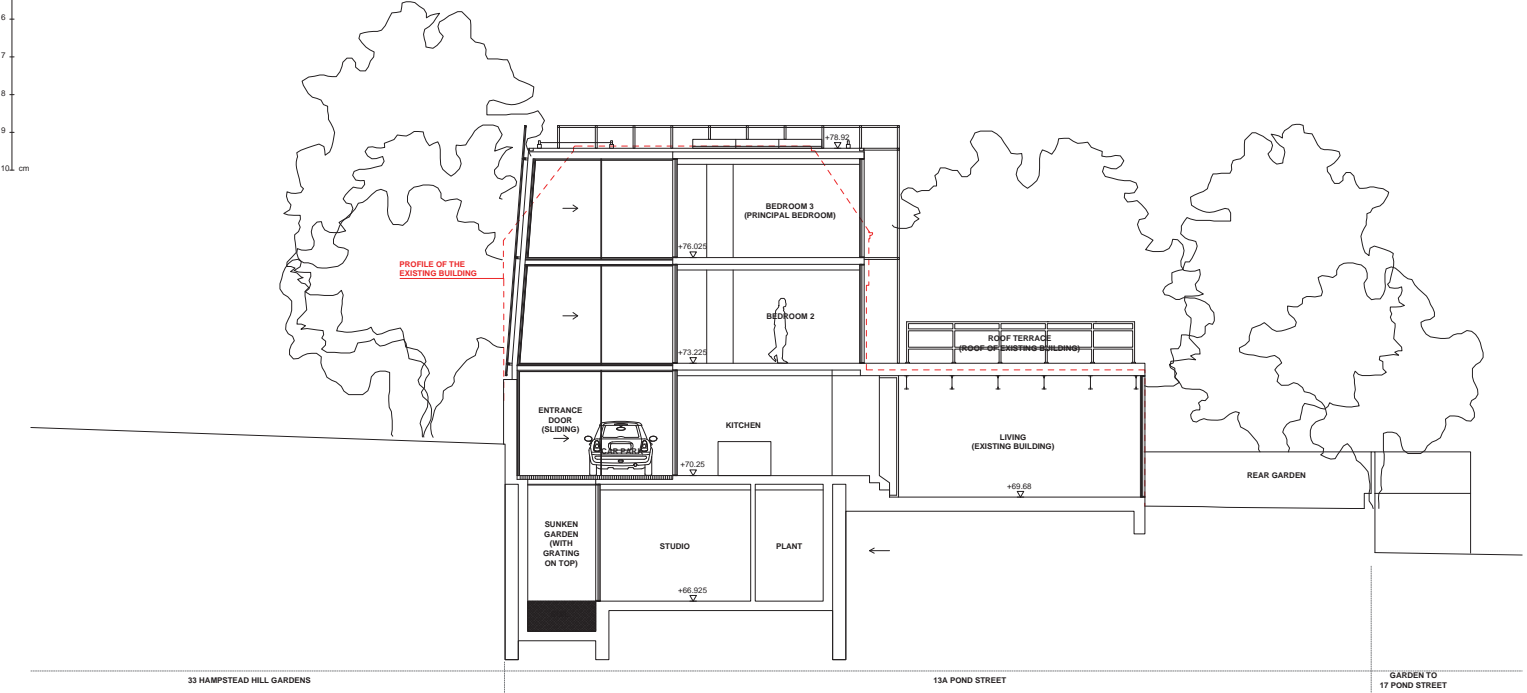
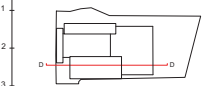


01 Proposed - Section C-C

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		P01	26.11.2016	Minor changes on details					
		P02	27.09.2017	Minor changes according to planning position					
		P03	04.09.2017	Minor changes to add C/P details					
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					Project				
					13A Pond Street, London, NW3 2PN				

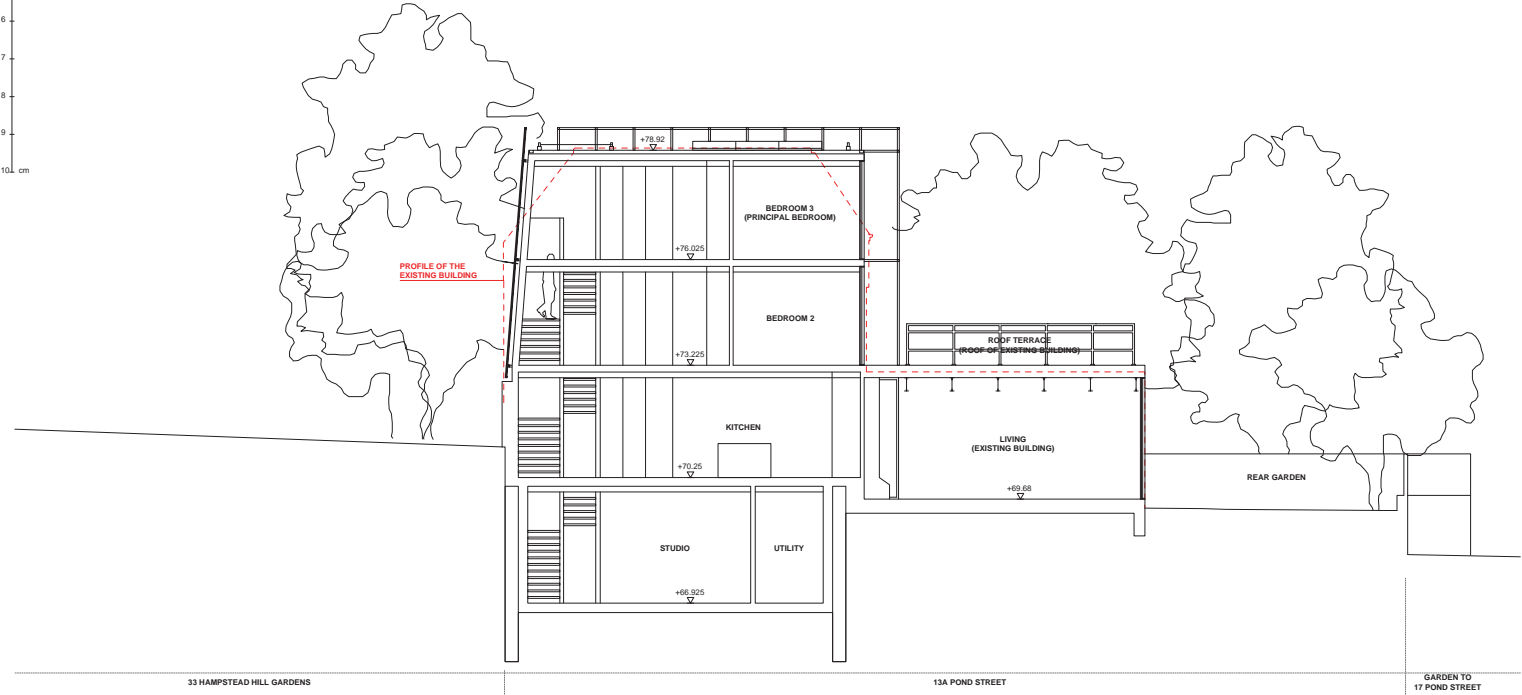
1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



01 Proposed - Section D-D

Revision	Date	Comments	Drawing Title	Project	Scale	Drawing Number	Revision
P01	26.11.2016	Minor changes on details	Proposed - Section D-D	201	1:50 @ A3	PLANNING	P03
P02	27.09.2017	Minor changes according to planning position					
P03	04.09.2017	Minor changes to add 17 plots					
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All dimensions are to be checked on site before any work proceeds. Do not make the drawing but use only digital instruments. Any errors or omissions are to be reported to the architect immediately.			SPENCER BAYLIN	26.05.2016	HT		
This drawing is to be used in conjunction with all the relevant consultation and/or specialist drawings/measurements and any discrepancies or variations are to be notified to the architect before work commences.			Project	13A Pond Street, London, NW3 2PN	1:50 @ A3	www.SpencerBaylin.com	

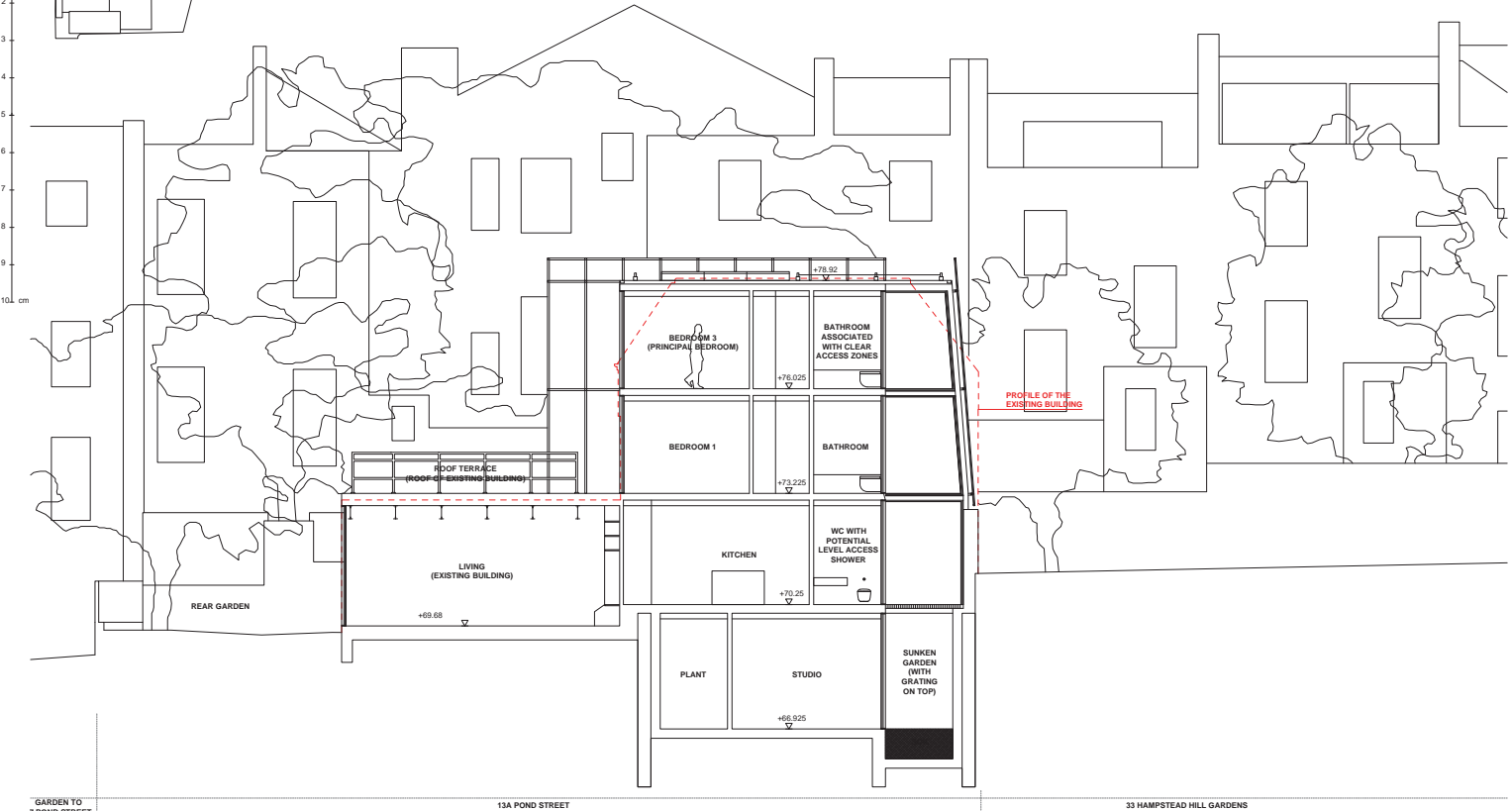
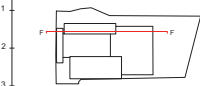
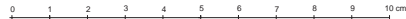
1:1 Scale at A3
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01 Proposed - Section E-E

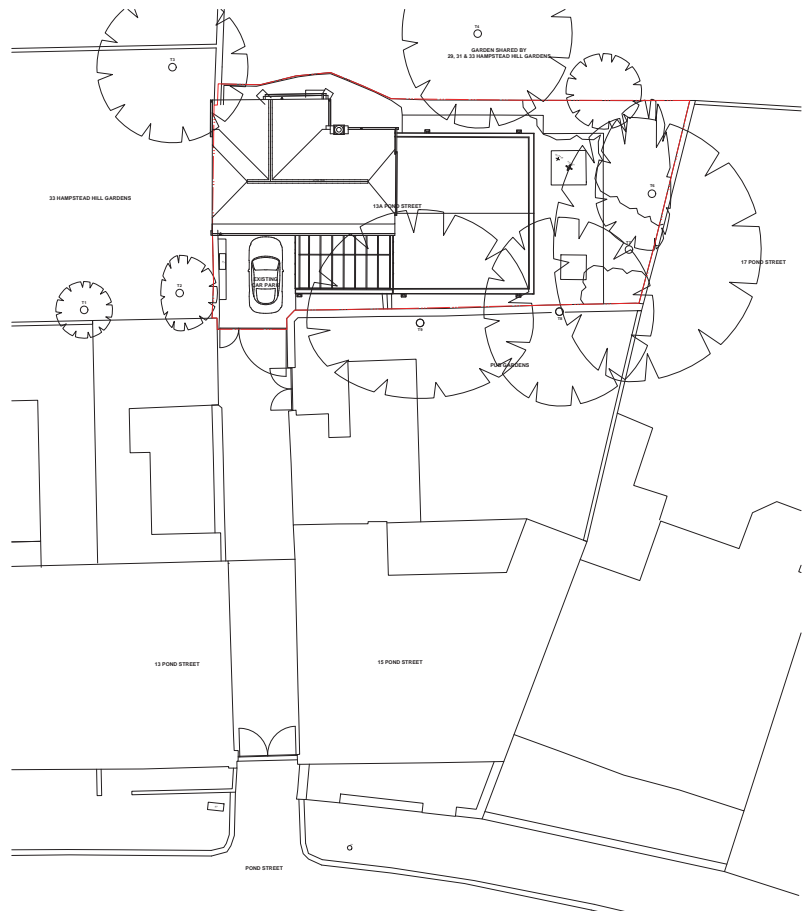
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		P01	26.11.2016	Minor changes on details					
		P02	27.09.2017	Minor changes according to planning position					
		P03	04.09.2017	Minor changes to add 1/2 porch					
All dimensions are to be checked on site before any work proceeds. Do not make the drawing but use only digital instruments. Any errors or omissions are to be reported to the architect immediately.	The drawing is to be read in conjunction with all the relevant consultation and/or specialist drawings/measurements and any discrepancies or variations are to be notified to the architect before work commences.				Client	Date 25.05.2016	Drawn By HT	201 224	www.SpencerBaylin.com
					SPENCER BAYLIN				
					Project				
					13A Pond Street, London, NW3 2PN				

