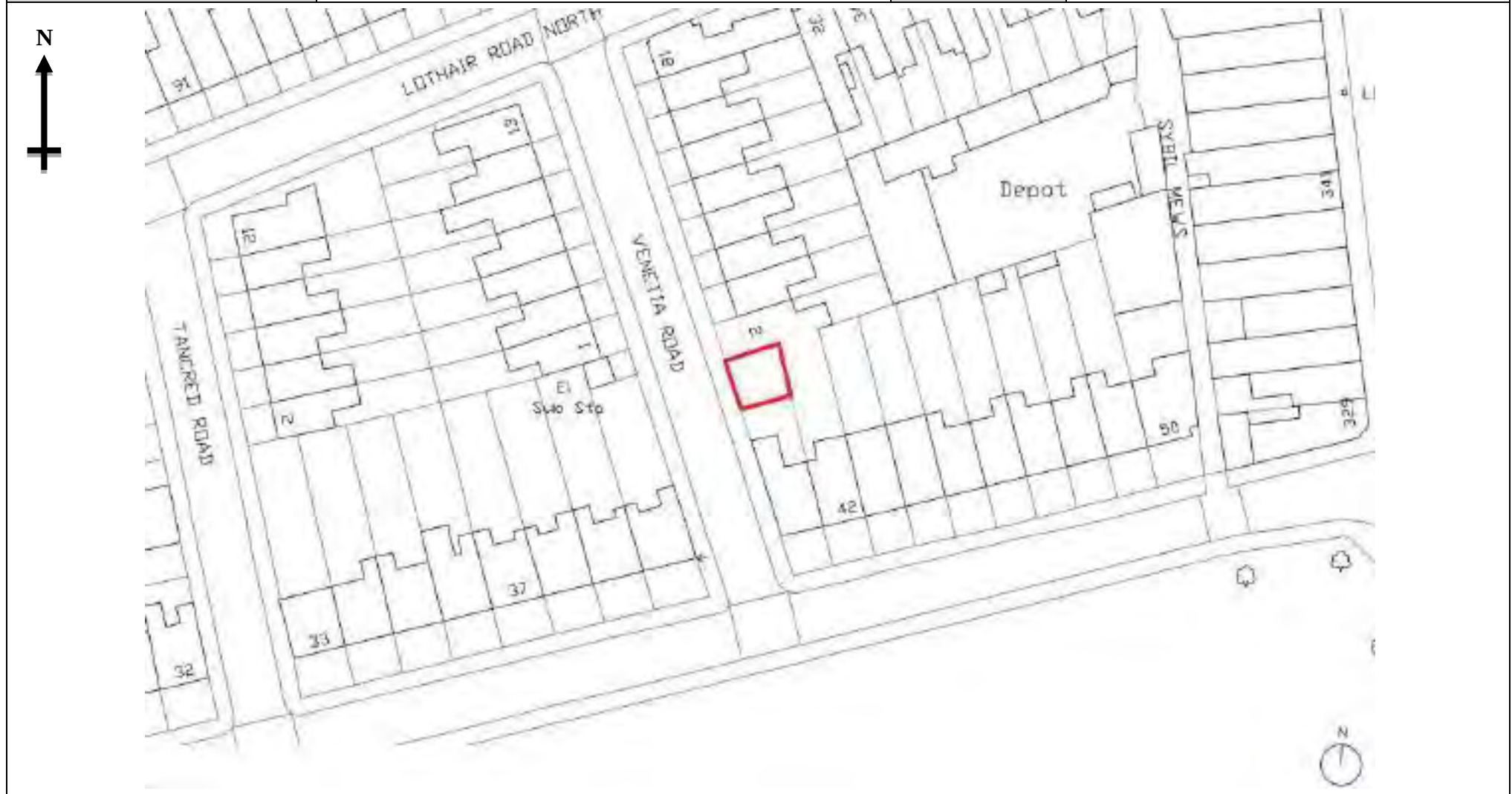


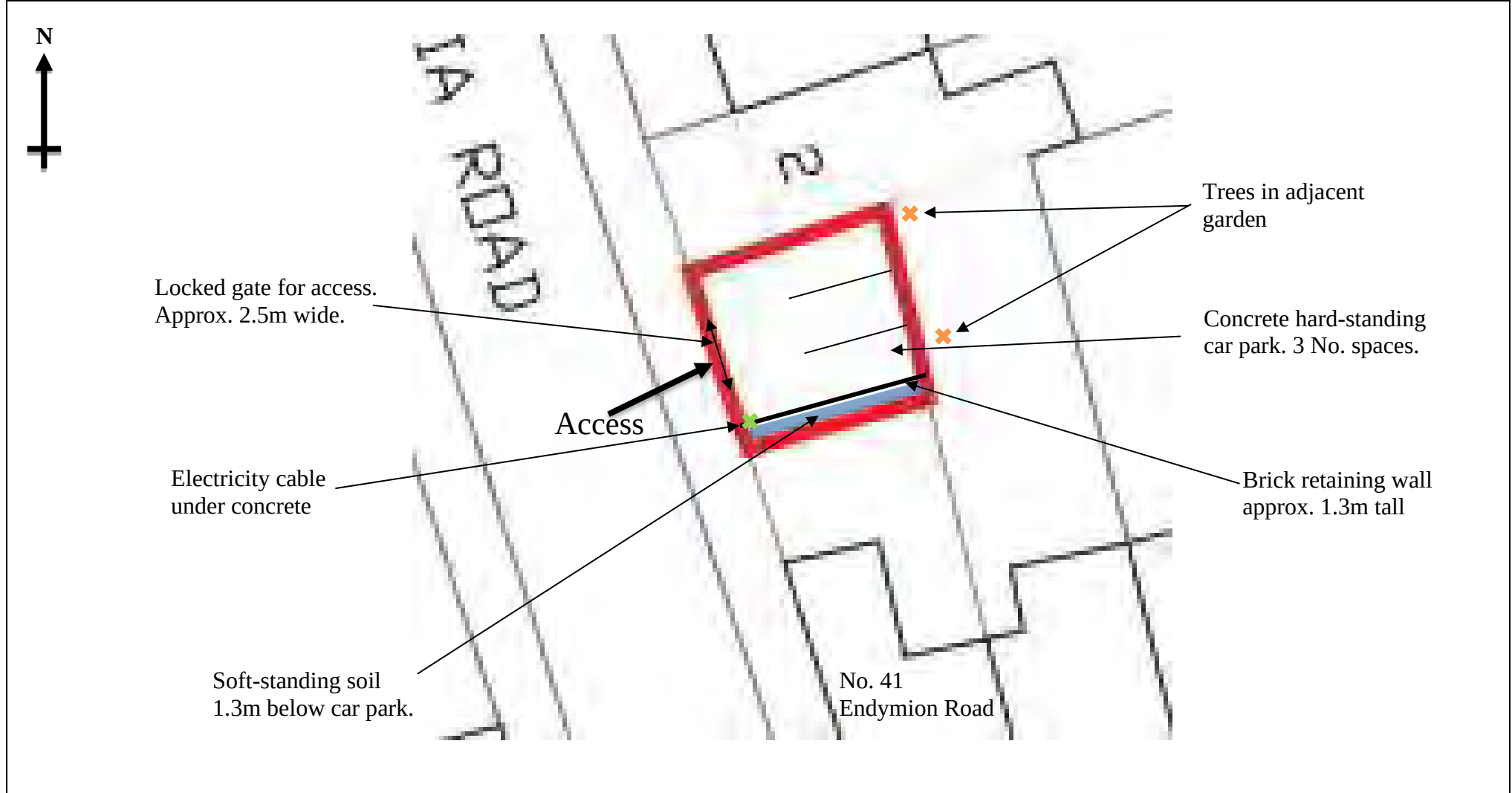
APPENDICES

APPENDIX 1 – FIGURES

PROJECT NAME	41 Endymion Road	CLIENT	James Hilton
TITLE	Site Location Plan	PROJECT NO.	P4272J2526
DATE	March 2022	FIGURE NO.	1



PROJECT NAME	41 Endymion Road	CLIENT	James Hilton
TITLE	Constraints Plan	PROJECT NO.	P4272J2526
DATE	March 2022	FIGURE NO.	2



PROJECT NAME	41 Endymion Road, Finsbury Park, London, N4 1EQ	CLIENT	James Hilton
TITLE	Photo Plan	FIGURE	3
Photo 1: Site overview from Venetia Road.		Photo 2: Retaining wall in south of site.	
			

PROJECT NAME	41 Endymion Road, Finsbury Park, London, N4 1EQ	CLIENT	James Hilton
TITLE	Photo Plan	FIGURE	3
Photo 3: Retaining wall in south of site.		Photo 4: Access gate 2.5m wide.	
			

PROJECT NAME	41 Endymion Road, Finsbury Park, London, N4 1EQ	CLIENT	James Hilton
TITLE	Photo Plan	FIGURE	3
Photo 5: Access gate has padlock.		Photo 6: Northern site boundary.	
			

PROJECT NAME	41 Endymion Road, Finsbury Park, London, N4 1EQ	CLIENT	James Hilton
TITLE	Photo Plan	FIGURE	3
Photo 7: Electric cable.		Photo 8: Eastern site boundary.	
			

PROJECT NAME	41 Endymion Road, Finsbury Park, London, N4 1EQ	CLIENT	James Hilton
TITLE	Photo Plan	FIGURE	3
Photo 9: Ground cover across site is concrete.		Photo 10: Trees approximately 5-10m tall in garden directly east of site.	
			

PROJECT NAME	41 Endymion Road, Finsbury Park, London, N4 1EQ	CLIENT	James Hilton
TITLE	Photo Plan	FIGURE	3
Photo 11: Residential housing immediately north of site.		Photo 12: 41 Endymion Road to south of site.	



