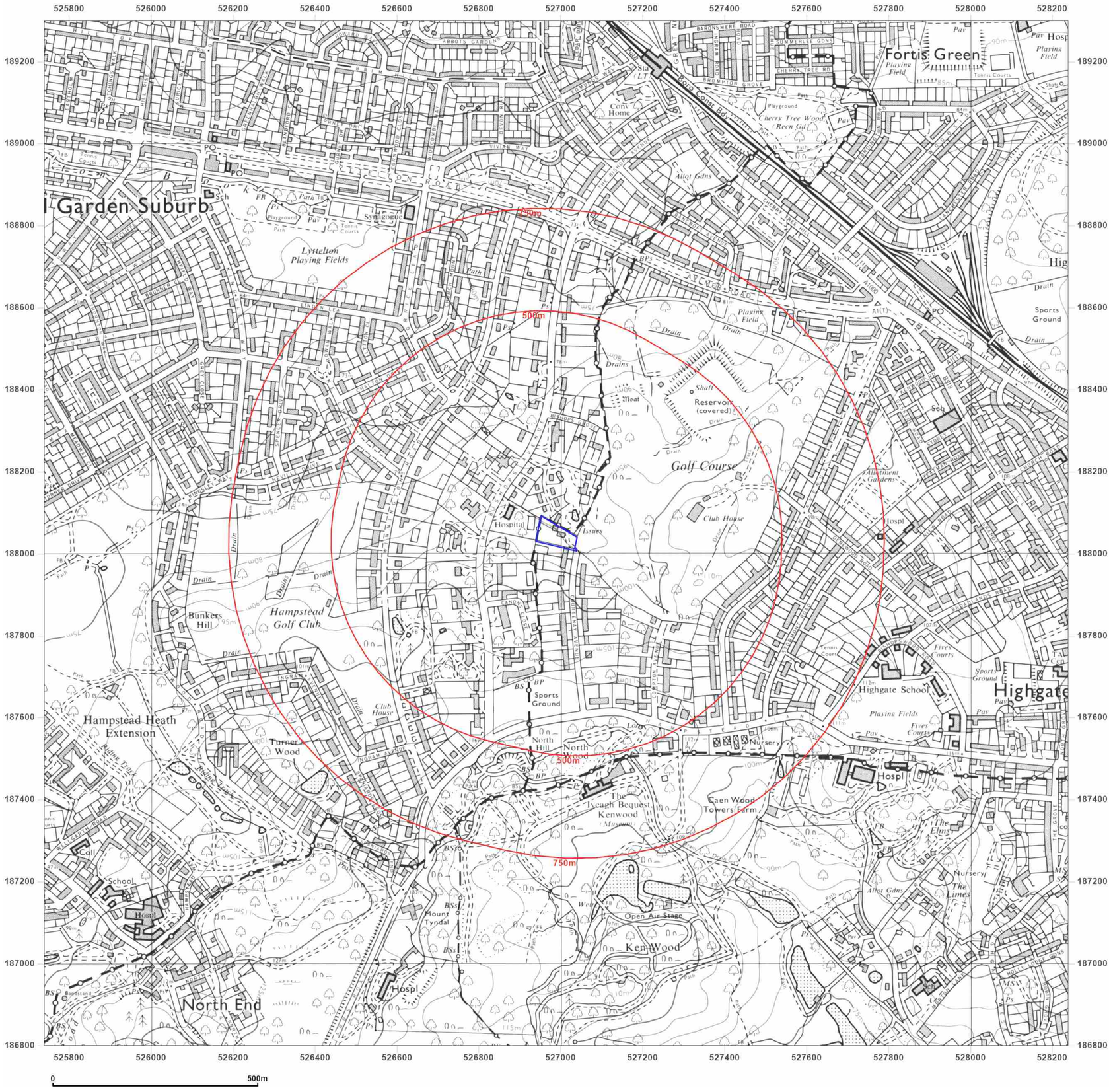
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Site Details:

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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **1974**