1:1 Scale at A3

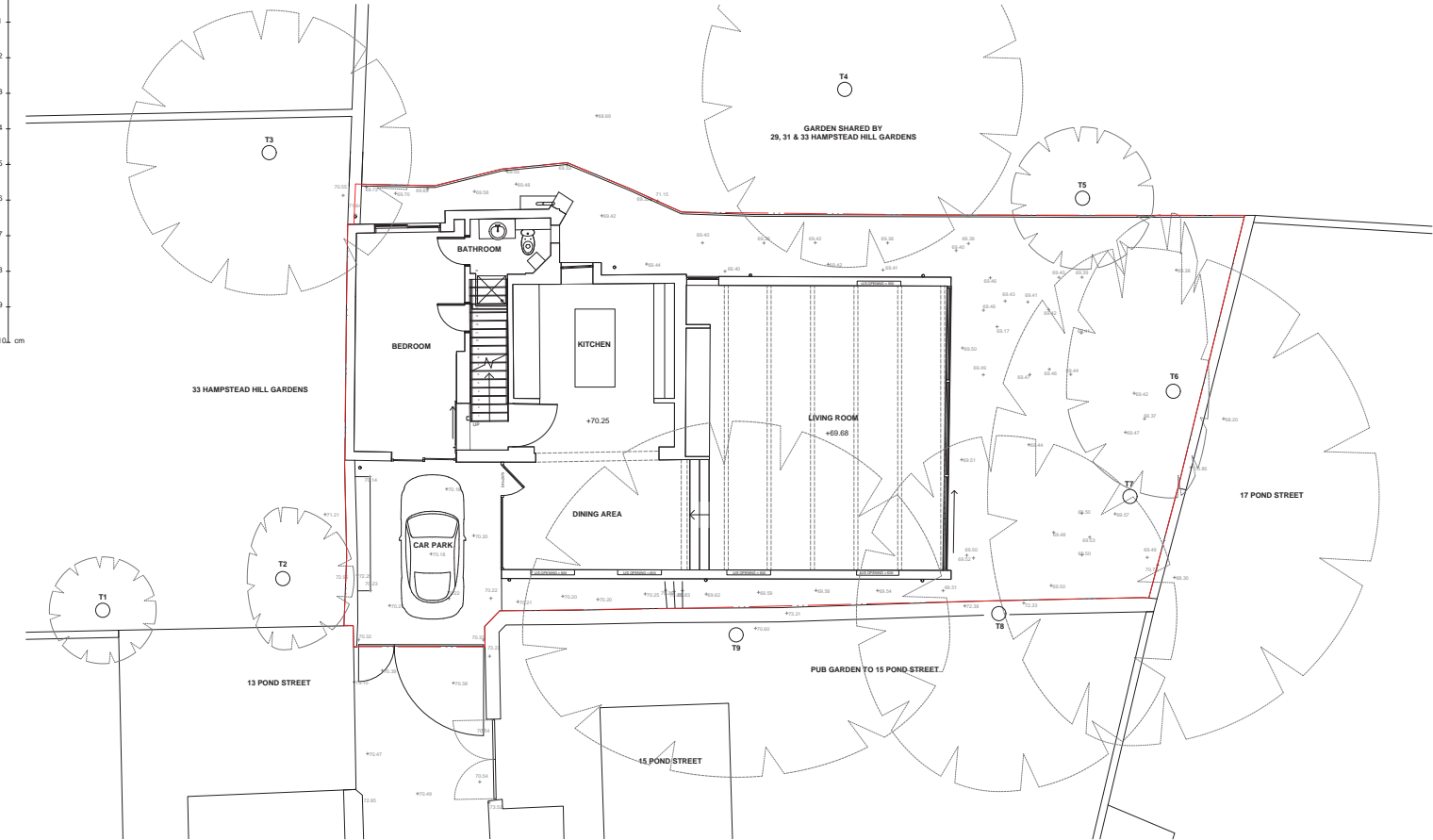


01 Proposed - Section E-F

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		P01	26.11.2016	Minor changes on details					
		P02	27.09.2017	Minor changes according to planning position					
		P03	04.09.2017	Minor changes to add 12% pitch					
All dimensions are to be checked on site before any work proceeds. Do not scale the drawing but use only digital instruments. Any errors or omissions are to be reported to the architect immediately.	The drawing is to be used in conjunction with all the relevant consultation and/or specialist design documents and any discrepancies or variations are to be resolved to the architect before work commences.				Client	Date 26.05.2016	Drawn By HT	201 225	www.SpencerBayliss.com
					SPENCER BAYLISS				
					Project				
					13A Pond Street, London, NW3 2PN				

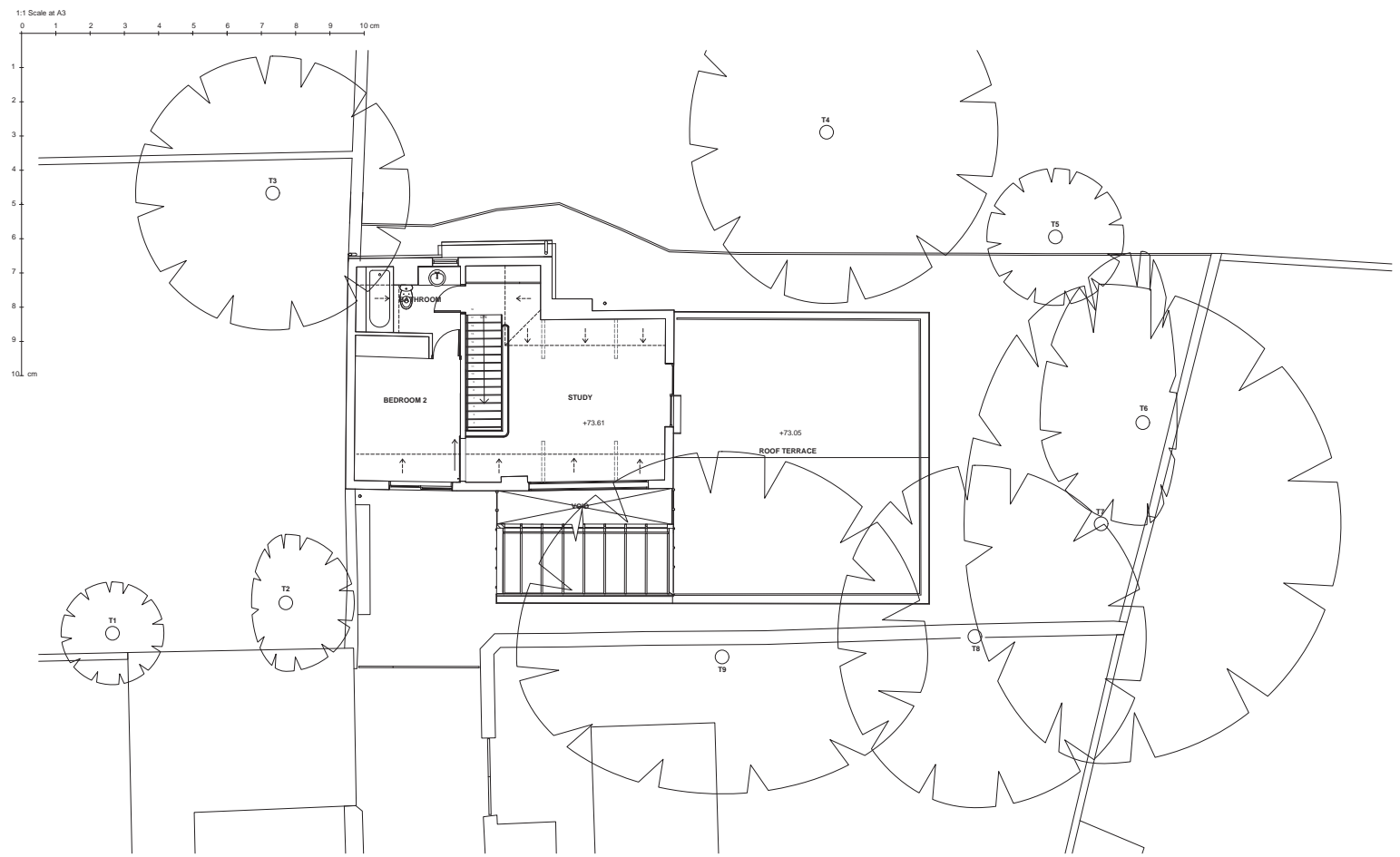
[illegible]

1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



01 Existing - Ground Floor Plan

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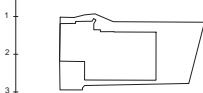
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Client SPENCER BAYLIN		Date 25.05.2016		Drawn By HT		Project 13A Pond Street, London, NW3 2PN		201 102		Gavan Botsford Architects			

1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



01 Existing - Roof Plan

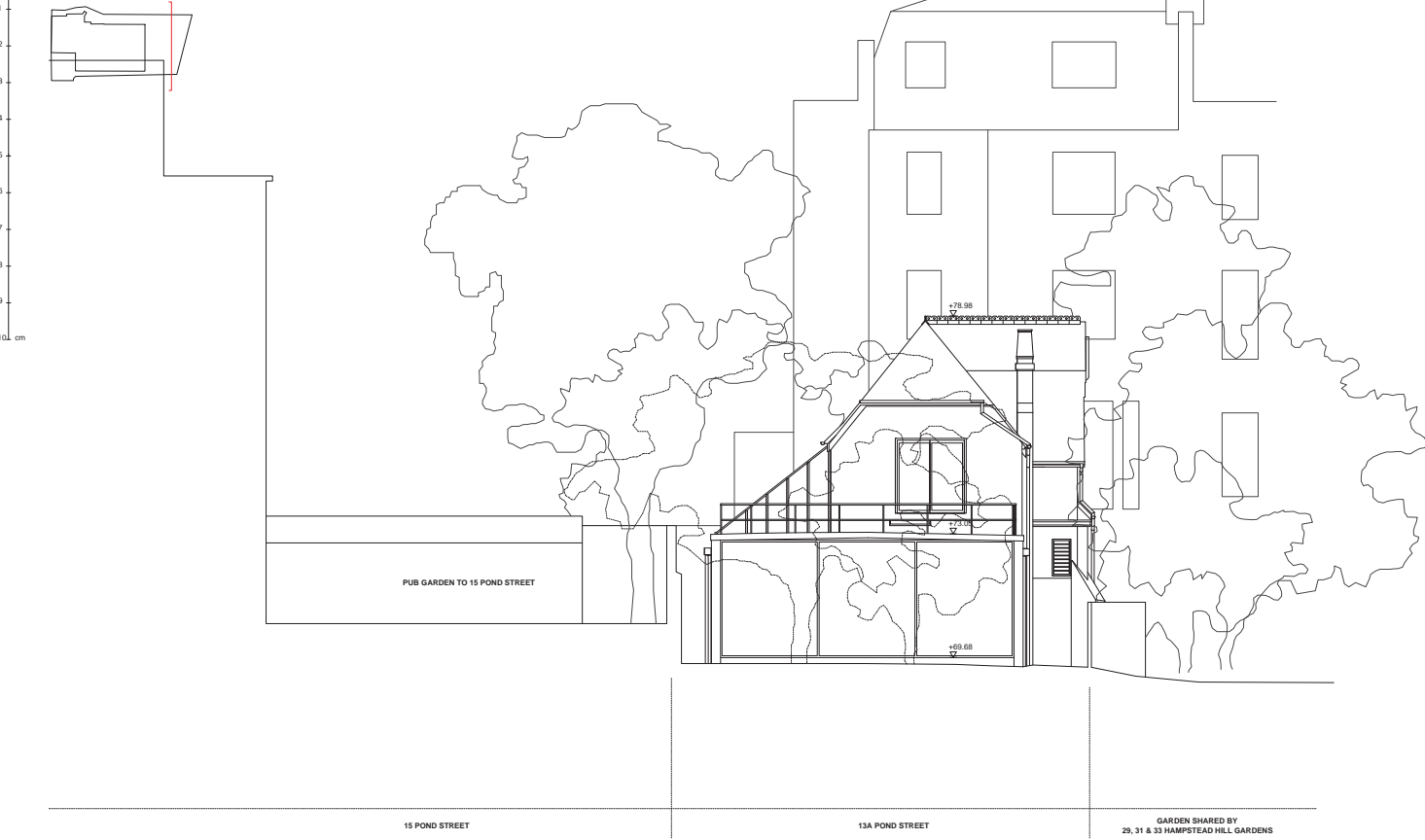
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Client SPENCER BAYLIN		Date 25.05.2016		Drawn By HT		Project 13A Pond Street, London, NW3 2PN		201 103		Gavan Botsford Architects			



01 Existing - South Elevation

[illegible]