Figure 4 - Proposed Development Plans

DRAWINGS
PROPOSED PLANS

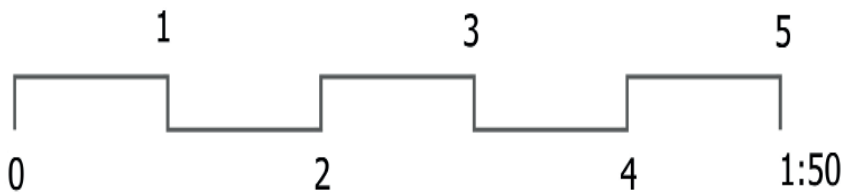


Figure 5 - Proposed Development Plans

DRAWINGS
PROPOSED PLANS

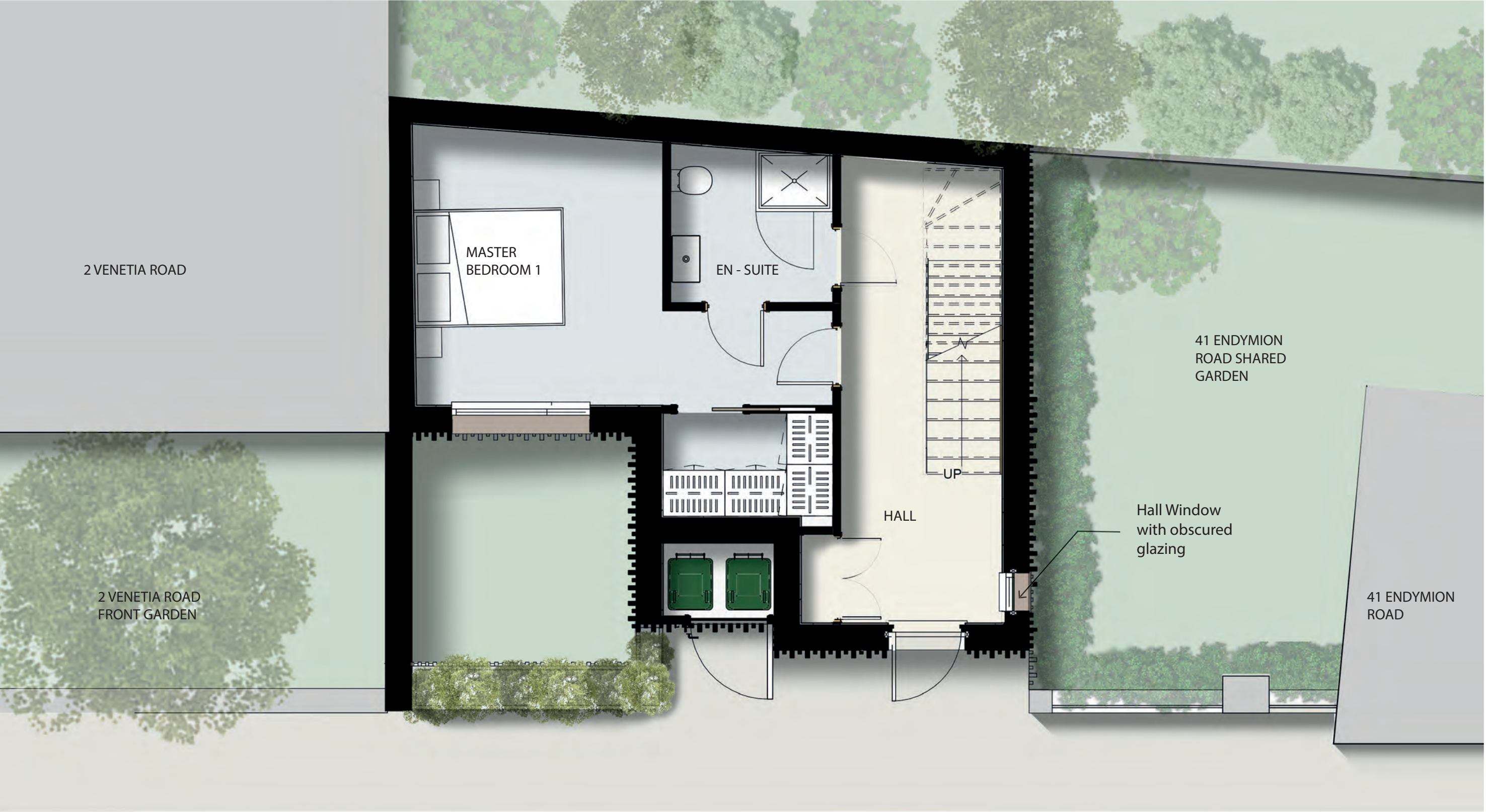
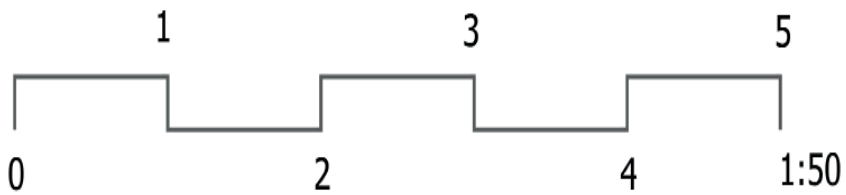


Figure 6 - Proposed Development Plans

DRAWINGS
PROPOSED PLANS

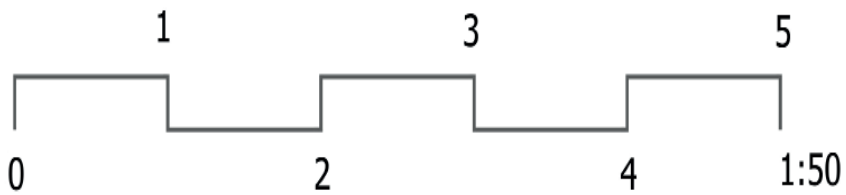


Figure 7 - Proposed Development Plans

DRAWINGS
PROPOSED PLANS

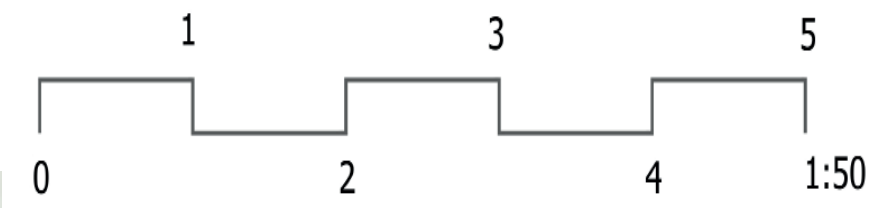
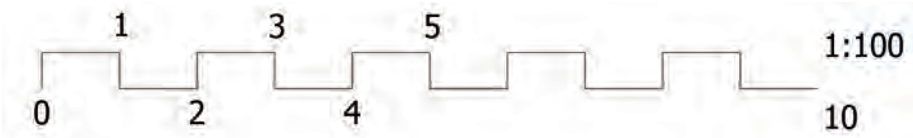


Figure 8 - Proposed Development Plans

DRAWINGS
PROPOSED SECTIONS



4 Ventia Road

2 Ventia Road

Proposed Main Elevation

Existing Shared Garden

41 Endymion Road N4 1EQ

PROPOSED SECTION - THROUGH COURTYARD 1:100 @ A3

STEPHANIE STERN ARCHITECTURE AND INTERIORS

WWW.STEPHANIESTERN.CO.UK

Figure 9 - Proposed Development Plans

PROPOSED DRAWINGS
PROPOSED ELEVATIONS

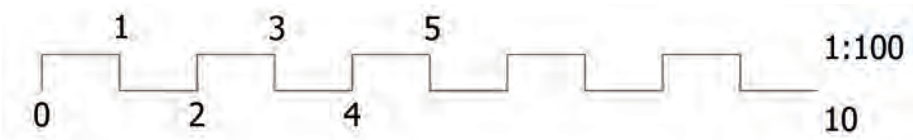
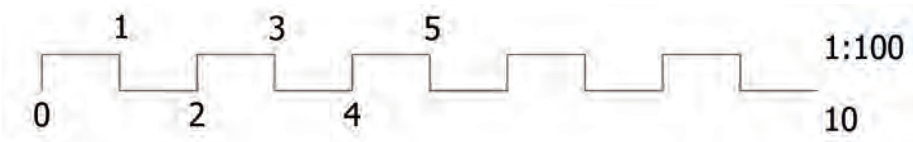


Figure 10 - Proposed Development Plans

DRAWINGS
PROPOSED ELEVATIONS



Venetia Road

Proposed Dwellings (Site)