Scale: 1:10,000

Printed at: 1:10,000

N
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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid
Map date: **2001**
Scale: 1:10,000
Printed at: 1:10,000

N
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2001

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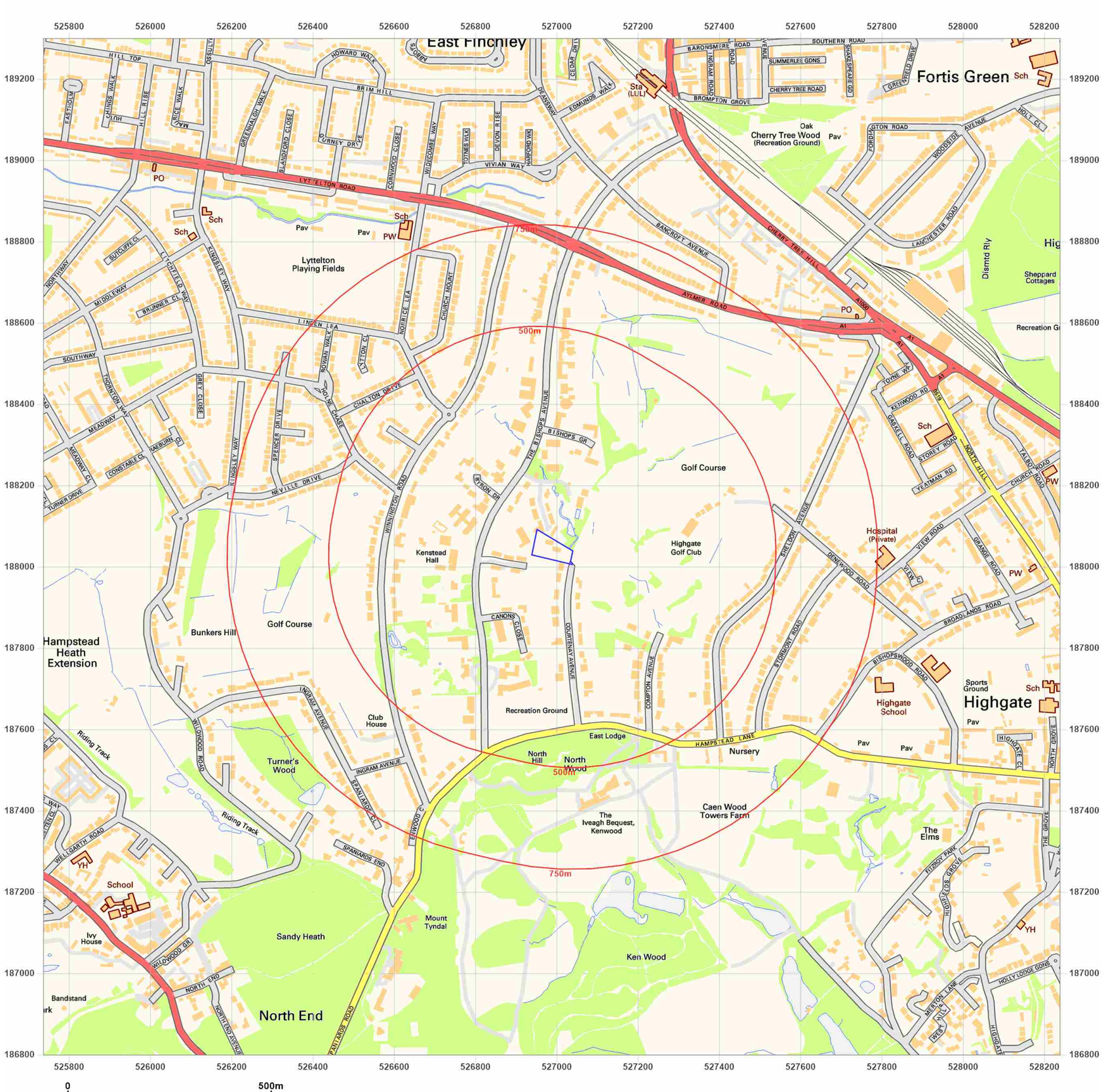
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Site Details:

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Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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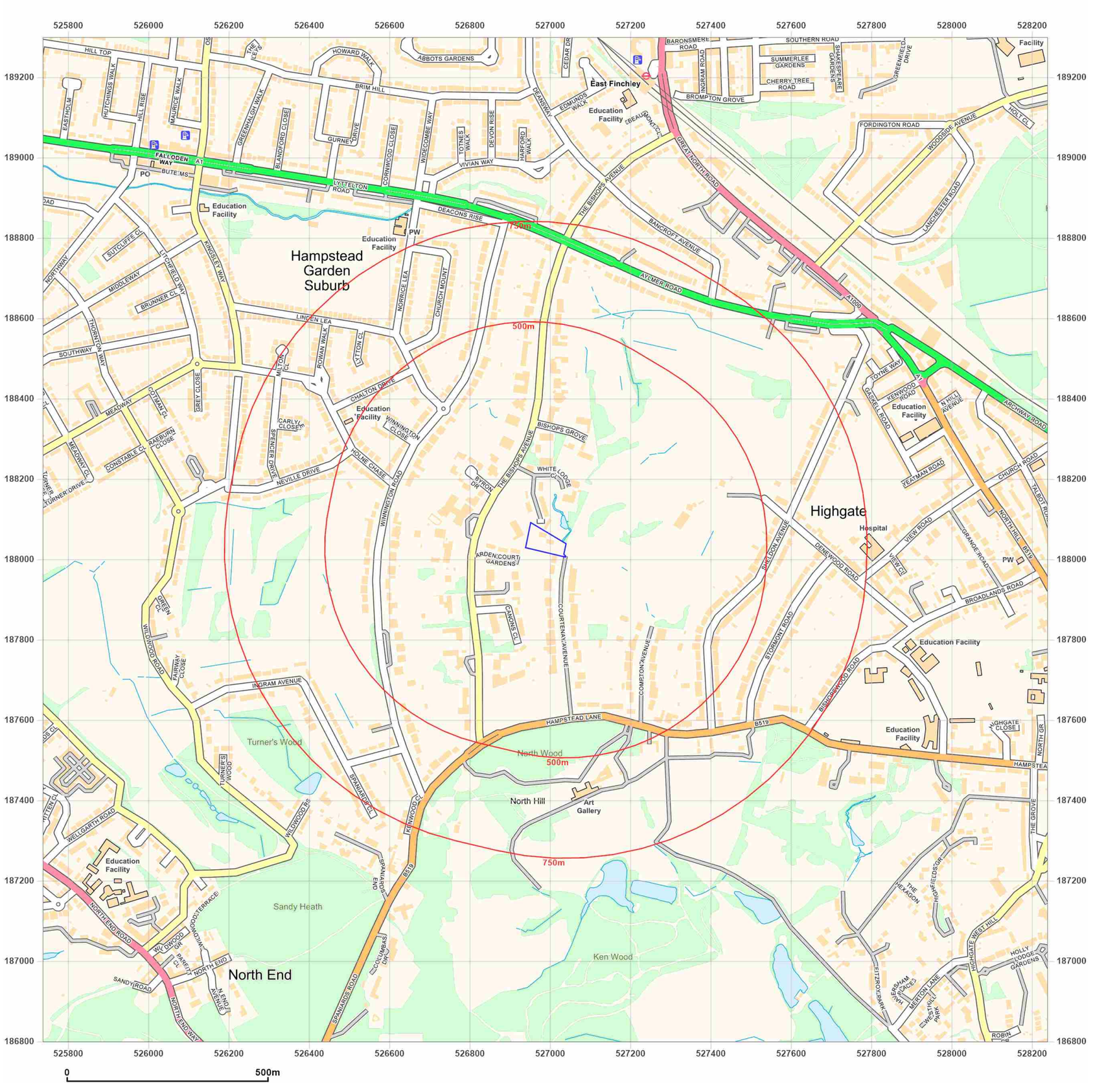
2010

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Site Details:

SPROUGHTON, COURTENAY AVENUE, HORNSEY, LONDON, N6 4LR

Client Ref: P5137J2802-1
Report Ref: JOMAS-TDR-TBR-ZPP-9VV
Grid Ref: 526988, 188049

Map Name: National Grid

Map date: **2023**

Scale: 1:10,000

Printed at: 1:10,000

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2023

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APPENDIX 4 – BGS BOREHOLE RECORDS

2701 8786
TQ28NE 238

Terresearch

Contract: Courtenay Avenue, N6
Client: F B Ellmer Limited

Borehole No. 1
Sheet No. 1 Of 2.
Depth 0 to 10 metres.

Equipment and Methods
Light Cable Percussion Boring
150mm diameter

Orientation : Vertical

Ground Level : [illegible] m.O.D.

Coordinates :

Job Number : S92/T223

Location :

Dates : 5/2/92
6/2/92

Daily Prog.	Water Levels	Remarks	In Situ Tests	Samples Taken	Depth (Thick)	Reduced Level	Description	Legend
					0.00		TOPSOIL	
				J 1	0.30		Firm to stiff orange-brown and light grey silty slightly sandy CLAY with scattered pockets and partings of light grey silty fine sand occasional traces of medium gravel and some roots CLGE	
				U 2				
				J 3				
				U 4	(3.75)			
				J 5				
				U 6				
	▽ 6/2			J 7				
				J 8	4.05		Firm to stiff mid-grey very silty slightly sandy CLAY with occasional shell traces and frequent pockets and partings of light grey silty fine sand CLGB	
				U 9				
				J 10				
				J 11				
	▽ 5/2			U 12				
5/2				J 13	(3.95)			
				U 14				
				J 15				
					8.00		Stiff becoming very stiff with depth mid-grey silty CLAY with occasional traces of shells and occasional pockets and partings of light grey silty fine sand LC.	
				U 16				
				J 17	(7.00)			
					10.00		Continued	

Operator
MC

General Remarks:
Water level observation tubing installed with perforated tubing from 8.00m to 1.00m depth, gravel filter from 8.00m to 1.00m depth and plain tubing from 1.00m depth to ground level

Appendix
1

Scale
10m/sheet

Sheet No.
1

British Geological Survey

TQ28NE 238

Terresearch

Contract: Courtenay Avenue, N6

Client: F B Elimer Limited

Borehole No. 1

Sheet No. 2 Of 2.
Depth 10 to 20 metres.

Equipment and Methods
Light Cable Percussion Boring
150mm diameter

Orientation : Vertical

Ground Level : m.O.D.

Coordinates :

Job Number : S92/T223

Location :

Dates : 5/2/92
6/2/92

Daily Prog.	Water Levels	Remarks	In Situ Tests	Samples Taken	Depth (Thick)	Reduced Level	Description	Legend
				U 18	10.00		Stiff becoming very stiff with depth mid-grey silty CLAY with occasional traces of shells and occasional pockets and partings of light grey silty fine sand	
				J 19				
				U 20				
				J 21	(7.00)			
				U 22				
				J 23				
				U 24				
5/2				J 25	15.00		End of Borehole	

Operator
MC

Scale
10m/sheet

General Remarks:
Water level observation tubing installed with perforated tubing from 8.00m to 1.00m depth, gravel filter from 8.00m to 1.00m depth and plain tubing from 1.00m depth to ground level

Appendix
1

Sheet No.
2

Terresearch Limited Faywood Road, Northolt Middlesex UB5 6RL Tel 081 575 4901 Fax 081 575 4462

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CSCS

CEnv Chartered Environmentalist

National Quality Mark Scheme for Land Contamination Management

The Chartered Institution of Wastes Management

silc Specialist in Land Condition

The Geological Society

IEMA Transforming the world to sustainability

LCA London Construction Awards Finalist – Engineering Consultant of the Year

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24 Sarum Complex

Salisbury Road

Uxbridge

UB8 2RZ

CONTACT US

Website: www.jomasassociates.com

Tel: 0333 305 9054

Email: info@jomasassociates.com