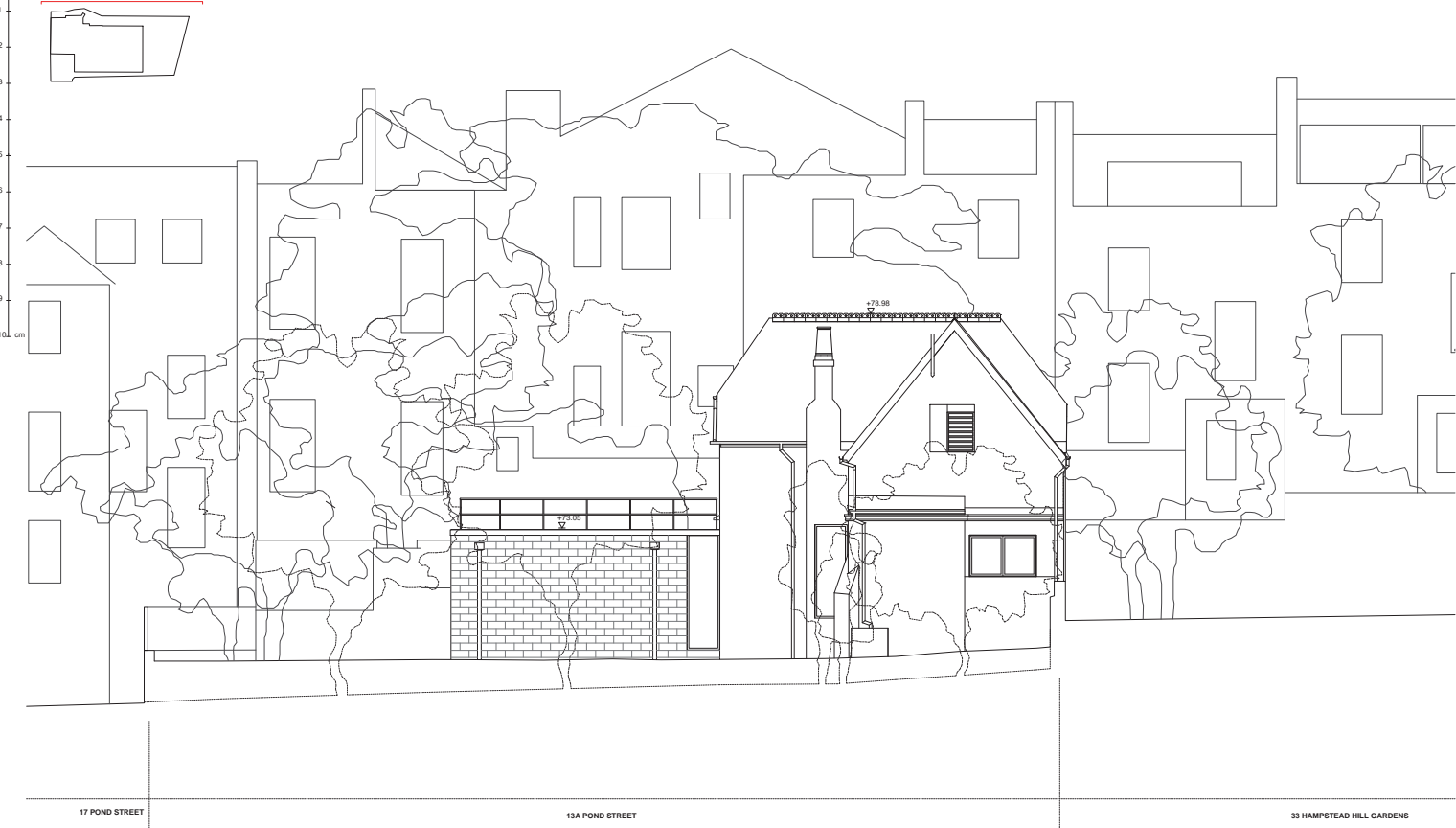
1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



01 Existing - East Elevation

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Client SPENCER BAYLIN		Date 25.05.2016		Drawn By HT		Project 13A Pond Street, London, NW3 2PN		201 111		Gavan Botsford Architects			

1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



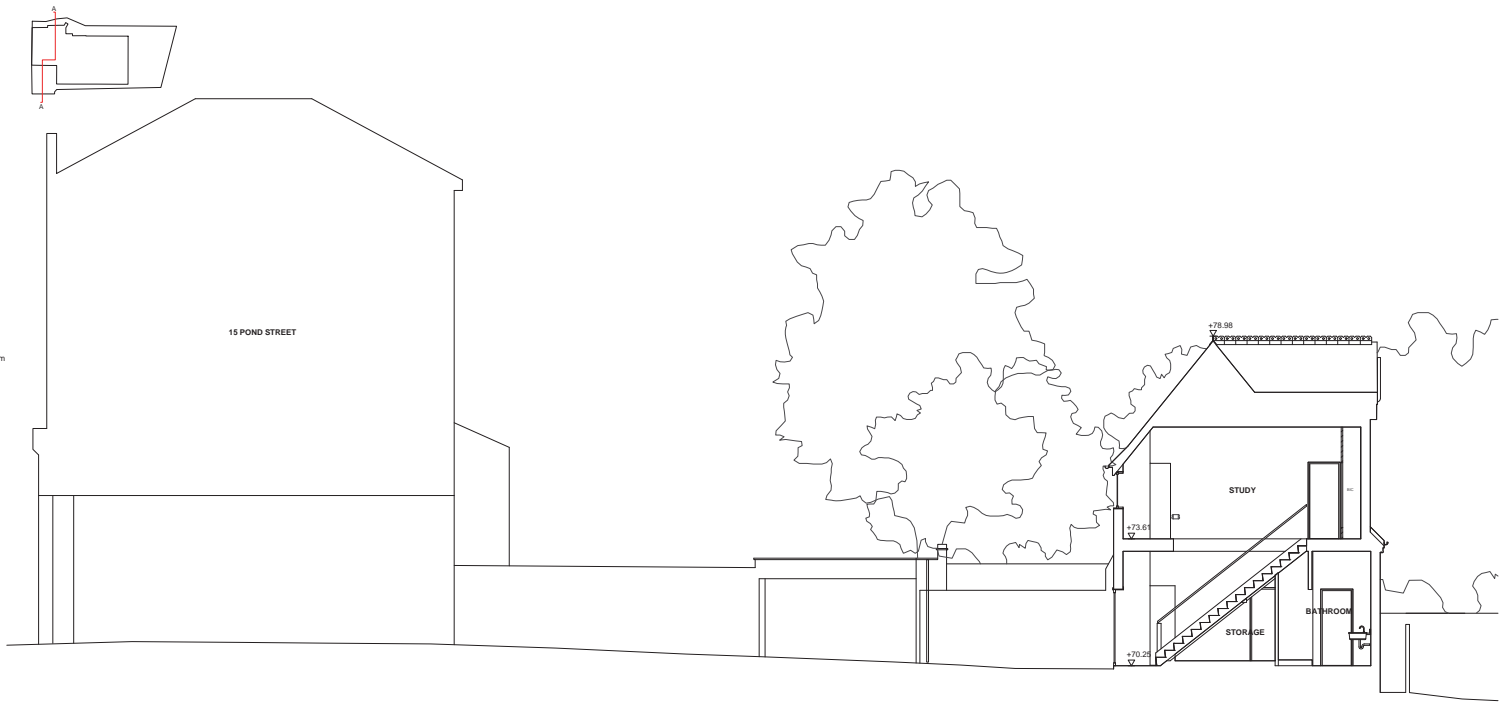
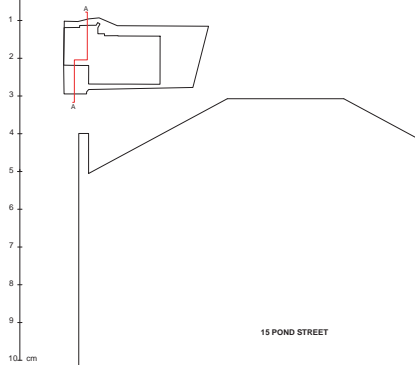
01 Existing - North Elevation
1:100 @ A3 (1:50 @ A1)

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								Client SPENCER BAYLIN		Date 25.05.2016	Drawn By HT	201 112	
								Project 13A Pond Street, London, NW3 2PN		Gavan Botsford Architects 02044 0500 7434 2277 info@gavansbotsford.com		Gavan Botsford Architects	



1:50 @ A3 / 1:50 @ A1

[illegible]



POND
STREET

DRIVEWAY SHARED BY 13A & 15 POND STREET

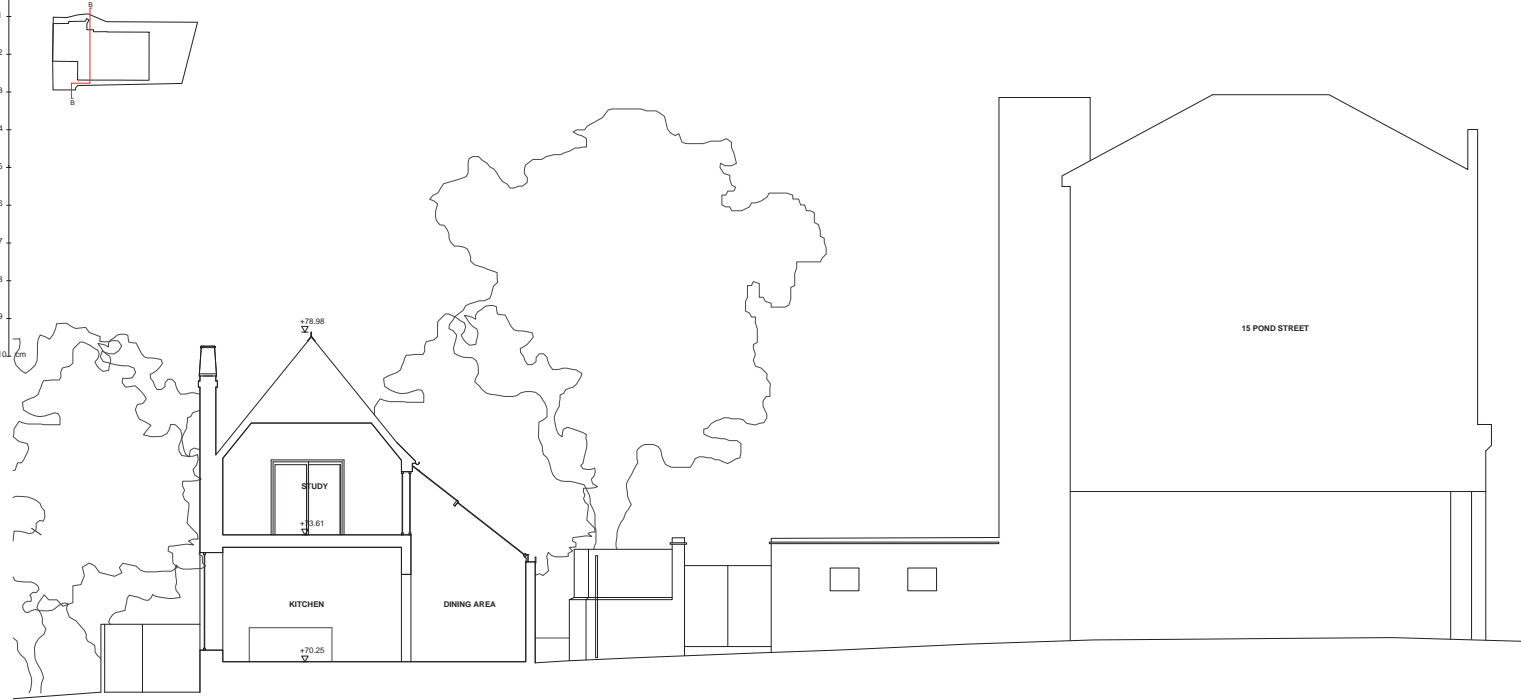
13A POND STREET

GARDEN SHARED BY
29, 31 & 33
HAMPSTEAD HILL
GARDENS

01 Existing - Section A-A

[illegible]

1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



GARDEN SHARED BY
29, 31 & 33
HAMPTSTEAD HILL
GARDENS

13A POND STREET

DRIVEWAY SHARED BY 13A & 15 POND STREET

POND
STREET

01 Existing - Section B-B
1:100 @ A3 (1:100 @ A1)

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												Existing - Section B-B					
												Client		Date	Drawn By	201	121
												SPENCER BAYLIN					
<div>All dimensions are to be checked on site before any work proceeds. Do not make this drawing for use only for the information. Any errors or omissions are to be reported to the architect immediately.</div>	<div>This drawing is to be used in conjunction with all the relevant construction and specification drawings and any discrepancies or variations are to be referred to the architect before work commences.</div>											Project		13A Pond Street, London, NW3 2PN	Gannu Botsford Architects	T 0044 (0)20 7434 2277 info@gannubotsford.com	