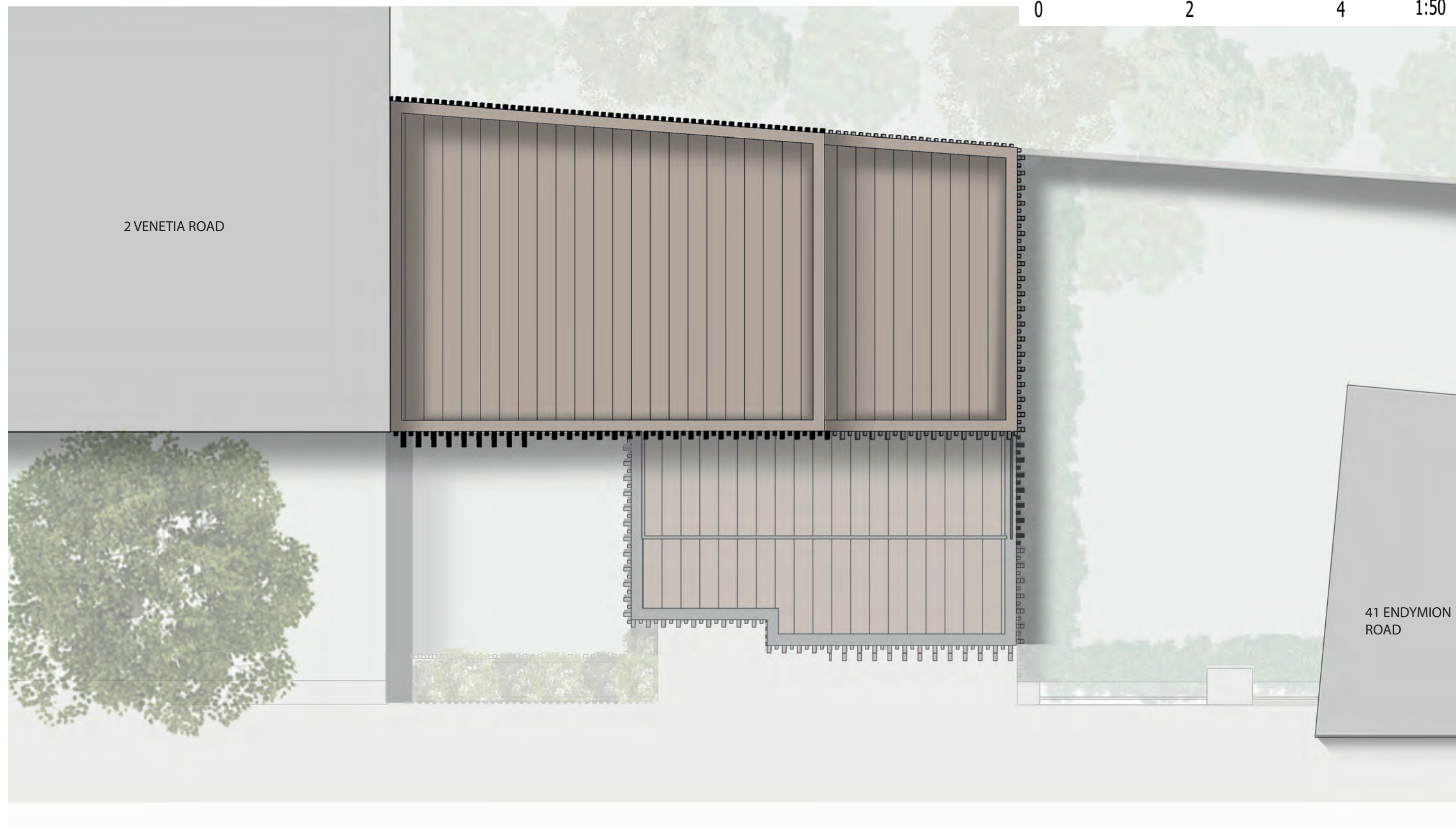
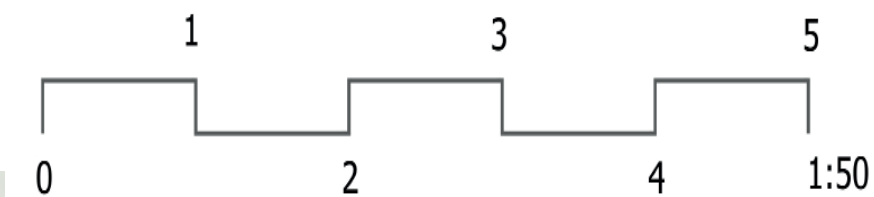
Garden of 44
Endymion Road

Garden of 46
Endymion Road

Figure 11: Proposed Development Plans

39

DRAWINGS
PROPOSED PLANS



PROPOSED ROOF. 1:50@A3

STEPHANIE STERN ARCHITECTURE AND INTERIORS



WWW.STEPHANIESTERN.CO.UK

APPENDIX 2 – GROUNDSURE REPORT

Order Details

Site Details

Location: 531768 188021
Area: 0.01 ha
Authority: [London Borough of Haringey](#)



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p. 8

p.12 groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	<u>Historical industrial land uses</u>	0	0	22	35	-
<u>16</u>	<u>1.2</u>	<u>Historical tanks</u>	0	0	5	2	-
<u>16</u>	<u>1.3</u>	<u>Historical energy features</u>	0	1	5	11	-
17	1.4	Historical petrol stations	0	0	0	0	-
<u>17</u>	<u>1.5</u>	<u>Historical garages</u>	0	0	2	3	-
18	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
<u>19</u>	<u>2.1</u>	<u>Historical industrial land uses</u>	0	0	32	50	-
<u>23</u>	<u>2.2</u>	<u>Historical tanks</u>	0	0	10	6	-
<u>23</u>	<u>2.3</u>	<u>Historical energy features</u>	0	3	11	28	-
25	2.4	Historical petrol stations	0	0	0	0	-
<u>25</u>	<u>2.5</u>	<u>Historical garages</u>	0	0	2	7	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
27	3.1	Active or recent landfill	0	0	0	0	-
27	3.2	Historical landfill (BGS records)	0	0	0	0	-
28	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
28	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
28	3.5	Historical waste sites	0	0	0	0	-
28	3.6	Licensed waste sites	0	0	0	0	-
<u>28</u>	<u>3.7</u>	<u>Waste exemptions</u>	0	0	2	6	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>30</u>	<u>4.1</u>	<u>Recent industrial land uses</u>	0	2	14	-	-
<u>32</u>	<u>4.2</u>	<u>Current or recent petrol stations</u>	0	0	1	1	-
<u>32</u>	<u>4.3</u>	<u>Electricity cables</u>	0	0	10	14	-
34	4.4	Gas pipelines	0	0	0	0	-
34	4.5	Sites determined as Contaminated Land	0	0	0	0	-



34	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
35	4.7	Regulated explosive sites	0	0	0	0	-
35	4.8	Hazardous substance storage/usage	0	0	0	0	-
35	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
35	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
35	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	4	-
36	4.12	Radioactive Substance Authorisations	0	0	0	0	-
36	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	2	-
37	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
37	4.15	Pollutant release to public sewer	0	0	0	0	-
37	4.16	List 1 Dangerous Substances	0	0	0	0	-
37	4.17	List 2 Dangerous Substances	0	0	0	0	-
38	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	1	-
38	4.19	Pollution inventory substances	0	0	0	0	-
38	4.20	Pollution inventory waste transfers	0	0	0	0	-
39	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
40	5.1	Superficial aquifer	None (within 500m)				
41	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
42	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
43	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
43	5.5	Groundwater vulnerability- local information	None (within 0m)				
44	5.6	<u>Groundwater abstractions</u>	0	0	2	2	14
48	5.7	Surface water abstractions	0	0	0	0	0
49	5.8	<u>Potable abstractions</u>	0	0	2	2	12
52	5.9	<u>Source Protection Zones</u>	1	0	1	0	-
52	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
53	6.1	<u>Water Network (OS MasterMap)</u>	0	0	6	-	-



54	6.2	<u>Surface water features</u>	0	0	5	-	-
54	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
55	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
55	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
56	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
56	7.2	Historical Flood Events	0	0	0	-	-
56	7.3	Flood Defences	0	0	0	-	-
57	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
57	7.5	Flood Storage Areas	0	0	0	-	-
58	7.6	Flood Zone 2	None (within 50m)				
58	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
59	8.1	<u>Surface water flooding</u>	1 in 250 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
61	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
62	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
63	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
63	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
63	10.4	Special Protection Areas (SPA)	0	0	0	0	0
63	10.5	National Nature Reserves (NNR)	0	0	0	0	0
64	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	1	0	3
64	10.7	Designated Ancient Woodland	0	0	0	0	0
64	10.8	Biosphere Reserves	0	0	0	0	0
65	10.9	Forest Parks	0	0	0	0	0
65	10.10	Marine Conservation Zones	0	0	0	0	0
65	10.11	Green Belt	0	0	0	0	0
65	10.12	Proposed Ramsar sites	0	0	0	0	0



65	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
66	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
66	10.15	Nitrate Sensitive Areas	0	0	0	0	0
66	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
67	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
68	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
69	11.1	World Heritage Sites	0	0	0	-	-
70	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
70	11.3	National Parks	0	0	0	-	-
70	11.4	Listed Buildings	0	0	0	-	-
70	11.5	Conservation Areas	0	0	0	-	-
71	11.6	Scheduled Ancient Monuments	0	0	0	-	-
71	<u>11.7</u>	<u>Registered Parks and Gardens</u>	0	1	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
72	<u>12.1</u>	<u>Agricultural Land Classification</u>	Urban (within 250m)				
73	<u>12.2</u>	<u>Open Access Land</u>	0	0	3	-	-
73	12.3	Tree Felling Licences	0	0	0	-	-
73	12.4	Environmental Stewardship Schemes	0	0	0	-	-
73	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
75	<u>13.1</u>	<u>Priority Habitat Inventory</u>	0	0	5	-	-
76	13.2	Habitat Networks	0	0	0	-	-
76	13.3	Open Mosaic Habitat	0	0	0	-	-
76	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
77	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
78	<u>14.2</u>	<u>Artificial and made ground (10k)</u>	0	0	1	0	-
79	14.3	Superficial geology (10k)	0	0	0	0	-

79	14.4	Landslip (10k)	0	0	0	0	-
80	14.5	<u>Bedrock geology (10k)</u>	1	0	0	0	-
81	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
82	15.1	<u>50k Availability</u>	Identified (within 500m)				
83	15.2	<u>Artificial and made ground (50k)</u>	0	0	1	0	-
84	15.3	Artificial ground permeability (50k)	0	0	-	-	-
85	15.4	Superficial geology (50k)	0	0	0	0	-
85	15.5	Superficial permeability (50k)	None (within 50m)				
85	15.6	Landslip (50k)	0	0	0	0	-
85	15.7	Landslip permeability (50k)	None (within 50m)				
86	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
87	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
87	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
88	16.1	<u>BGS Boreholes</u>	0	0	9	-	-
Page	Section	Natural ground subsidence					
90	17.1	<u>Shrink swell clays</u>	Moderate (within 50m)				
91	17.2	<u>Running sands</u>	Very low (within 50m)				
92	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
93	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
94	17.5	<u>Landslides</u>	Very low (within 50m)				
95	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
96	18.1	Natural cavities	0	0	0	0	-
97	18.2	BritPits	0	0	0	0	-
97	18.3	<u>Surface ground workings</u>	0	0	7	-	-
97	18.4	Underground workings	0	0	0	0	0
98	18.5	Historical Mineral Planning Areas	0	0	0	0	-



98	18.6	Non-coal mining	0	0	0	0	0
98	18.7	Mining cavities	0	0	0	0	0
98	18.8	JPB mining areas	None (within 0m)				
98	18.9	Coal mining	None (within 0m)				
99	18.10	Brine areas	None (within 0m)				
99	18.11	Gypsum areas	None (within 0m)				
99	18.12	Tin mining	None (within 0m)				
99	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
<u>100</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>101</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	2	-	-	-
<u>101</u>	<u>20.2</u>	<u>BGS Estimated Urban Soil Chemistry</u>	1	3	-	-	-
102	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
<u>103</u>	<u>21.1</u>	<u>Underground railways (London)</u>	0	0	1	-	-
104	21.2	Underground railways (Non-London)	0	0	0	-	-
104	21.3	Railway tunnels	0	0	0	-	-
<u>104</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	0	12	-	-
105	21.5	Royal Mail tunnels	0	0	0	-	-
105	21.6	Historical railways	0	0	0	-	-
<u>105</u>	<u>21.7</u>	<u>Railways</u>	0	0	16	-	-
106	21.8	Crossrail 1	0	0	0	0	-
106	21.9	Crossrail 2	0	0	0	0	-
106	21.10	HS2	0	0	0	0	-



Recent aerial photograph



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Capture Date: 29/06/2019

Site Area: 0.01ha



Recent site history - 2016 aerial photograph



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Capture Date: 12/08/2016

Site Area: 0.01ha



Recent site history - 2013 aerial photograph



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Capture Date: 28/04/2013

Site Area: 0.01ha



Recent site history - 1999 aerial photograph



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Capture Date: 04/09/1999

Site Area: 0.01ha



OS MasterMap site plan



Site Area: 0.01ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

57

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 13**

ID	Location	Land use	Dates present	Group ID
A	89m NW	Railway Sidings	1894 - 1920	2176113



ID	Location	Land use	Dates present	Group ID
A	93m N	Railway Sidings	1938	2277858
B	95m E	Pottery Works	1894	2143196
B	99m E	Tile Works	1869	2205659
B	99m E	Tile Works	1879	2264316
B	108m E	Unspecified Tank	1982 - 1989	2287582
A	108m NW	Railway Sidings	1962 - 1975	2262544
C	111m N	Goods Depot	1920	2158389
C	129m N	Goods Depot	1938	2158390
C	138m N	Goods Depot	1894	2158388
D	156m W	Cuttings	1869	2194237
D	156m W	Cuttings	1879	2290217
E	159m NW	Unspecified Depot	1962 - 1975	2244857
2	166m N	Railway Building	1962	2149081
E	176m NW	Railway Building	1894	2149082
F	183m NE	Railway Station	1920	2197302
F	195m NE	Railway Station	1962 - 1975	2232061
F	196m NE	Railway Station	1938	2175584
F	202m NE	Railway Station	1894	2254066
G	204m W	Cuttings	1920 - 1938	2287341
G	219m W	Cuttings	1894	2211800
F	223m NE	Railway Station	1982 - 1989	2180046
I	308m W	Railway Sidings	1962	2227590
I	308m W	Railway Sidings	1989	2258842
I	308m W	Railway Sidings	1982	2282329
I	308m W	Railway Sidings	1975	2288341
I	308m W	Railway Sidings	1967	2290007
D	310m W	Railway Sidings	1938	2168865
J	311m W	Railway Building	1920	2149090



ID	Location	Land use	Dates present	Group ID
I	314m W	Railway Sidings	1894	2279219
J	314m W	Railway Building	1938	2149085
J	320m W	Railway Building	1920	2149091
J	321m W	Railway Building	1938	2149089
M	321m W	Railway Sidings	1920 - 1938	2213137
N	326m SE	Unspecified Tank	1869	2217256
N	326m SE	Unspecified Tank	1879	2251992
N	336m SE	Unspecified Tank	1869	2175741
N	336m SE	Unspecified Tank	1879	2179578
L	361m NW	Railway Building	1938	2149084
O	365m W	Cuttings	1869	2198632
O	365m W	Cuttings	1879	2245128
M	368m W	Cuttings	1938 - 1989	2173010
M	373m W	Cuttings	1920	2278485
M	374m W	Cuttings	1894	2273632
D	383m W	Railway Station	1894 - 1920	2224922
D	387m NW	Railway Station	1962 - 1989	2180525
6	388m NW	Railway Sidings	1920	2282041
D	391m NW	Railway Station	1938	2286095
L	400m NW	Railway Building	1938	2149083
O	416m SW	Cuttings	1894	2236787
R	424m SW	Rifle Range	1869	2226504
R	424m SW	Rifle Range	1879	2280021
S	428m SW	Railway Sidings	1967	2218120
S	428m SW	Railway Sidings	1962	2226480
S	428m SW	Railway Sidings	1975	2228348
S	428m SW	Railway Sidings	1982 - 1989	2278394
7	469m W	Cuttings	1962 - 1989	2287748

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

7

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 ungrouped 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 13**

ID	Location	Land use	Dates present	Group ID
B	120m E	Unspecified Tank	1864 - 1896	408058
F	171m NE	Unspecified Tank	1896	364714
H	219m E	Cooling Tank	1953 - 1954	382089
H	219m E	Cooling Tank	1978 - 1983	381859
H	228m E	Cooling Tank	1954	396726
K	319m NE	Unspecified Tank	1991 - 1994	388218
5	371m E	Unspecified Tank	1896	364716

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

17

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 ungrouped 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 13**

ID	Location	Land use	Dates present	Group ID
1	12m W	Electricity Substation	1978 - 1991	261603
F	211m NE	Electricity Substation	1978	282185
F	211m NE	Electricity Substation	1983 - 1991	261907
H	219m E	Electricity Substation	1978 - 1991	288769



ID	Location	Land use	Dates present	Group ID
3	224m SW	Electricity Substation	1979 - 1991	291343
4	226m NW	Electricity Substation	1978 - 1991	261150
K	314m NE	Electricity Substation	1991 - 1994	256939
K	314m NE	Electricity Substation	1992 - 1994	281541
P	412m E	Electricity Substation	1986 - 1994	282200
Q	413m NW	Electricity Substation	1978 - 1991	283479
Q	416m NW	Electricity Substation	1954 - 1970	282459
P	442m E	Electricity Substation	1971	245136
T	459m SE	Electricity Substation	1991	262837
T	466m SE	Electricity Substation	1994	245137
T	466m SE	Electricity Substation	1977	287026
8	494m SE	Electricity Substation	1953 - 1994	275958
9	495m N	Electricity Substation	1978 - 1991	289815

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 ungrouped 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

5

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 ungrouped 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 13**

ID	Location	Land use	Dates present	Group ID
B	113m E	Garage	1953	80030
B	114m E	Garage	1954	77578
L	320m NW	Garage	1954 - 1991	82670
L	324m NW	Garage	1996	76985
L	325m NW	Garage	1954 - 1978	82398

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
- Historical garages

2.1 Historical industrial land uses

Records within 500m

82

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 19**

ID	Location	Land Use	Date	Group ID
B	89m NW	Railway Sidings	1920	2176113
B	93m N	Railway Sidings	1938	2277858
C	95m E	Pottery Works	1894	2143196



ID	Location	Land Use	Date	Group ID
C	99m E	Tile Works	1869	2205659
C	99m E	Tile Works	1879	2264316
B	102m NW	Railway Sidings	1894	2176113
C	108m E	Unspecified Tank	1989	2287582
B	108m NW	Railway Sidings	1975	2262544
B	108m NW	Railway Sidings	1967	2262544
B	108m NW	Railway Sidings	1962	2262544
C	110m E	Unspecified Tank	1982	2287582
D	111m N	Goods Depot	1920	2158389
D	129m N	Goods Depot	1938	2158390
D	138m N	Goods Depot	1894	2158388
E	156m W	Cuttings	1879	2290217
E	156m W	Cuttings	1869	2194237
F	159m NW	Unspecified Depot	1975	2244857
F	159m NW	Unspecified Depot	1967	2244857
F	159m NW	Unspecified Depot	1962	2244857
1	166m N	Railway Building	1962	2149081
F	176m NW	Railway Building	1894	2149082
G	183m NE	Railway Station	1920	2197302
G	195m NE	Railway Station	1975	2232061
G	195m NE	Railway Station	1967	2232061
G	195m NE	Railway Station	1962	2232061
G	196m NE	Railway Station	1938	2175584
G	202m NE	Railway Station	1894	2254066
H	204m W	Cuttings	1938	2287341
H	212m W	Cuttings	1920	2287341
H	219m W	Cuttings	1894	2211800
G	223m NE	Railway Station	1989	2180046

ID	Location	Land Use	Date	Group ID
G	223m NE	Railway Station	1982	2180046
L	308m W	Railway Sidings	1989	2258842
L	308m W	Railway Sidings	1975	2288341
L	308m W	Railway Sidings	1967	2290007
L	308m W	Railway Sidings	1982	2282329
L	308m W	Railway Sidings	1962	2227590
E	310m W	Railway Sidings	1938	2168865
M	311m W	Railway Building	1920	2149090
L	314m W	Railway Sidings	1894	2279219
M	314m W	Railway Building	1938	2149085
M	320m W	Railway Building	1920	2149091
M	321m W	Railway Building	1938	2149089
O	321m W	Railway Sidings	1920	2213137
P	326m SE	Unspecified Tank	1869	2217256
P	326m SE	Unspecified Tank	1879	2251992
P	336m SE	Unspecified Tank	1869	2175741
P	336m SE	Unspecified Tank	1879	2179578
E	361m NW	Railway Building	1938	2149084
Q	365m W	Cuttings	1879	2245128
Q	365m W	Cuttings	1869	2198632
O	368m W	Cuttings	1938	2173010
O	373m W	Cuttings	1920	2278485
O	374m W	Cuttings	1894	2273632
E	383m W	Railway Station	1920	2224922
E	387m NW	Railway Station	1989	2180525
E	387m NW	Railway Station	1975	2180525
E	387m NW	Railway Station	1967	2180525
E	387m NW	Railway Station	1982	2180525