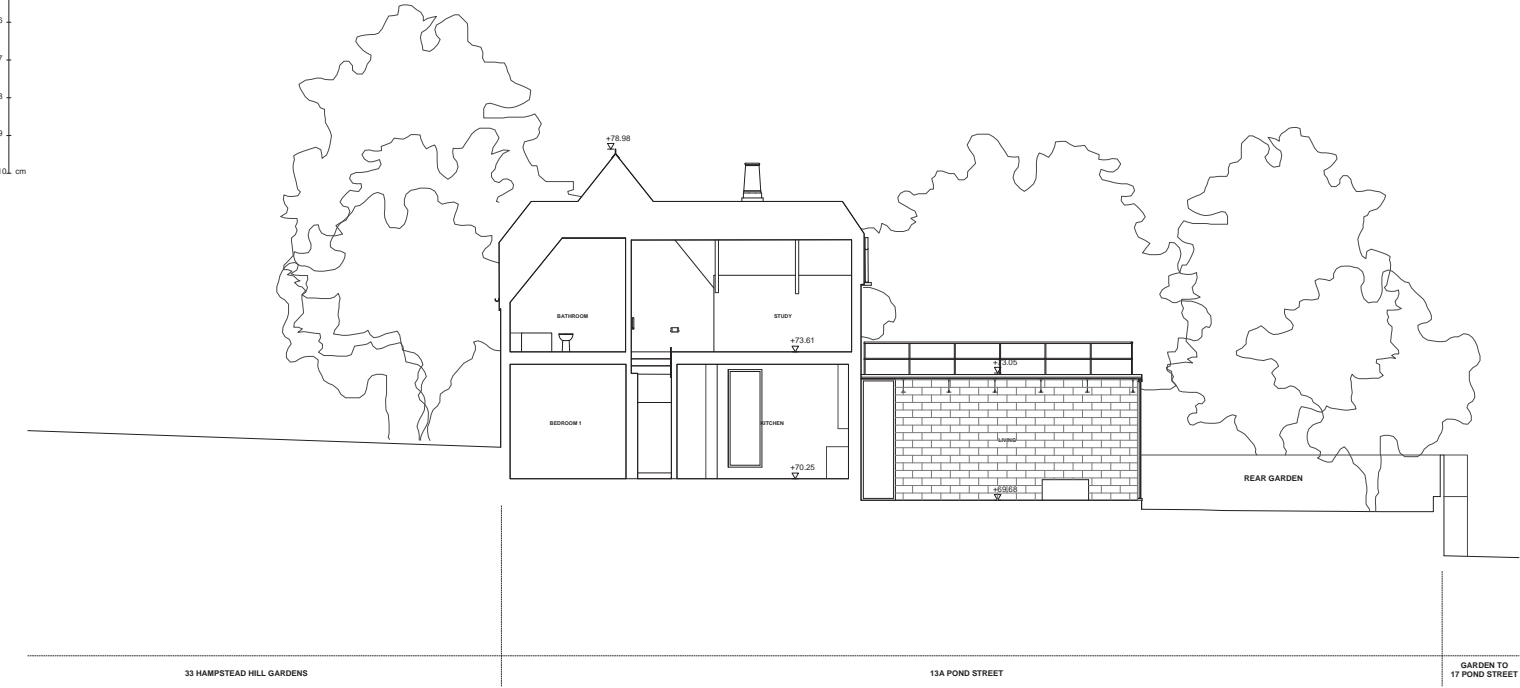
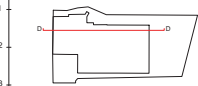
1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



01 Existing - Section C-C

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								Client SPENCER BAYLIN		Date 25.05.2016	Drawn By HT	201 122	
								Project 13A Pond Street, London, NW3 2PN		GAVAN BOTSFORD ARCHITECTS T 0044 (0)20 7434 2277 info@gavansbotsford.com		Gavan Botsford Architects	

1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



01 Existing - Section D-D

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All dimensions are to be checked on site before any work proceeds. Do not make this drawing for use only for information. Any errors or omissions are to be referred to the Architect immediately.						Client SPENCER BAYLIN		Date 25.05.2016	Drawn By HT	201 123	
						Project 13A Pond Street, London, NW3 2PN		ESTABLISHED 2010 GANNU BOTSFORD ARCHITECTS T 0044 (0)20 7434 2277 info@gannubotsford.com		Gannu Botsford Architects	

1:1 Scale at A3
0 1 2 3 4 5 6 7 8 9 10 cm



GARDEN TO 17 POND STREET		13A POND STREET		33 HAMPSTEAD HILL GARDENS	
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01 Existing - Section E-E
1:100 @ A3 (1:100 @ A1)

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APPENDIX C



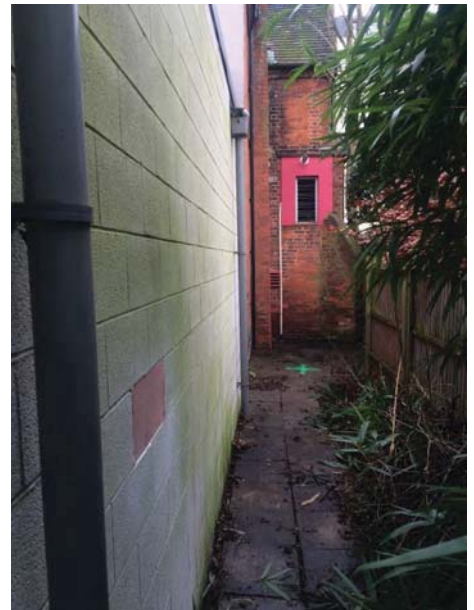
Left: View of front (south) elevation from alleyway of Roebuck Pub



Right: View along south elevation and within single storey extension



Left: View through extension into rear garden with original cottage building to the left



Right: View along north elevation

Left: View of first floor of east elevation from roof terrace of extension



Right: View of rear garden (east of extension)



APPENDIX D

GROUND EXPLORATIONS LTD.

TOBANE/77

BOREHOLE NO. 1

2754.8550.

Contract Name Cressy Road, Camden Report No. 5332/DK/NA
 Client Greater London Council Site Address
Department of Architecture
 Address and Civic Design Cressy Road
The County Hall Camden
London, S.E.1 London, N.W.3
 ORDER NO.: BC.85977

Standing Water Level 12.2 m Method of Boring Shell and auger
 Water Struck - Diameter 0.15m
 Ground Level 52.295m O.D. Start 7.671m Finish 9.671m

Remarks

JARS metres		CORES metres		BULK metres	
1530 0.75	1550 15.25	1531 1.05			
1532 2.3	1551 Water	1533 2.6			
1534 3.5		1535 4.1			
1536 4.7		1537 5.65			
1538 6.25		1539 7.15			
1540 7.75		1541 8.7			
1542 9.3		1543 10.2			
1544 10.8		1545 11.75			
1546 12.35		1547 13.25			
1548 13.85		1549 14.8			
Description			Thickness	Depth	
			<u>m</u>	<u>m</u>	
Concrete and hardcore.			0.3	0.3	
Stiff Brown and blue clay with crystals			3.05	3.35	
Firm Fissured brown silty clay with crystals			0.9	4.25	
Firm to stiff fissured dark brown silty clay with crystals.			11.0	15.25	
TOTALS			15.25	15.25	

- Notes 1. Descriptions are in accordance with B.S. Code of Practice C.P. 2001
 Clients are requested to compare with samples submitted.
 2. Core samples are nominally 4 ins. diameter and 18 ins. long.
 Depths shown are to top of sample.

GROUND EXPLORATIONS LTD.

BOREHOLE NO. 2

TQ/28NE/78

2705. 0550

Contract Name Cressy Road, Camden. Report No. 5332/BH/MA
 Client Greater London Council, Site Address
Department of Architecture,
 Address and Civic Design, Cressy Road,
The County Hall, Camden,
London, S.E.1. London, N.W.3.
 ORDER NO.: EC.05977

Standing Water Level 2.2 m. Method of Boring Shell and auger
 Water Struck 0.15 m. Diameter
 Ground Level 54.605 m. O.D. Start 3.6-71 Finish 9.6-71
 Remarks

JARS metres		CORES metres		BULK metres	
1513	0.75	1517	3.5	1514	1.5
1515	2.3	1519	5.05		
1516	3.2	1521	6.55		
1518	4.7	1523	8.1		
1520	5.65	1525	9.6		
1522	7.15	1527	11.15		
1524	8.7				
1526	10.2				
1528	12.35				
1529	Water				
Description				Thickness m	Depth m
Concrete and hardcore				0.15	0.15
Made ground : clay with bricks, sand, etc.				2.9	3.05
Stiff brown and blue clay with crystals				1.85	4.9
Stiff fissured brown silty clay with crystals				3.65	8.55
Stiff fissured dark brown silty clay				3.65	12.2
TOTALS				12.2	12.2

- Notes 1. Descriptions are in accordance with B.S. Code of Practice C.P. 2001
 Clients are requested to compare with samples submitted.
 2. Core samples are nominally 4 ins. diameter and 18 ins. long.
 Depths shown are to top of sample.

PR/208

GROUND EXPLORATIONS LTD.

BOREHOLE NO. 3

TO/ASNE/179
2756.8553

Contract Name Cressy Road, Camden Report No. 5332/BW/NA
Client Greater London Council, Department of Architecture Site Address
Address The County Hall, Camden, London, N.W.3.
ORDER NO.: BC.85977

Standing Water Level 1.5 m Method of Boring Shell and Auger
Water Struck Diameter 0.15 m
Ground Level 54.535 m O.D. Start 28.571 m Finish 2.671 m

Remarks No water encountered while drilling. Bore left open over weekend - now standing at 5'0" from surface.

JARS metres		CORES metres		BULK metres	
8294 0.75	1600 Water	8296 1.05			
8295 1.05		8298 2.0			
8297 2.0		8300 3.5			
8299 2.9		1502 5.05			
1501 4.4		1504 6.55			
1503 5.95		1506 8.1			
1505 7.45		1509 9.6			
1507 9.0		1511 11.15			
1508 9.3					
1510 10.8					
1512 12.2					
Description		Thickness	Depth		
		<u>m</u>	<u>m</u>		
Concrete and hardcore		0.15	0.15		
Made ground : brown and grey silty clay		0.75	0.9		
Firm Brown and grey silty clay		0.9	1.8		
Stiff Orange-brown sandy clay with stones		0.35	2.19		
Stiff Mottled brown and blue clay with crystals		4.85	7.0		
Very stiff Fissured brown silty clay with crystals		2.15	9.15		
Very stiff Fissured dark brown silty clay		3.05	12.2		
TOTALS		12.2	12.2		

- Notes 1. Descriptions are in accordance with B.S. Code of Practice C.P. 2001
Clients are requested to compare with samples submitted.
2. Core samples are nominally 4 ins. diameter and 18 ins. long.

This record has already been entered, but contains some geological information.

* Not found as registered!

B 256/1384
TQ28/1384
B.9.

①

Well at Lower Heath Hamstead.
Site visited 30th May 1946.
On corner of Heath, once in Round House, now demolished.
Well filled in just over 10 years ago.
Well top at ground level.
Stone covers spot of old well. NGR TQ 2721 8563.
E.C. May 1946.

Ref. L.M. p.107.

HAMSTEAD. Lower Heath. 1833 (deepened afterwards).
N. T. WETHERALL. *Trans. Geol. Soc.*, ser. 2, vol. v, p. 131; and
SWINDALL AND BURNELL, "Radiocentury Treatise on Well-digging, &c.",
Ed. 4, p. 77.
About 250 feet above Ordnance Datum. Sunk 329 feet, the rest bored.
Yield 200,000 gallons a day according to W. MATTHEWS, "Hydraulics,
an account of the Water Works of London, &c.", p. 14 (1855). According
to FARRINGTON (Waterbearing Strata, p. 65) the yield was about half that
amount (100 at a later date), 60 gallons a minute from the Thicket Sand and
10 from the Chalk. Now not used.

10 from the Chalk. Now not used.		THICKNESS.	DEPTH.
	Green clay	30	30
London Clay, 289 feet.	Blue and dark brown clay, with scoriae	170	200
	Clay, sandy and with vegetable remains	84	284
	[Basement-bed] Rock with green grains and many fossils	5	289
	Plastic clay	40	329
Reading and Thames Beds, 39 ft.	Sand	49	378
	Thin bed of flints.		
Chalk, 72 ft.	Hard chalk	40	418
	Soft chalk, with water	4	422
	Hard chalk, no water	28	450

In a drawing of this section, shown me by Mr. DOWDA, the bed below
329 feet is divided into three, thus—[Pebbles, Sand, Pebbles]; and the water-
level is shown as about 250 feet from the surface of the ground.

GEOLOGICAL SURVEY OF GREAT BRITAIN
RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

Name and Number given by owner:

For whom made

Town or Village Hampstead County

Exact site

Purpose for which made Water { Attach a tracing from a map, or a sketch-map, if possible.

Ground Level at shaft bore relative to O.D. If not ground level give O.D. of beginning of shaft bore

Made by

Information from

Examined by

(For Survey use only)

6-inch Map Registered No.

TQ28NE/5

Nat. Grid Reference

2716 8588

1" N.S. Map No.

256

1" O.S. Map No.

Confidential or not

Date of sinking 1833

Date received

SPECIMEN NUMBERS AND ADDITIONAL NOTES

deepened 1878?

(For Survey use only)
 GEOLOGICAL CLASSIFICATION

DESCRIPTION OF STRATA

THICKNESS

DEPTH

Fr.

IN.

Fr.

IN.

"London Memoir" Vol II
p. 107 (in full)

450

HAMPSTEAD. Lower Heath. 1833 (deepened afterwards).
 N. T. WETHERELL, Trans. Geol. Soc., ser. 2, vol. v. p. 131; and
 SWINDELL AND BURNELL's, "Rudimentary Treatise on Well-digging, &c."
 Ed. 4, p. 77.
 About 230 feet above Ordnance Datum. Sunk 320 feet, the rest bored. + 70-10
 Yield 200,000 gallons a day according to W. MATTHEWS, "Hydraulic,
 an account of the Water Works of London, &c." p. 14 (1833). According
 to PRESTWICH (Waterbearing Strata, p. 55) the yield was about half that
 amount (7 at a later date), 60 gallons a minute from the Thanet Sand and
 10 from the Chalk. Now not used.

	THICKNESS	DEPTH
	Fr.	IN.
Brown clay	30	30
Blue and dark brown clay, with septaria	170	200
London Clay, 229 feet.	84	284
[Basement-bed.] Rock with green grains and many fossils	5	289
[Reading and Thanet Beds, 80 ft.] Plastic clay	40	329
Sand	49	378
[Thin bed of flints.		
Hard chalk	40	418
Chalk, 72 ft. Soft chalk, with water	4	422
Hard chalk, no water	28	450

In a drawing of this section, shown me by Mr. DOUGLAS, the bed below 229 feet is divided into three, thus:—Pebbles, Sand, Pebbles; and the water-level is shown as about 230 feet from the surface of the ground.

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

Name and Number given by owner:

For whom made:

Town or Village:

Exact site:

Purpose for which made:

Ground Level at shaft bore relative to O.D.:

Made by:

Information from:

Examined by:

(For Survey use only)

6-inch Map Registered No.