ID	Location	Land Use	Date	Group ID
E	387m NW	Railway Station	1962	2180525
3	388m NW	Railway Sidings	1920	2282041
O	389m W	Cuttings	1989	2173010
O	389m W	Cuttings	1975	2173010
O	389m W	Cuttings	1967	2173010
O	389m W	Cuttings	1982	2173010
O	389m W	Cuttings	1962	2173010
E	391m NW	Railway Station	1938	2286095
E	394m NW	Railway Station	1894	2224922
E	400m NW	Railway Building	1938	2149083
Q	416m SW	Cuttings	1894	2236787
T	424m SW	Rifle Range	1869	2226504
T	424m SW	Rifle Range	1879	2280021
U	428m SW	Railway Sidings	1989	2278394
U	428m SW	Railway Sidings	1975	2228348
U	428m SW	Railway Sidings	1967	2218120
U	428m SW	Railway Sidings	1982	2278394
U	428m SW	Railway Sidings	1962	2226480
W	469m W	Cuttings	1989	2287748
W	469m W	Cuttings	1975	2287748
W	469m W	Cuttings	1967	2287748
W	469m W	Cuttings	1982	2287748
W	469m W	Cuttings	1962	2287748

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

16

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 19**

ID	Location	Land Use	Date	Group ID
C	120m E	Unspecified Tank	1896	408058
C	123m E	Unspecified Tank	1864	408058
G	171m NE	Unspecified Tank	1896	364714
I	219m E	Cooling Tank	1954	382089
I	219m E	Cooling Tank	1983	381859
I	220m E	Cooling Tank	1978	381859
I	220m E	Cooling Tank	1953	382089
I	228m E	Cooling Tank	1954	382089
I	228m E	Cooling Tank	1954	396726
I	228m E	Cooling Tank	1954	396726
N	319m NE	Unspecified Tank	1994	388218
N	319m NE	Unspecified Tank	1992	388218
N	319m NE	Unspecified Tank	1991	388218
N	319m NE	Unspecified Tank	1994	388218
N	320m NE	Unspecified Tank	1991	388218
2	371m E	Unspecified Tank	1896	364716

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

42

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 19**

ID	Location	Land Use	Date	Group ID
A	12m W	Electricity Substation	1983	261603
A	12m W	Electricity Substation	1991	261603
A	13m W	Electricity Substation	1978	261603
G	211m NE	Electricity Substation	1978	282185
G	211m NE	Electricity Substation	1983	261907
G	211m NE	Electricity Substation	1991	261907
I	219m E	Electricity Substation	1983	288769
I	219m E	Electricity Substation	1991	288769
I	219m E	Electricity Substation	1978	288769
J	224m SW	Electricity Substation	1991	291343
J	225m SW	Electricity Substation	1979	291343
K	226m NW	Electricity Substation	1983	261150
K	226m NW	Electricity Substation	1991	261150
K	227m NW	Electricity Substation	1978	261150
N	314m NE	Electricity Substation	1994	281541
N	314m NE	Electricity Substation	1992	281541
N	314m NE	Electricity Substation	1991	256939
N	314m NE	Electricity Substation	1994	256939
N	315m NE	Electricity Substation	1991	256939
R	412m E	Electricity Substation	1994	282200
R	412m E	Electricity Substation	1992	282200
R	412m E	Electricity Substation	1991	282200
R	412m E	Electricity Substation	1994	282200
R	413m E	Electricity Substation	1986	282200
R	413m E	Electricity Substation	1991	282200
S	413m NW	Electricity Substation	1978	283479
S	413m NW	Electricity Substation	1991	283479

ID	Location	Land Use	Date	Group ID
S	416m NW	Electricity Substation	1954	282459
S	417m NW	Electricity Substation	1954	282459
S	417m NW	Electricity Substation	1954	282459
S	417m NW	Electricity Substation	1970	282459
R	442m E	Electricity Substation	1971	245136
V	459m SE	Electricity Substation	1991	262837
V	460m SE	Electricity Substation	1991	262837
V	466m SE	Electricity Substation	1994	245137
V	466m SE	Electricity Substation	1977	287026
X	494m SE	Electricity Substation	1953	275958
X	495m SE	Electricity Substation	1994	275958
X	495m SE	Electricity Substation	1991	275958
Y	495m N	Electricity Substation	1978	289815
Y	495m N	Electricity Substation	1991	289815
X	495m SE	Electricity Substation	1991	275958

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

9

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'.

Features are displayed on the Past land use - un-grouped map on **page 19**



ID	Location	Land Use	Date	Group ID
C	113m E	Garage	1953	80030
C	114m E	Garage	1954	77578
E	320m NW	Garage	1954	82670
E	324m NW	Garage	1996	76985
E	325m NW	Garage	1978	82398
E	325m NW	Garage	1954	82398
E	325m NW	Garage	1954	82398
E	325m NW	Garage	1970	82398
E	325m NW	Garage	1991	82670

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

8

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 27**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	235m N	-	WEX261598	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

ID	Location	Site	Reference	Category	Sub-Category	Description
A	235m N	73, GRAND PARADE, GREEN LANES, LONDON, N4 1DU	WEX121759	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	445m N	123, ROSEBERY GARDENS, LONDON, N4 1JJ	WEX123283	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	445m N	123, ROSEBERY GARDENS, LONDON, N4 1JJ	WEX123283	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	445m N	123, ROSEBERY GARDENS, LONDON, N4 1JJ	WEX123283	Using waste exemption	Not on a farm	Use of waste in construction
B	445m N	123 Roseberry Gardens N4 1JJ	EPR/TF0500ZC /A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in secure containers
B	445m N	123 Roseberry Gardens N4 1JJ	EPR/TF0500ZC /A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
B	445m N	123 Roseberry Gardens N4 1JJ	EPR/TF0500ZC /A001	Using waste exemption	Non- Agricultural Waste Only	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
- △ Current or recent petrol stations
- Electricity cables
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

16

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Company	Address	Activity	Category
A	25m NE	N 1 Signs Ltd	Unit 3, Sybil Mews, London, Greater London, N4 1EP	Signs	Industrial Products
1	25m W	Electricity Sub Station	Greater London, N4	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
A	60m NE	Integra Coatings Ltd	Unit 1, Sybil Mews, Hornsey, London, Greater London, N4 1EP	Special Purpose Machinery and Equipment	Industrial Products
A	76m E	Media Services 1 Ltd	335, Green Lanes, London, Greater London, N4 1DZ	Electronic Equipment	Industrial Products
A	76m E	The Boutique	335, Green Lanes, London, Greater London, N4 1DZ	Clothing, Components and Accessories	Consumer Products
A	79m E	Rozies Curtains	Hornsey, London, Greater London, N4 1DZ	Curtains and Blinds	Consumer Products
A	79m E	Rosie's	Hornsey, London, Greater London, N4 1DZ	Curtains and Blinds	Consumer Products
3	127m SE	Electricity Sub Station	Greater London, N4	Electrical Features	Infrastructure and Facilities
5	177m E	Dreams Plc	Unit 4d Arena Shopping Park, Green Lanes, London, Greater London, N4 1ED	Beds and Bedding	Consumer Products
D	215m NE	Electricity Sub Station	Greater London, N4	Electrical Features	Infrastructure and Facilities
6	223m E	Electricity Sub Station	Greater London, N4	Electrical Features	Infrastructure and Facilities
7	226m SW	Electricity Sub Station	Greater London, N4	Electrical Features	Infrastructure and Facilities
8	235m NW	Electricity Sub Station	Greater London, N4	Electrical Features	Infrastructure and Facilities
E	235m N	Yavuz Perde Sarayi	397, Green Lanes, Hornsey, London, Greater London, N4 1EU	Curtains and Blinds	Consumer Products
D	237m NE	Harringay Green Lanes Rail Station	Greater London, N4	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
E	242m N	Yavuz Perde Sarayi	397, Green Lanes, London, Greater London, N4 1EU	Beds and Bedding	Consumer Products

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Company	Address	LPG	Status
2	124m NE	BP	390, Green Lanes, Harringay, London, Inner London, N4 1DW	Not Applicable	Obsolete
I	289m NE	SAINSBURYS	Williamson Road, Harringay, London, Inner London, N4 1UJ	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

24

High voltage underground electricity transmission cables.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Cable Set	Cable Route	Details	
B	142m SE	CABLE SECT 26	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
B	142m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
B	149m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
B	149m SE	CABLE SECT 26	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
C	171m SE	CABLE SECT 27	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
C	171m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified



ID	Location	Cable Set	Cable Route	Details	
C	179m SE	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
C	179m SE	CABLE SECT 27	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
F	246m SE	HACKNEY - HIGHBURY 1 CABLE 1 SECT 01	HACKNEY - HIGHBURY 1	Cable Make: - Cable Type: - Operating Voltage (kV): 0	Year of installation: Not specified Cable in tunnel? Yes
F	247m SE	HACKNEY - HIGHBURY 2 CABLE 1 SECT 01	HACKNEY - HIGHBURY 2	Cable Make: - Cable Type: - Operating Voltage (kV): 0	Year of installation: Not specified Cable in tunnel? Yes
G	262m S	CABLE SECT 28	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
G	262m S	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
H	267m S	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
H	267m S	CABLE SECT 28	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
H	267m S	CABLE SECT 28A	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
H	268m S	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
J	286m E	CABLE SECT 25	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
J	286m E	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
J	287m E	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified



ID	Location	Cable Set	Cable Route	Details	
J	287m E	CABLE SECT 25	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
L	391m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
L	392m SW	CABLE SECT 29	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
L	396m SW	CABLE SECT 29	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
L	396m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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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
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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**4**

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.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Address	Details	
C	253m SE	Arena Fill Station, Green Lanes, N4 1UJ	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
I	272m NE	Sainsbury's Petrol Filling Station, 4 Williamson Road, Haringey, N4 1UJ	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
10	332m N	Zephyr Dry Cleaners, 59 Grand Parade, Green Lanes, London, N4 1AF	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
11	471m NW	Zen Dry Cleaners, 47 Quernmore Road, N4 4QP	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

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

2

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 30**

ID	Location	Address	Details	
K	316m S	Farningham Hill	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: TEMP.0114 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



ID	Location	Addresses	Details	
K	317m S	Finsbury Park	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: TEMP.0115 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
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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
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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
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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
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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

2

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

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Details	
4	134m SW	Incident Date: 11/08/2003 Incident Identification: 180880 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	283m NW	Incident Date: 10/09/2002 Incident Identification: 106784 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

1

Aquifer status of groundwater held within bedrock geology.

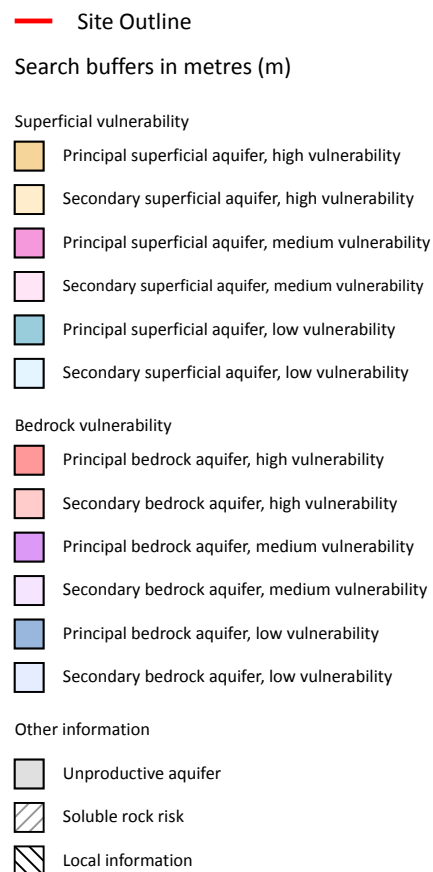
Features are displayed on the Bedrock aquifer map on **page 41**

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

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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 42**

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	16m S	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

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



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

18

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.

Features are displayed on the Abstractions and Source Protection Zones map on **page 44**

ID	Location	Details	
A	128m W	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOTHAIR ROAD SOUTH - NLARS POINT 17 Data Type: Point Name: Thames Water Utilities Ltd Easting: 531635 Northing: 188027	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
A	133m W	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOTHAIR ROAD SOUTH - NLARS POINT 17 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 531630 Northing: 188020	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	437m E	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD EAST - NLARS POINT 39 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532180 Northing: 187860	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	451m E	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD WEST - NLARS POINT 39 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532194 Northing: 187857	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	873m E	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD EAST - NLARS POINT 18 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532644 Northing: 187956	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

ID	Location	Details	
-	881m E	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD, STAMFORD HILL - NLARS POINT 18 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532650 Northing: 187930	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	951m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LORDSHIP ROAD - NLARS POINT 20 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532542 Northing: 187460	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	969m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LORDSHIP ROAD - NLARS POINT 20 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532550 Northing: 187440	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1119m E	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BETHUNE ROAD - NLARS POINT 19 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532859 Northing: 187750	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1122m E	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BETHUNE ROAD - NLARS POINT 19 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532860 Northing: 187740	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1147m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREEN LANES - NLARS POINT 21 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532351 Northing: 187028	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1157m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREEN LANES - NLARS POINT 21 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532340 Northing: 187010	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1560m SE	Status: Active Licence No: TH/038/0009/016 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: HACKNEY COUNCIL POINT A Data Type: Point Name: Hackney Council Easting: 532430 Northing: 186604	Annual Volume (m ³): 11,220 Max Daily Volume (m ³): 102 Original Application No: NPS/WR/031582 Original Start Date: 18/03/2011 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 28/06/2019 Version End Date: -
-	1683m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530780 Northing: 189390	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1686m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530784 Northing: 189397	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

ID	Location	Details	
-	1811m SE	Status: Active Licence No: TH/038/0009/016 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: HACKNEY Data Type: Point Name: Hackney Council Easting: 532542 Northing: 186379	Annual Volume (m ³): 11,220 Max Daily Volume (m ³): 102 Original Application No: NPS/WR/031582 Original Start Date: 18/03/2011 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 28/06/2019 Version End Date: -
-	1860m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530700 Northing: 189550	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1869m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530690 Northing: 189555	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	0
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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

16

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.

Features are displayed on the Abstractions and Source Protection Zones map on **page 44**

ID	Location	Details	
A	128m W	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOTHAIR ROAD SOUTH - NLARS POINT 17 Data Type: Point Name: Thames Water Utilities Ltd Easting: 531635 Northing: 188027	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
A	133m W	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOTHAIR ROAD SOUTH - NLARS POINT 17 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 531630 Northing: 188020	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	437m E	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD EAST - NLARS POINT 39 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532180 Northing: 187860	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	451m E	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD WEST - NLARS POINT 39 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532194 Northing: 187857	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	873m E	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD EAST - NLARS POINT 18 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532644 Northing: 187956	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	881m E	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: EADE ROAD, STAMFORD HILL - NLARS POINT 18 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532650 Northing: 187930	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	951m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LORDSHIP ROAD - NLARS POINT 20 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532542 Northing: 187460	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	969m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LORDSHIP ROAD - NLARS POINT 20 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532550 Northing: 187440	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1119m E	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BETHUNE ROAD - NLARS POINT 19 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532859 Northing: 187750	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1122m E	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BETHUNE ROAD - NLARS POINT 19 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532860 Northing: 187740	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1147m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREEN LANES - NLARS POINT 21 Data Type: Point Name: Thames Water Utilities Ltd Easting: 532351 Northing: 187028	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1157m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREEN LANES - NLARS POINT 21 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 532340 Northing: 187010	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1683m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530780 Northing: 189390	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1686m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY GATEHOUSE - NLARS POINT 16 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530784 Northing: 189397	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1860m NW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 530700 Northing: 189550	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1869m NW	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: HORNSEY SLUICE, NLARS POINT 15 Data Type: Point Name: Thames Water Utilities Ltd Easting: 530690 Northing: 189555	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	2
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on **page 44**

ID	Location	Type	Description
1	On site	1	Inner catchment
2	236m SE	2	Outer catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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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

6

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 53**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	115m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	New River



ID	Location	Type of water feature	Ground level	Permanence	Name
2	123m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	New River
3	126m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	New River
C	161m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	161m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	New River
C	169m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	5
----------------------------	----------

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 53**

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 53**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Lee (Tottenham Locks to Bow Locks/Three Mills Locks)	GB106038077852	Lee Lower 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 53**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	2637m E	River	Lee (Tottenham Locks to Bow Locks/Three Mills Locks)	GB106038077852	Bad	Fail	Bad	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

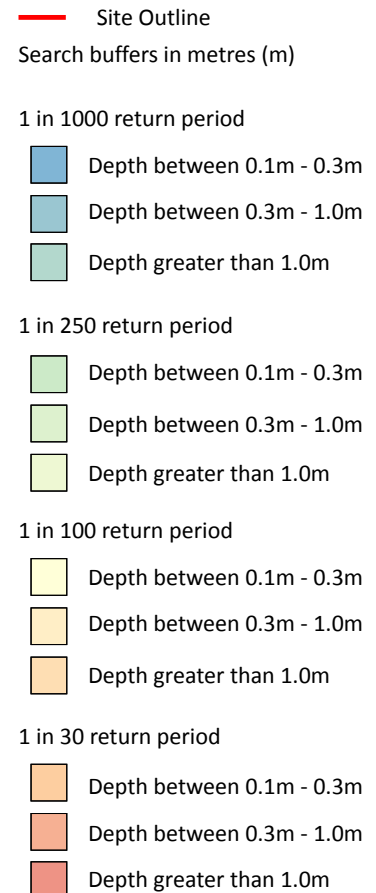
0

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



8.1 Surface water flooding

Highest risk on site

1 in 250 year, 0.1m - 0.3m

Highest risk within 50m

1 in 250 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 59**

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.

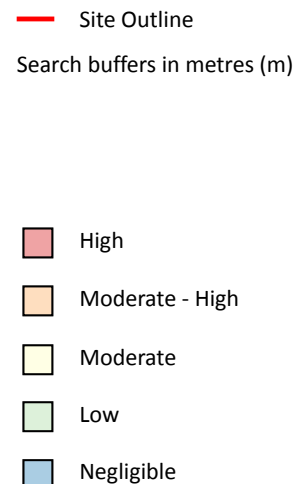
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

Low

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 61**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

4

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 62**

ID	Location	Name	Data source
1	110m NW	Railway Fields	Natural England
2	712m SW	Parkland Walk	Natural England
-	1362m S	Gillespie Park	Natural England
-	1708m SE	Abney Park Cemetery	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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.

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

1

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 67**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - 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. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
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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.

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**0**

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.

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

11.5 Conservation Areas

Records within 250m**0**

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.



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

1

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.

Features are displayed on the Visual and cultural designations map on **page 69**

ID	Location	Name	Grade
1	40m S	Finsbury Park	II

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 72**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

3

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.