Nat. Grid Reference

26768579

1" N.S. Map No.

256

1" O.S. Map No.

Confidential or not

If not ground level give O.D. of beginning of shaft bore

Date of sinking: 1878

Date received:

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEPTH	
		FT.	IN.	FT.	IN.
British Geological Survey	British Geological Survey			600	
	"London Memoir" Vol. II. p. 107 (In Fall)				
	HAMPSTEAD. Brewery. 1878. Communicated by Mr. J. W. GROVER. 315 feet above Ordnance Datum. Shaft 340 feet, the rest bored. Water rose to 325 feet from the surface.				
		THICKNESS.		DEPTH.	
	[? Top soil, or made earth] -	7 {6}		7	
	Brown clay -	33		40	2 1/2
	Clay with shells -	40		80	15 1/2
	[? Clay] shells at 90 feet; claystone and calcareous spar (nodules) at 145-147 feet; and also (with shells and iron-pyrites) at 196-206 feet; shells at 223 feet;				
	[London Clay, 353 feet.]				
		about 172		252	
	[? Darker clay] -	25		277	
	[? Clay; shells] -	33		310	
	[? Rather darker clay] -	30		340	
	Sandy clay and shells -	20		360	
	Clay -	about 22		382	
	[? Clay, reddish	8		390	
	[? Clay, mottled], nodules of iron-pyrites -	10		400	
	[? Clay, mottled] -	about 7		407	
	Clay and pebbles -	6 {5}		413	
	[Thanet Sand, 31 feet.]	18		431	
	Grey sand -	11 {12}		442	
	Flints -	2		444	
	Chalk -	156 {155}		600	
	Perhaps the London Clay should be carried lower. In Spon's "Practical Practice of Sinking and Boring Wells," Ed. 2, p. 233 (not seen until the above was in print) it is carried down to 408 feet, which seems too low, and the Thanet Sand is not recognized. There are also some differences of detail from the above. {The figures in these brackets are taken from this book.}				

TQ 28 NE 77 79.

Q.D. Levels (metres)

55
50
45
40
35

BH1. 52.295 m Q.D.
Concrete & Hardcore
Brown & blue
clay with crystals
Fissured brown
silty clay with
crystals
Fissured dark
brown silty
clay with crystals

BH2. 54.605 m Q.D.
Concrete & Hardcore
Made ground
(clay, bricks &
sand)
Mottled brown
& blue clay with
crystals
Fissured brown
silty clay with
crystals
Fissured dark
brown silty
clay

BH3. 54.535 m Q.D.
Concrete & Hardcore
Made ground
(brown & grey silty clay
Brown & grey
silty clay
Orange-brown sandy
clay with stones)
Mottled brown &
blue clay
with crystals
Fissured brown
silty clay
with crystals
Fissured dark
brown silty
clay

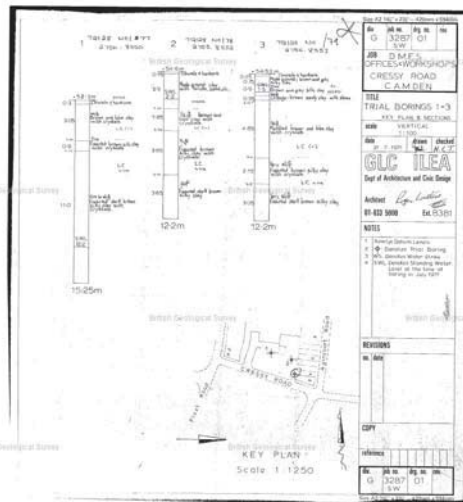
Scales: Horizontal NTS
Vertical 1:100
-V- Standing Water Level

Diagram of Borehole Sections

GROUND EXPLORATIONS Ltd.
68/76 Alpha Street, Slough, Bucks.

Drwn. by: WSH Ckd. by: BW
Date Jul 1971

Report No. 5332
Figure No. 2



APPENDIX E



Chelmer Site Investigation Laboratories Ltd
TOWER BRIDGE BUSINESS CENTRE,46-48,
EAST SMITHFIELD,
LONDON, E1W 1AW

Groundsure Reference: GS-3526404

Your Reference: 8222_7546

Report Date 15 Dec 2016

Report Delivery Method: Email - pdf

Groundsure Enviro Insight

Address: 13A, POND STREET, LONDON, NW3 2PN

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,

Managing Director
Groundsure Limited

Enc.
Groundsure Enviroinsight

Groundsure Enviro Insight

Address: 13A, POND STREET, LONDON, NW3 2PN
Date: 15 Dec 2016
Reference: GS-3526404
Client: Chelmer Site Investigation Laboratories Ltd

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 07-Jun-2015
Grid Reference: 527125,185497
Site Size: 0.03ha

Report Reference: GS-3526404
Client Reference: 8222_7546

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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	0	6	53	46
1.2 Additional Information – Historical Tank Database	0	0	6	9
1.3 Additional Information – Historical Energy Features Database	0	0	28	41
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	8	4	5
1.6 Potentially Infilled Land	0	4	3	49

Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	1	6
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	34	1
2.1.8 Records of Licensed Discharge Consents	0	0	0	0
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	0	0
2.2 Records of COMAH and NIHHS sites	0	0	0	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	1	0
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
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3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	0	0	0	0	1
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	4	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	0	0	0	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	0	1	12	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	1
4.3 National Grid Underground Electricity Cables	0	0	0	8
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?	No
5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?	None
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	0-500m
6.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?	No
6.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?	Yes
	On-site 0-50m 51-250 251-500 501-1000 1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0 0 0 0 0 12
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0 0 0 0 0 0
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0 0 0 0 0 5
6.6 Source Protection Zones (within 500m of the study site)	0 0 0 0 Not searched Not searched
6.7 Source Protection Zones within Confined Aquifer	0 0 0 0 Not searched Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	0 0 1 0 Not searched Not searched

Section 6: Hydrogeology and Hydrology

0-500m

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Is there any Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site?	No	No	No	No	No	No
6.10 Detailed River Network entries within 500m of the site	0	0	1	2	Not searched	Not searched
6.11 Surface water features within 250m of the study site	No	No	Yes	Not searched	Not searched	Not searched

Section 7: Flooding

7.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	No					
7.2 Are there any Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	No					
7.3 What is the Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site?	Very Low					
7.4 Are there any Flood Defences within 250m of the study site?	No					
7.5 Are there any areas benefiting from Flood Defences within 250m of the study site?	No					
7.6 Are there any areas used for Flood Storage within 250m of the study site?	No					
7.7 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Not Prone					
7.8 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Not Applicable					

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	3
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	0	0	0	0	2
8.7 Records of Local Nature Reserves (LNR)	0	0	0	1	0	0
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0
8.14 Records of Green Belt land	0	0	0	0	0	0

Section 9: Natural Hazards

9.1 What is the maximum risk of natural ground subsidence?

Moderate

9.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?

Moderate

9.1.2 What is the maximum Landslides hazard rating identified on the study site?

Very Low

9.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?

Negligible

9.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?

Negligible

9.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?

Very Low

9.1.6 What is the maximum Running Sand hazard rating identified on the study site?

Negligible

9.2 Radon

9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?

The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

No radon protective measures are necessary.

Section 10: Mining

10.1 Are there any coal mining areas within 75m of the study site?

No

10.2 Are there any Non-Coal Mining areas within 50m of the study site boundary?

No

10.3 Are there any brine affected areas within 75m of the study site?

No

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

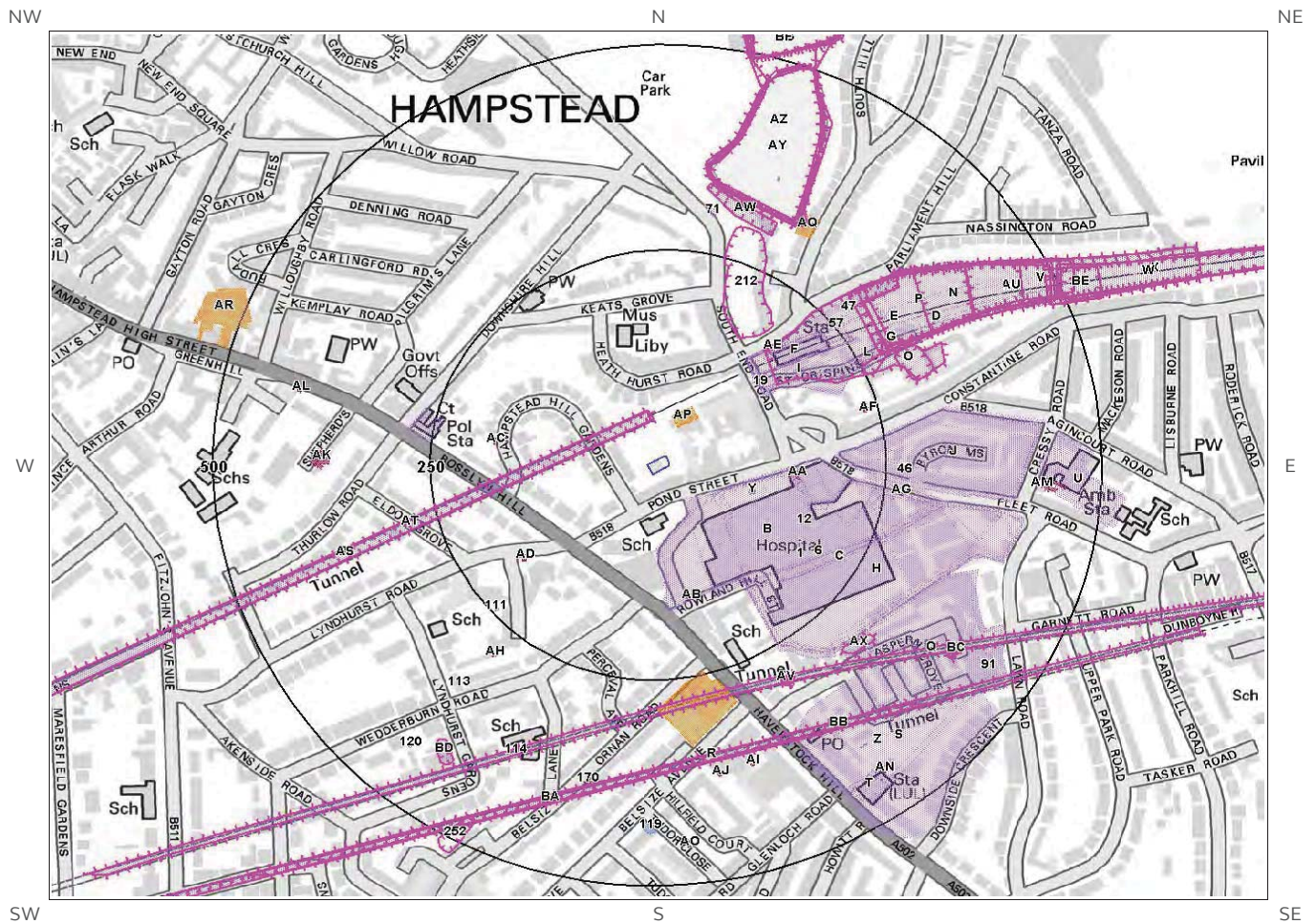
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 105

ID	Distance [m]	Direction	Use	Date
1	43	SE	Hospital	1996
2AS	46	NW	Tunnel	1965
3A	46	NW	Tunnel	1974
4A	46	NW	Tunnel	1996
5AT	46	NW	Tunnel	1958
6	49	SE	Hospital	1974
7B	60	SE	Hospital	1949
8B	60	SE	Hospital	1965
9B	60	SE	Hospital	1958
10B	61	SE	Hospital	1938
11B	61	SE	Hospital	1938
12	64	SE	Hospital	1920
13C	71	SE	Fever Hospital	1911
14C	71	SE	Fever Hospital	1894
15E	134	NE	Railway Sidings	1938
16D	135	NE	Railway Sidings	1949
17D	136	NE	Railway Sidings	1958
18G	136	NE	Railway Sidings	1894
19	137	NE	Railway Building	1894
20E	138	NE	Railway Sidings	1965
21F	138	NE	Railway Station	1911
22F	138	NE	Railway Station	1873
23F	139	NE	Railway Station	1894
24G	139	NE	Railway Sidings	1938
25F	140	NE	Railway Station	1949
26F	140	NE	Railway Station	1965
27F	140	NE	Railway Station	1958
28F	141	NE	Railway Station	1938
29F	141	NE	Railway Station	1938
30E	141	NE	Railway Sidings	1920
31F	145	NE	Railway Sidings	1920
32E	155	NE	Cuttings	1873
33H	166	SE	Fever Hospital	1938
34H	171	SE	Fever Hospital	1920

35H	171	SE	Fever Hospital	1949
36H	171	SE	Hospital	1958
37F	174	NE	Railway Station	1974
38F	174	NE	Railway Station	1996
39I	175	NE	Railway Building	1949
40H	176	SE	Fever Hospital	1938
41H	177	SE	Hospital	1965
42I	182	NE	Railway Building	1920
43J	190	E	Tramway Depot	1938
44J	191	E	Tramway Depot	1938
45J	194	E	Tramway Depot	1920
46	227	E	Nursery	1873
47	228	NE	Railway Building	1938
48K	238	W	Police Station	1958
49L	239	NE	Railway Building	1938
50K	239	W	Police Station	1996
51K	239	W	Police Station	1974
52K	239	W	Police Station	1965
53J	241	E	Tramway Depot	1949
54J	241	E	Unspecified Depot	1958
55L	241	NE	Railway Building	1965
56L	241	NE	Railway Building	1894
57	242	NE	Railway Building	1958
58L	245	NE	Railway Building	1920
59O	250	NE	Unspecified Ground Workings	1911
60M	274	S	Tunnel	1996
61M	274	S	Tunnel	1974
62M	274	S	Tunnel	1965
63M	274	S	Tunnel	1958
64N	276	NE	Cuttings	1949
65P	286	NE	Cuttings	1920
66N	287	NE	Cuttings	1958
67AU	288	NE	Cuttings	1965
68O	290	NE	Unspecified Heap	1894
69P	293	NE	Cuttings	1894
70AW	294	NE	Unspecified Ground Workings	1965
71	296	N	Unspecified Tank	1894
72Q	298	SE	Nursery	1938
73Q	298	SE	Nursery	1920
74E	298	NE	Railway Building	1938
75AX	298	SE	Unspecified Ground Workings	1949
76E	299	NE	Railway Building	1949
77D	326	NE	Railway Building	1938
78D	333	NE	Railway Building	1920

79S	333	SE	Nursery	1958
80V	341	NE	Cuttings	1974
81BA	345	S	Tunnel	1866
82R	345	S	Tunnel	1958
83R	345	S	Tunnel	1974
84R	345	S	Tunnel	1996
85R	345	S	Tunnel	1965
86BB	368	SE	Unspecified Shaft	1866
87Z	373	SE	Nursery	1920
88S	380	SE	Nursery	1894
89BD	402	SW	Unspecified Pit	1866
90U	423	E	Unspecified Works	1958
91	425	SE	Nursery	1938
92T	439	SE	Unspecified Station	1920
93T	442	SE	London Transport Station	1965
94T	442	SE	Unspecified Station	1958
95T	442	SE	London Transport Station	1996
96T	442	SE	London Transport Station	1974
97T	445	SE	Unspecified Station	1949
98U	446	E	Laundry	1920
99U	453	E	Laundry	1938
100V	454	NE	Cuttings	1920
101W	482	NE	Cuttings	1920
102W	491	NE	Cuttings	1938
103BE	493	NE	Cuttings	1894
104X	494	NE	Cuttings	1879
105X	494	NE	Cuttings	1869

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

15

ID	Distance (m)	Direction	Use	Date
106Y	97	E	Unspecified Tank	1985
107Y	97	E	Unspecified Tank	1989
108Y	97	E	Unspecified Tank	1991
109Y	97	E	Unspecified Tank	1991
110Y	98	E	Unspecified Tank	1974
111	242	SW	Unspecified Tank	1896
112M	312	S	Unspecified Tank	1871
113	339	SW	Unspecified Tank	1870

114	370	SW	Unspecified Tank	1935
115Z	407	SE	Tanks	1953
116Z	407	SE	Tanks	1965
117Z	407	SE	Tanks	1953
118Z	407	SE	Tanks	1966
119	422	S	Unspecified Tank	1871
120	430	SW	Unspecified Tank	1871

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

69

ID	Distance (m)	Direction	Use	Date
121AA	143	E	Electricity Substation	1974
122AA	143	E	Electricity Substation	1953
123AA	143	E	Electricity Substation	1953
124AA	144	E	Electricity Substation	1989
125AA	144	E	Electricity Substation	1985
126AA	144	E	Electricity Substation	1991
127AA	144	E	Electricity Substation	1991
128AB	155	S	Electricity Substation	1985
129AB	155	S	Electricity Substation	1989
130AB	155	S	Electricity Substation	1991
131AB	155	S	Electricity Substation	1991
132AB	155	S	Electricity Substation	1974
133AB	155	S	Electricity Substation	1953
134AB	155	S	Electricity Substation	1953
135AC	174	W	Electricity Substation	1991
136AC	174	W	Electricity Substation	1973
137AC	174	W	Electricity Substation	1991
138AD	175	SW	Electricity Substation	1977
139AD	175	SW	Electricity Substation	1972
140AE	177	NE	Electricity Substation	1985
141AE	177	NE	Electricity Substation	1991
142AE	177	NE	Electricity Substation	1986
143AD	177	SW	Electricity Substation	1991
144AD	177	SW	Electricity Substation	1996
145AF	233	E	Electricity Substation	1972
146AF	234	E	Electricity Substation	1985
147AF	234	E	Electricity Substation	1991
148AF	234	E	Electricity Substation	1974

149AG	267	E	Electricity Substation	1989
150AG	267	E	Electricity Substation	1985
151AG	267	E	Electricity Substation	1991
152AG	267	E	Electricity Substation	1991
153AG	267	E	Electricity Substation	1953
154AH	281	SW	Electricity Substation	1953
155AH	282	SW	Electricity Substation	1953
156AK	366	W	Electricity Substation	1953
157AI	367	S	Electricity Substation	1985
158AI	368	S	Electricity Substation	1991
159AI	368	S	Electricity Substation	1991
160AI	368	S	Electricity Substation	1989
161AI	368	S	Electricity Substation	1953
162AI	368	S	Electricity Substation	1974
163AI	368	S	Electricity Substation	1985
164AJ	369	S	Electricity Substation	1991
165AJ	369	S	Electricity Substation	1991
166AJ	369	S	Electricity Substation	1989
167AJ	369	S	Electricity Substation	1974
168AJ	370	S	Electricity Substation	1953
169AK	370	W	Electricity Substation	1974
170	376	S	Electricity Substation	1991
171AL	408	W	Electricity Substation	1952
172AL	408	W	Electricity Substation	1993
173AM	425	E	Electricity Substation	1974
174AM	435	E	Electricity Substation	1952
175AM	436	E	Electricity Substation	1981
176AM	436	E	Electricity Substation	1991
177AM	440	E	Electricity Substation	1953
178AM	440	E	Electricity Substation	1985
179AM	440	E	Electricity Substation	1991
180AN	444	SE	Electricity Substation	1991
181AN	444	SE	Electricity Substation	1989
182AN	444	SE	Electricity Substation	1974
183AN	444	SE	Electricity Substation	1974
184AN	444	SE	Electricity Substation	1991
185AO	449	S	Electricity Substation	1985
186AO	449	S	Electricity Substation	1991
187AO	449	S	Electricity Substation	1989
188AO	449	S	Electricity Substation	
189AO	449	S	Electricity Substation	

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary:

0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary:

17

ID	Distance (m)	Direction	Use	Date
190AP	37	N	Garage	1996
191AP	38	N	Garage	1953
192AP	38	N	Garage	1965
193AP	38	N	Garage	1972
194AP	38	N	Garage	1952
195AP	38	N	Garage	1952
196AP	38	N	Garage	1985
197AP	38	N	Garage	1991
198M	245	S	Garage	1953
199M	245	S	Garage	1965
200M	246	S	Garage	1966
201M	246	S	Garage	1953
202AQ	309	NE	Garages	1952
203AQ	309	NE	Garages	1952
204AQ	310	NE	Garages	1953
205AR	488	W	Garage	1953
206AR	488	W	Garage	1953

1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site:

56

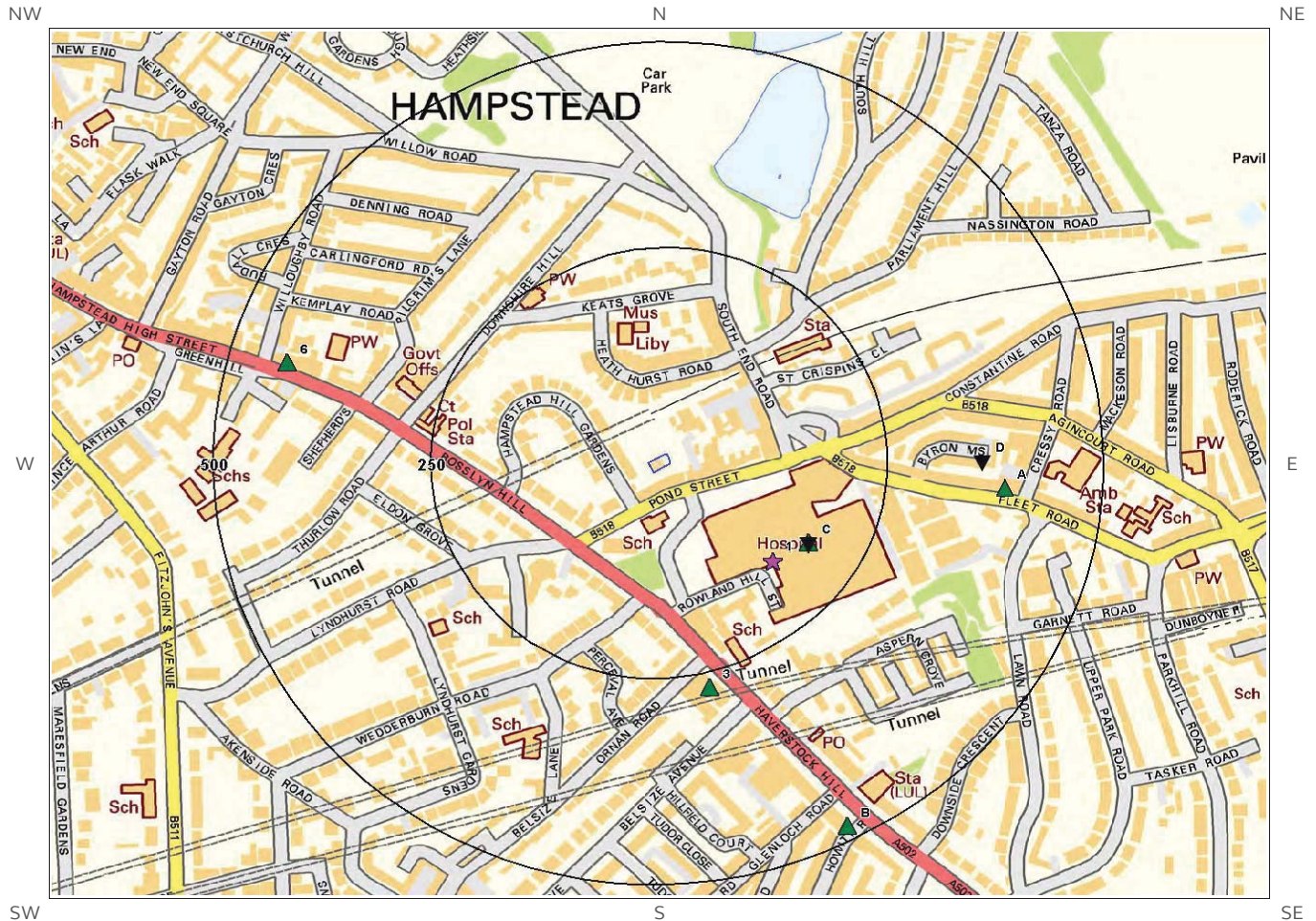
The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
207A	46	NW	Tunnel	1974
208AS	46	NW	Tunnel	1965
209A	46	NW	Tunnel	1996
210AT	46	NW	Tunnel	1958
211P	155	NE	Cuttings	1873
212	167	NE	Pond	1873

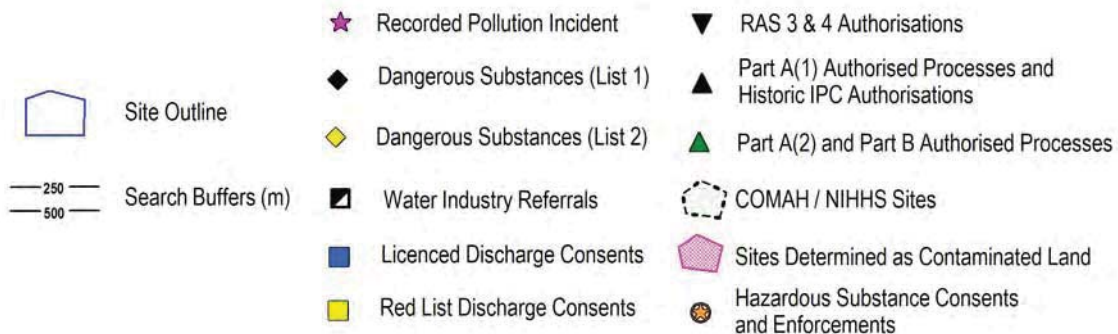
213O	250	NE	Unspecified Ground Workings	1911
214M	274	S	Tunnel	1965
215M	274	S	Tunnel	1974
216M	274	S	Tunnel	1996
217M	274	S	Tunnel	1958
218N	276	NE	Cuttings	1949
219P	286	NE	Cuttings	1920
220N	287	NE	Cuttings	1958
221AV	288	SE	Air Shaft	1949
222AU	288	NE	Cuttings	1965
223AV	289	SE	Air Shaft	1938
224AV	290	SE	Air Shaft	1920
225O	290	NE	Unspecified Heap	1894
226AV	293	SE	Air Shaft	1938
227P	293	NE	Cuttings	1894
228AW	294	NE	Unspecified Ground Workings	1965
229AX	298	SE	Unspecified Ground Workings	1949
230AY	316	NE	Ponds	1938
231AY	316	NE	Ponds	1873
232AY	317	NE	Pond	1938
233AZ	317	NE	Ponds	1974
234AZ	317	NE	Ponds	1996
235AZ	317	NE	Ponds	1965
236AZ	317	NE	Ponds	1949
237AZ	317	NE	Ponds	1958
238AZ	318	NE	Reservoirs	1894
239AY	322	NE	Ponds	1911
240V	341	NE	Cuttings	1974
241BA	345	S	Tunnel	1866
242R	345	S	Tunnel	1974
243R	345	S	Tunnel	1965
244R	345	S	Tunnel	1996
245R	345	S	Tunnel	1958
246BB	368	SE	Unspecified Shaft	1866
247Q	395	SE	Air Shaft	1938
248BC	395	SE	Air Shaft	1920
249BC	395	SE	Air Shaft	1938
250BD	402	SW	Unspecified Pit	1866
251V	454	NE	Cuttings	1920
252	468	SW	Pond	1866
253W	482	NE	Cuttings	1920
254W	491	NE	Cuttings	1938
255BE	493	NE	Cuttings	1894
256BF	494	N	Ponds	1911

257X	494	NE	Cuttings	1869
258X	494	NE	Cuttings	1879
259BF	494	N	Ponds	1920
260BG	495	N	Ponds	1938
261BG	495	N	Ponds	1938
262BF	496	N	Ponds	1873