Features are displayed on the Agricultural designations map on **page 72**

ID	Location	Name	Classification	Other relevant legislation
2	98m E	Tottenham Commons	Section 15 Land	Metropolitan
A	172m N	Tottenham Commons	Section 15 Land	Metropolitan
A	188m NE	Tottenham Commons	Section 15 Land	Metropolitan

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

5

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 75**

ID	Location	Main Habitat	Other habitats
1	138m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	158m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	183m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	209m S	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)



ID	Location	Main Habitat	Other habitats
5	226m SW	Deciduous woodland	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.

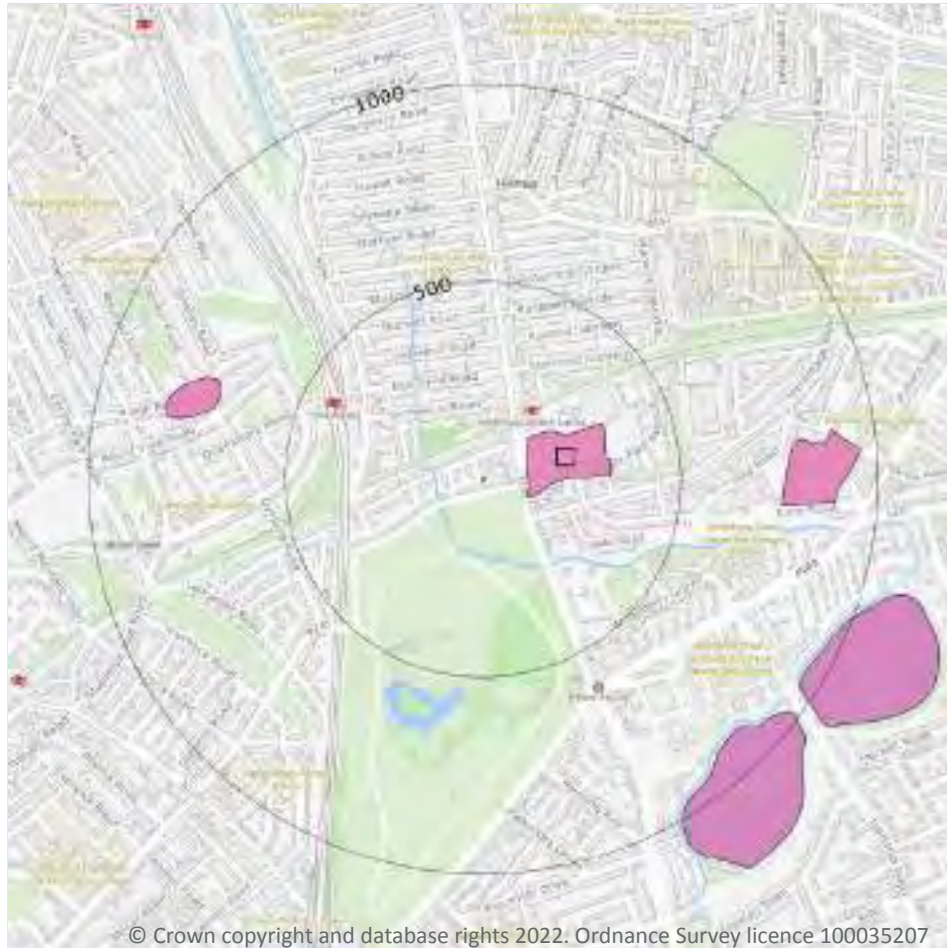
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 77**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ38NW

This data is sourced from the British Geological Survey.



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



- Site Outline
- Search buffers in metres (m)
- Reclaimed ground
 - Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

1

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.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 78**

ID	Location	LEX Code	Description	Rock description
1	111m E	WGR-UNKNOWN	Worked Ground (Undivided)	Unknown/unclassified Entry

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

1

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 80**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-CLAY	London Clay Formation - Clay	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

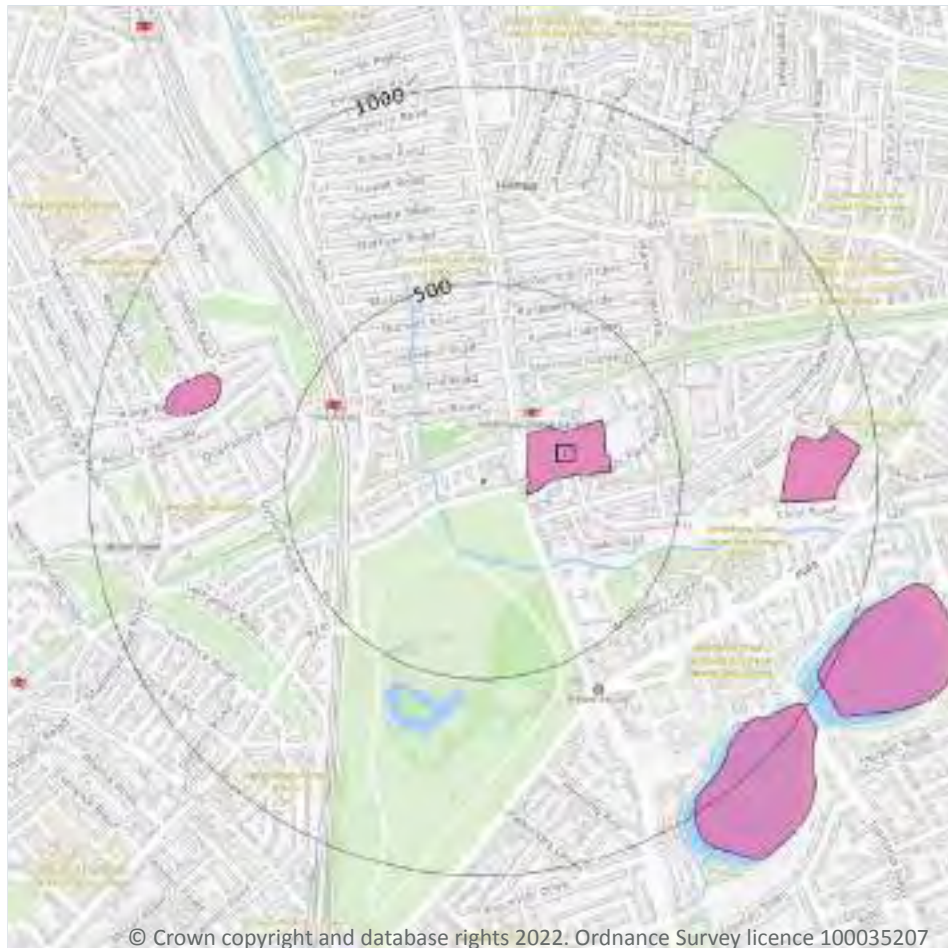
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 82**

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



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

1

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.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 83**

ID	Location	LEX Code	Description	Rock description
1	111m E	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

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

1

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 86**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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

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

9

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 88**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	117m E	531890 188020	HARRINGAY STADIUM GREEN LANE LONDON 4	30.0	N	846419
A	128m W	531640 187990	LOTHAIR ROAD CHALK OBH	-	Y	N/A
A	131m W	531640 187980	LOTHAIR ROAD SAND OBH	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
2	133m W	531630 188020	LOTHAIR ROAD ABH	-	Y	N/A
3	135m NE	531890 188090	HARRINGAY STADIUM GREEN LANE LONDON 5	5.0	N	846420
4	151m NE	531880 188130	HARRINGAY STADIUM GREEN LANE LONDON 3	30.0	N	846418
5	174m SE	531900 187900	HERMITAGE ROAD FINSBURY PARK	137.16	N	846204
6	236m NE	531950 188180	HARRINGAY STADIUM GREEN LANE LONDON 2	15.0	N	846417
7	248m E	532020 188010	CLEAN LINEN SERVICES, N5	137.0	N	846393

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).

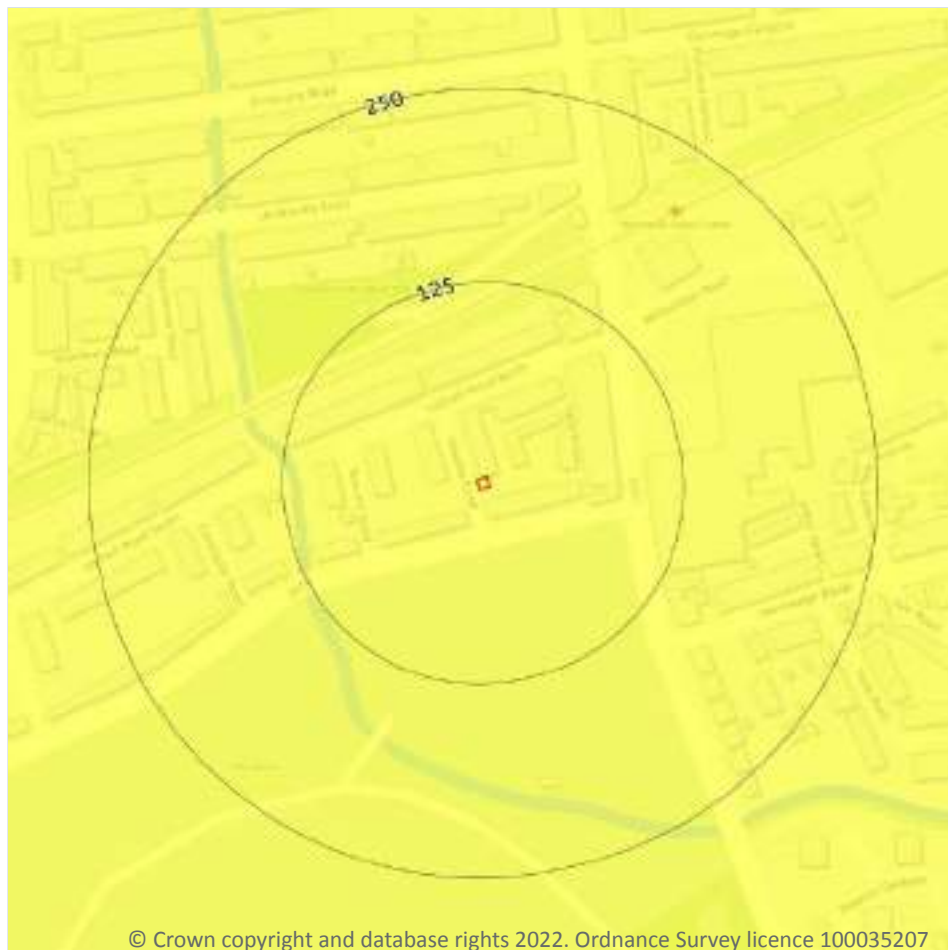
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 90**

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 91**

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.