2. Environmental Permits, Incidents and Registers Map



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2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

7

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
2C	187	SE	527300 185400	Address: Royal Free Hospital, Pond St, Hampstead, NW3 2QG Process: incineration & furnace process Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
3	270	S	527186 185224	Address: Belsize Park Service Station, 215 Haverstock Hill, London, NW3 4QE 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
4A	387	E	527527 185467	Address: Top Choice Dry Cleaners, 96 Fleet Road, NW3 2QX Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
5A	387	E	527527 185467	Address: Top Choice Dry Cleaners, 96 Fleet Road, NW3 2QX Process: Dry Cleaning Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
6	433	W	526700 185619	Address: Heath Dry Cleaners, 66 Rosslyn Hill, NW3 1ND Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
7B	485	SE	527345 185056	Address: Perkins Dry Cleaners, 171 Haverstock Hill, NW3 4QS Process: Dry Cleaning Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
8B	485	SE	527345 185056	Address: Perkins Dry Cleaners, 171 Haverstock Hill, NW3 4QS Process: Dry Cleaning Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

35

The following RAS Licence (3 or 4) records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
44C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital,pond Street,hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE8658	Date of Approval:11/7/1995 Effective from:11/7/1995 Last date of update:2015-01-01	Superseded By Variation
45C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:6/12/2004 Effective from:6/12/2004 Last date of update:2015-01-01	Superseded By Variation
46C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:13/7/2009 Effective from:13/7/2009 Last date of update:2015-01-01	Effective
47C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:12/7/1995 Effective from:9/8/1995 Last date of update:2015-01-01	Superseded By Variation
48C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital,pond Street,hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE8658	Date of Approval:22/11/2004 Effective from:22/11/2004 Last date of update:2015-01-01	Effective
49C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:31/3/1991 Effective from:31/3/1991 Last date of update:2015-01-01	Superseded By Variation
50C	187	SE	527300 185400	Anthony Nolan Trust (ant), Fleet Road, London, NW3 2QR	Anthony Nolan Trust (ant)	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BR6392	Date of Approval:14/7/2005 Effective from:14/7/2005 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
51C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9987	Date of Approval:21/6/1994 Effective from:25/6/1994 Last date of update:2015-01-01	Superseded By Variation
52C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:9/12/2005 Effective from:9/12/2005 Last date of update:2015-01-01	Superseded By Variation
53C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:25/10/1996 Effective from:28/10/1996 Last date of update:2015-01-01	Superseded By Variation
54C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE8658	Date of Approval:29/4/2002 Effective from:29/4/2002 Last date of update:2015-01-01	Superseded By Variation
55C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9987	Date of Approval:20/7/2007 Effective from:17/8/2007 Last date of update:2015-01-01	Revoked/cancelled
56C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9987	Date of Approval:13/4/2006 Effective from:11/5/2006 Last date of update:2015-01-01	Superseded By Variation
57C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:9/9/2005 Effective from:9/9/2005 Last date of update:2015-01-01	Superseded By Variation
58C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AE8658	Date of Approval:25/7/2002 Effective from:25/7/2002 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
59C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5694	Date of Approval:14/2/2001 Effective from:12/3/2001 Last date of update:2015-01-01	Superseded By Variation
60C	187	SE	527300 185400	Anthony Nolan Trust (ant), Fleet Road, London, NW3 2QR	Anthony Nolan Trust (ant)	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BR6392	Date of Approval:2/10/2007 Effective from:2/10/2007 Last date of update:2015-01-01	Effective
61C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation
62C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5694	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation
63C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AR0403	Date of Approval:3/8/2005 Effective from:3/8/2005 Last date of update:2015-01-01	Effective
64C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5694	Date of Approval:3/8/2005 Effective from:31/8/2005 Last date of update:2015-01-01	Superseded By Variation
65C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9987	Date of Approval:12/5/2003 Effective from:9/6/2003 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
66C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5694	Date of Approval:5/1/2006 Effective from:5/1/2006 Last date of update:2015-01-01	Effective
67C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9987	Date of Approval:11/8/1997 Effective from:1/9/1997 Last date of update:2015-01-01	Superseded By Variation
68C	187	SE	527300 185400	Anthony Nolan Trust (ant), Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Anthony Nolan Trust (ant)	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5716	Date of Approval:14/2/2001 Effective from:12/3/2001 Last date of update:2015-01-01	Superseded By Variation
69C	187	SE	527300 185400	Polymasc Pharmaceuticals Plc, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Polymasc Pharmaceuticals Plc	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5678	Date of Approval:14/2/2001 Effective from:12/3/2001 Last date of update:2015-01-01	Revoked/cancelled
70C	187	SE	527300 185400	Anthony Nolan Trust (ant), Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Anthony Nolan Trust (ant)	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5716	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2015-01-01	Superseded By Variation
71C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital, pond Street, Hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AR0403	Date of Approval:27/10/1998 Effective from:27/10/1998 Last date of update:2015-01-01	Superseded By Variation
72C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:17/1/1996 Effective from:18/1/1996 Last date of update:2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
73C	187	SE	527300 185400	Anthony Nolan Trust (ant), Fleet Road, London, NW3 2QR	Anthony Nolan Trust (ant)	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BR6392	Date of Approval:29/4/2002 Effective from:29/4/2002 Last date of update:2015-01-01	Superseded By Variation
74C	187	SE	527300 185400	Royal Free Hampstead Nhs Trust, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Royal Free Hampstead Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB4095	Date of Approval:14/2/2001 Effective from:12/3/2001 Last date of update:2015-01-01	Superseded By Variation
75C	187	SE	527300 185400	Anthony Nolan Trust (ant), Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Anthony Nolan Trust (ant)	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5716	Date of Approval:14/7/2005 Effective from:11/8/2005 Last date of update:2015-01-01	Superseded By Variation
76C	187	SE	527300 185400	Anthony Nolan Trust (ant), Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG	Anthony Nolan Trust (ant)	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BJ5716	Date of Approval:2/10/2007 Effective from:30/10/2007 Last date of update:2015-01-01	Effective
77C	187	SE	527300 185400	Royal Free And University College Medical School Of University College London, Royal Free Hospital,pond Street,hampstead, London, NW3 2QG	Royal Free And University College Medical School Of University College London	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AR0403	Date of Approval:28/11/2001 Effective from:28/11/2001 Last date of update:2015-01-01	Superseded By Variation
78D	359	E	527500 185500	Polymasc Pharmaceuticals Plc, Anthony Nolan Building,royal Free Hospital Site,fleet Road Hampstead, London, NW3 2EZ	Polymasc Pharmaceuticals Plc	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AU4924	Date of Approval:20/2/1996 Effective from:20/2/1996 Last date of update:2015-01-01	Revoked/cancelled

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

0

Database searched and no data found.

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

0

Database searched and no data found.

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

1

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
1	167	SE	527258 185379	Incident Date: 13-Aug-2001 Incident Identification: 23810 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

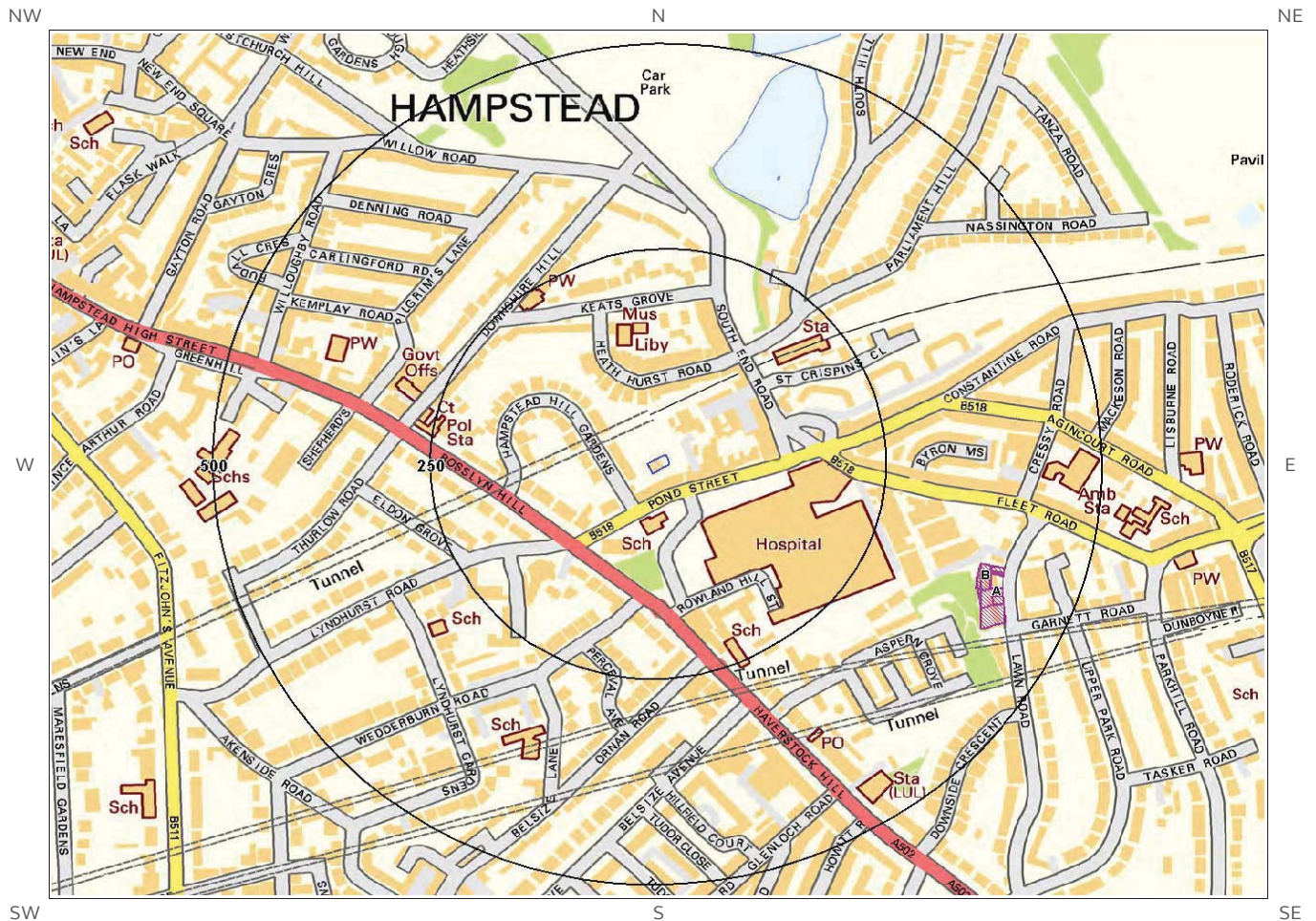
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

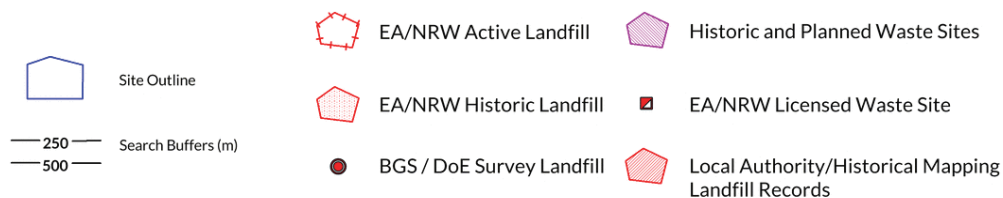
0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

1

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1248	SW	526000 184800	Site Address: Canfield Place, London NW6 Waste Licence: - Site Reference: DON009 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

4

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

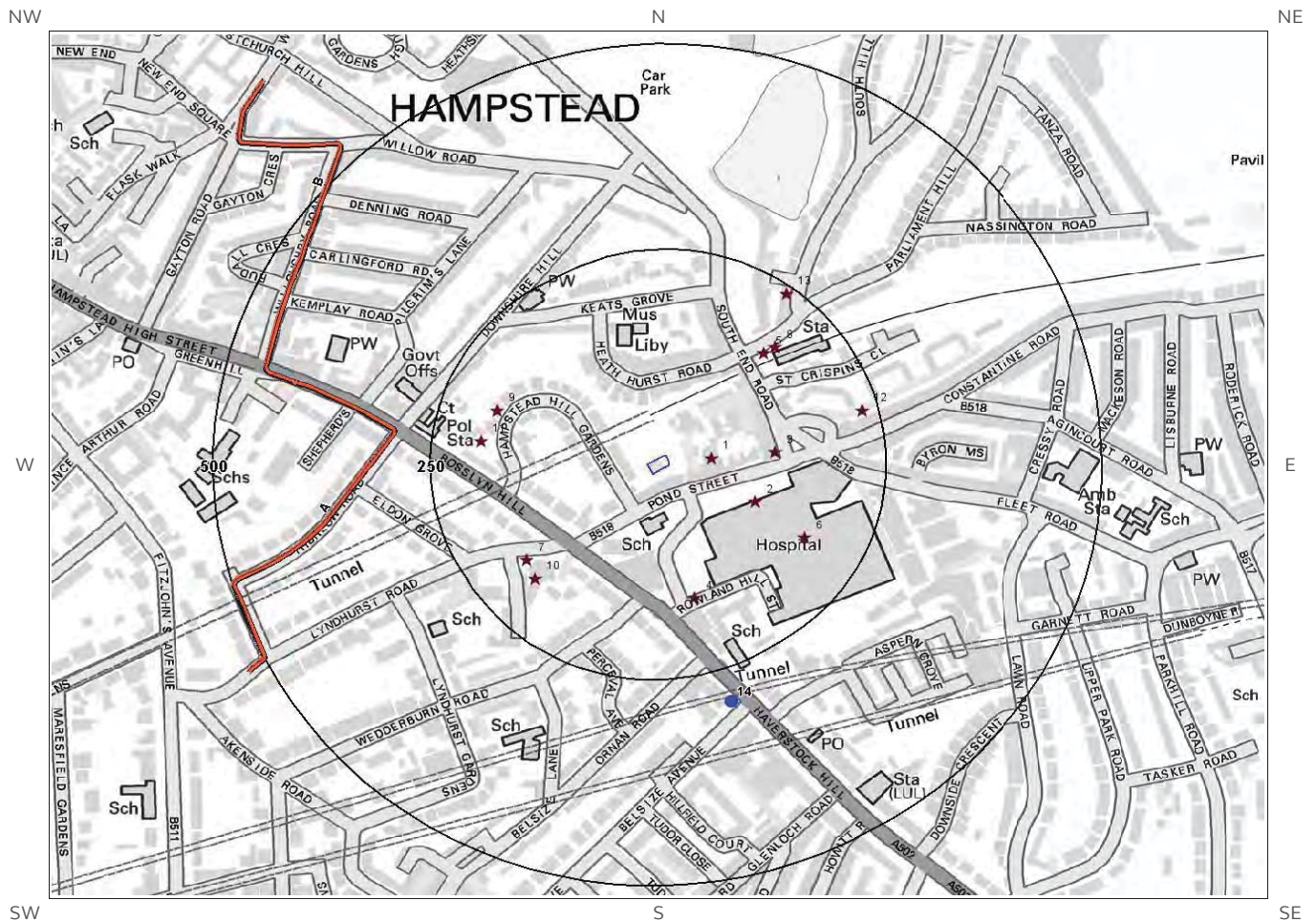
ID	Distance (m)	Direction	NGR	Details		
1B	379	E	527497 185350	Type of Site: Waste Rag Works Site Address: N/A	Planning Application Reference: N/A Date: 1953	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
2A	379	E	527515 185338	Type of Site: Waste Rag Works Site Address: N/A	Planning Application Reference: N/A Date: 1952	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
3A	379	E	527505 185350	Type of Site: Waste Rag Works Site Address: N/A	Planning Application Reference: N/A Date: 1952	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
4B	379	E	527504 185361	Type of Site: Waste Rag Works Site Address: N/A	Planning Application Reference: N/A Date: 1953	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