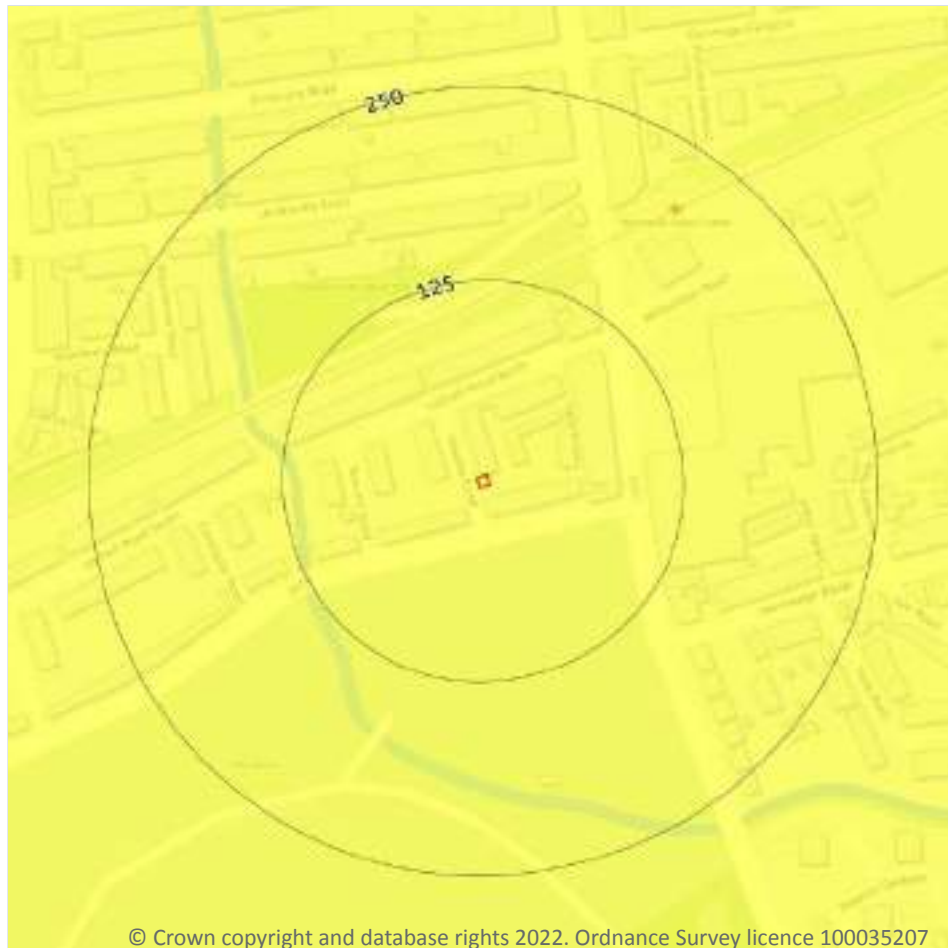
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 92**

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.

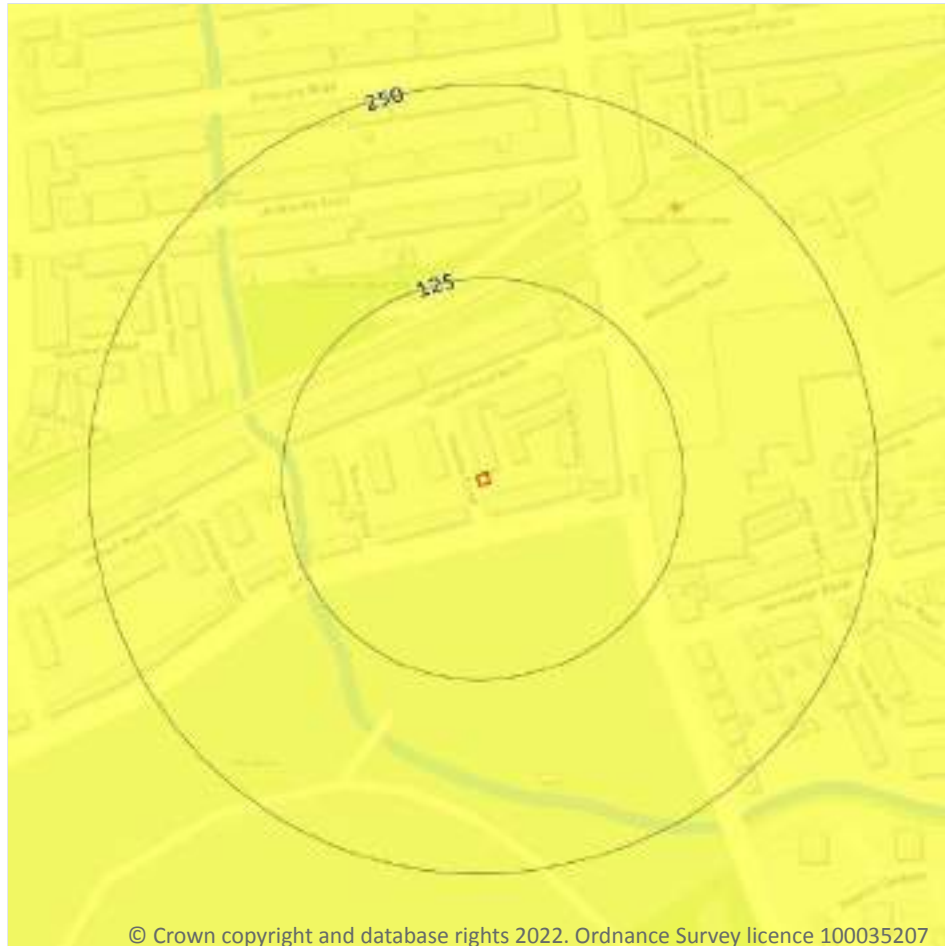
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 93**

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.

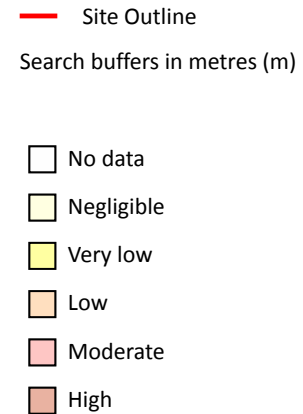
Features are displayed on the Natural ground subsidence - Landslides map on **page 94**

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



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 95**

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

7

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 96**

ID	Location	Land Use	Year of mapping	Mapping scale
A	156m W	Cuttings	1879	1:10560
A	156m W	Cuttings	1869	1:10560
B	187m E	Ponds	1879	1:10560
B	187m E	Ponds	1869	1:10560
C	204m W	Cuttings	1938	1:10560
C	212m W	Cuttings	1920	1:10560
C	219m W	Cuttings	1894	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This 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
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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
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

Records on site	0
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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

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 100**

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

This data is sourced from the British Geological Survey and Public Health England.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

3

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 km². 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 km²; 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
17m SW	No data	No data	No data	No data	No data	No data	No data
17m 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

4

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 km²).

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	28	4.9	515	354	1	78	115	45	62
17m S	22	3.8	373	256	0.7	88	92	39	45
27m E	25	4.4	484	333	0.9	80	109	41	63
33m SE	21	3.7	380	261	0.7	86	91	37	47

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 km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 Underground railways (London)

Records within 250m

1

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

Features are displayed on the Railway infrastructure and projects map on **page 103**

Location	Line Name	Line Section	Track Type	Depth (m bgl)	Operational hours
152m NE	Piccadilly Line	Piccadilly Line	Tunnel	12.11	Mon-Thu: Early 0449 Late 0059, Fri-Sat: 24hr service, Sun: Late 0056

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

12

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.

Features are displayed on the Railway infrastructure and projects map on **page 103**

Location	Land Use	Year of mapping	Mapping scale
89m NW	Railway Sidings	1920	10560
90m N	Railway	1915	-
93m N	Railway Sidings	1938	10560
102m NW	Railway Sidings	1894	10560
106m NW	Railway Sidings	1953	1250
108m NW	Railway Sidings	1975	10000
108m NW	Railway Sidings	1967	10560
108m NW	Railway Sidings	1962	10560
118m NW	Railway Sidings	1896	2500
121m NE	Railways	1896	-
121m NE	Railways	1870	-
191m W	Railway	1872	-



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

16

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 103**

Location	Name	Type
98m NW	Gospel Oak to Barking Line	rail
102m NW	Gospel Oak to Barking Line	rail
103m NW	Not given	Multi Track
129m N	Not given	Multi Track
143m W	Gospel Oak to Barking Line	rail
145m N	Not given	Multi Track
145m W	Gospel Oak to Barking Line	rail
155m W	Not given	Multi Track
156m NE	Gospel Oak to Barking Line	rail
158m W	Gospel Oak to Barking Line	rail

Location	Name	Type
158m NE	Gospel Oak to Barking Line	rail
159m W	Gospel Oak to Barking Line	rail
161m NE	Not given	Multi Track
173m NE	Gospel Oak to Barking Line	rail
175m NE	Gospel Oak to Barking Line	rail
204m NE	Not given	Multi Track

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.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

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