0

Database searched and no data found.

4. Current Land Use Map



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4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

13

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	50	E	Drill Hall	527190 185507	NW3	Armed Services	Central and Local Government
2	108	SE	Royal Free Hospital	527240 185454	Royal Free Hospital, Pond Street, London, NW3 2QG	Accident and Emergency Hospitals	Health Practitioners and Establishments
3	123	E	The Flooring Group Ltd	527262 185514	3-5, South End Road, London, NW3 2PT	Construction Completion Services	Construction Services
4	157	S	Electricity Sub Station	527170 185337	NW3	Electrical Features	Infrastructure and Facilities
5	168	NE	Hampstead Heath Rail Station	527250 185634	NW3	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
6	179	SE	Royal Free Hospital	527297 185410	Royal Free Hospital, Pond Street, London, NW3 2QG	Hospitals	Health Practitioners and Establishments
7	179	SW	Electricity Sub Station	526977 185383	NW3	Electrical Features	Infrastructure and Facilities
8	182	NE	Electricity Sub Station	527263 185642	NW3	Electrical Features	Infrastructure and Facilities
9	185	W	The Art Studio	526943 185565	5, Hampstead Hill Gardens, London, NW3 2PH	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
10	186	SW	Air Studios Lyndhurst Hall	526986 185360	Lyndhurst Hall, Lyndhurst Road, London, NW3 5NG	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
11	194	W	Electricity Sub Station	526924 185528	NW3	Electrical Features	Infrastructure and Facilities
12	231	E	Electricity Sub Station	527363 185565	NW3	Electrical Features	Infrastructure and Facilities
13	241	NE	Flat Pack Assembly	527276 185707	Flat 10, South Hill Park, London, NW3 2SB	Furniture	Consumer Products

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
14	290	S	527213 185211	BP	Belsize Park Service Station, 215, Haverstock Hill, Haverstock Hill, Belsize Park, London, Greater London, NW3 4QE	No	Open

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

8

The following Underground Electricity Transmission Cable records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details
15A	294	W	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
16A	295	W	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Make: - Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
17A	295	W	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Make: - Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -
18A	296	W	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
19B	413	W	Cable Set: - Cable Route: - Cable Make: - Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -
20B	417	W	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 1 Cable Make: - Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -

ID	Distance (m)	Direction	Details		
21B	417	W	Cable Set: - Cable Route: MILL HILL - ST JOHNS WOOD 2 Cable Make: -	Cable Type: DECOMMISSIONED Operating Voltage (kV): 275 Year of installation: - Cable in tunnel: -	
22B	420	W	Cable Set: - Cable Route: - Cable Make: -	Cable Type: PILOT Operating Voltage (kV): - Year of installation: - Cable in tunnel: -	

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.3 Bedrock and Solid Geology

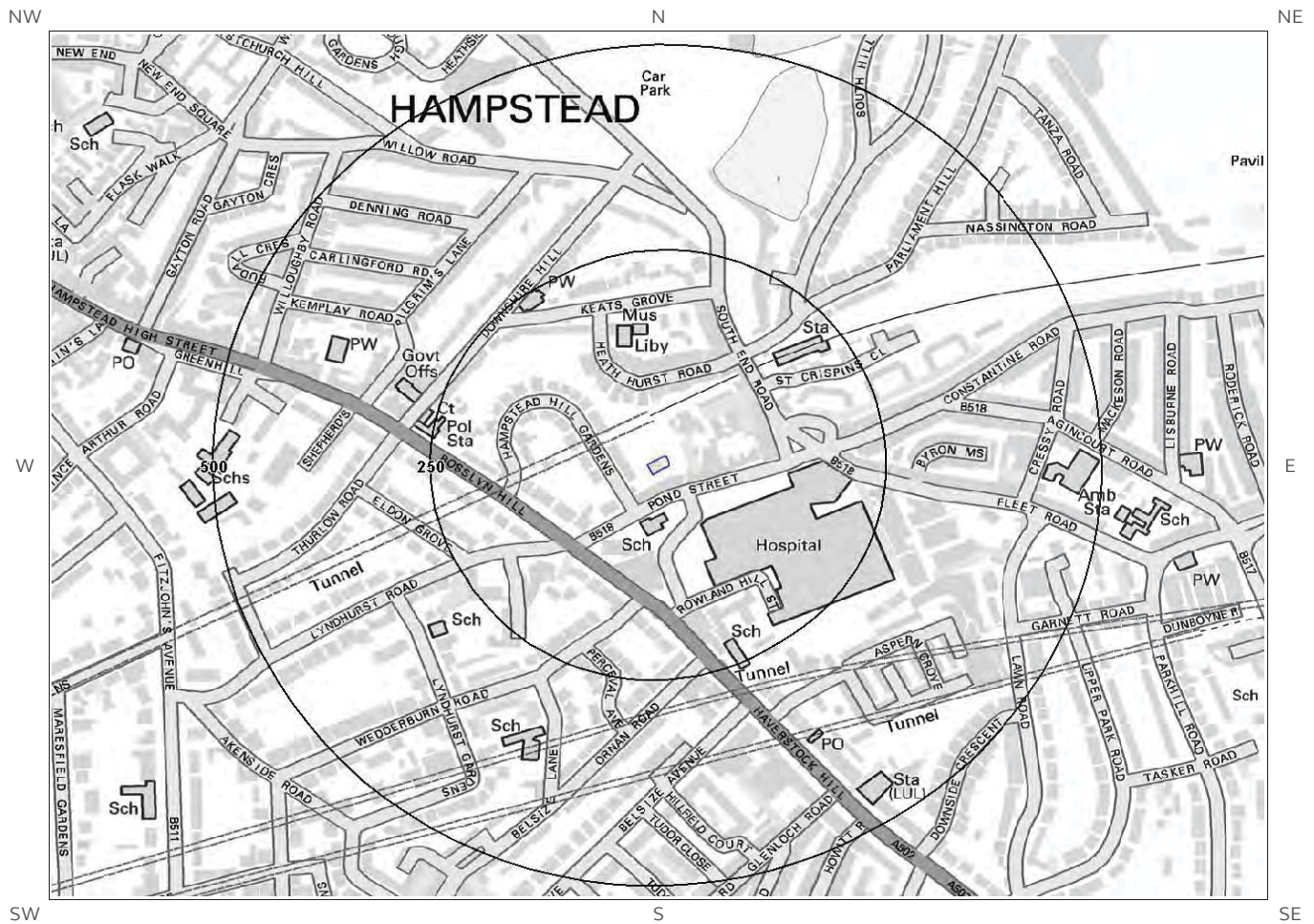
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LC-CLSISA	LONDON CLAY FORMATION	CLAY, SILT AND SAND

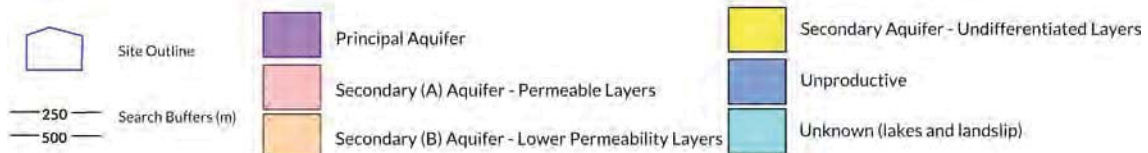
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

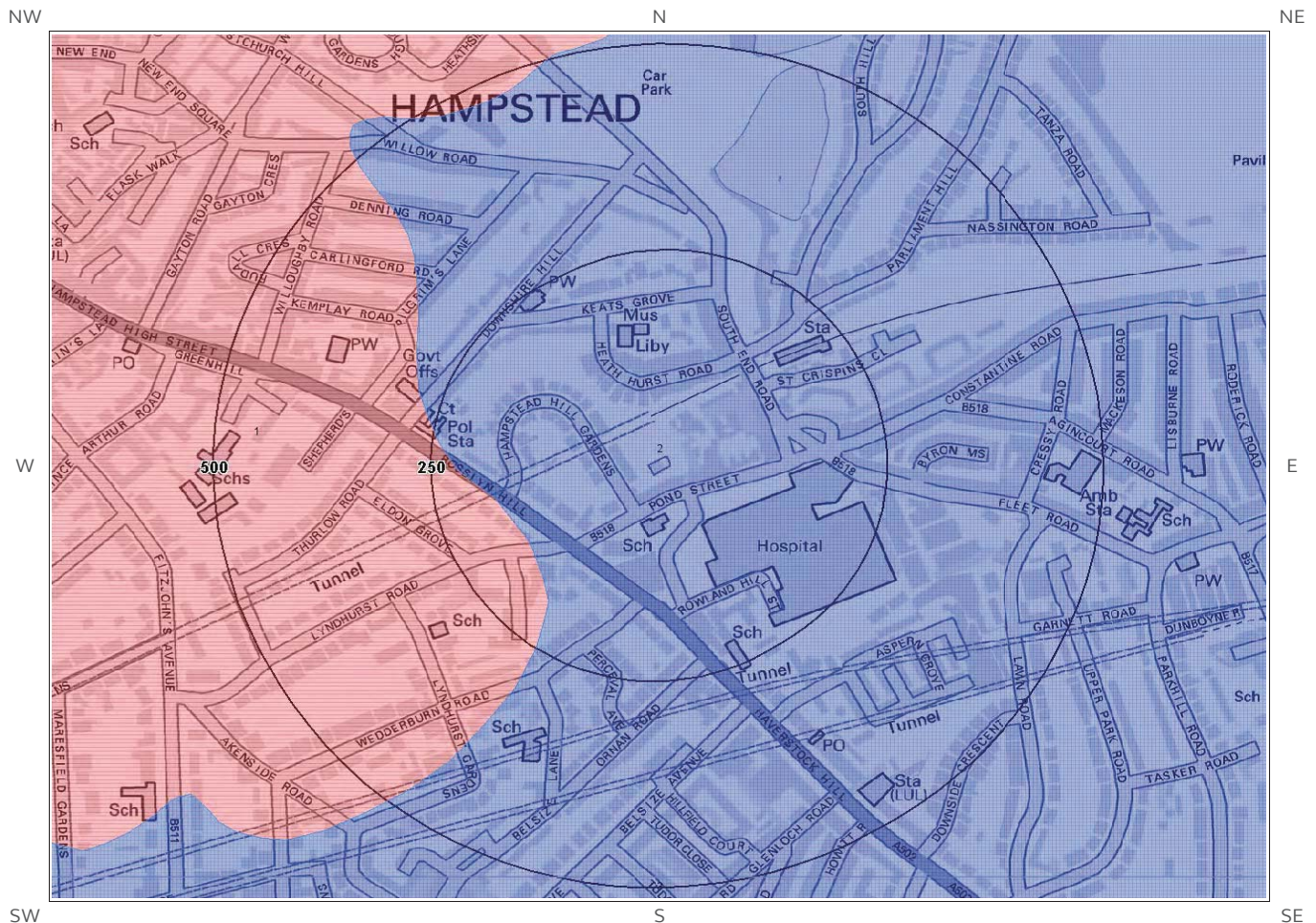
6a. Aquifer Within Superficial Geology



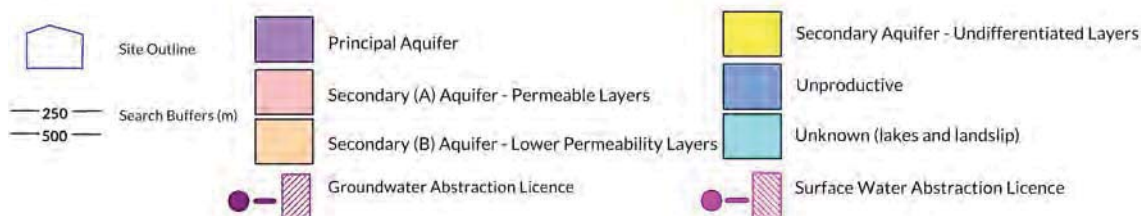
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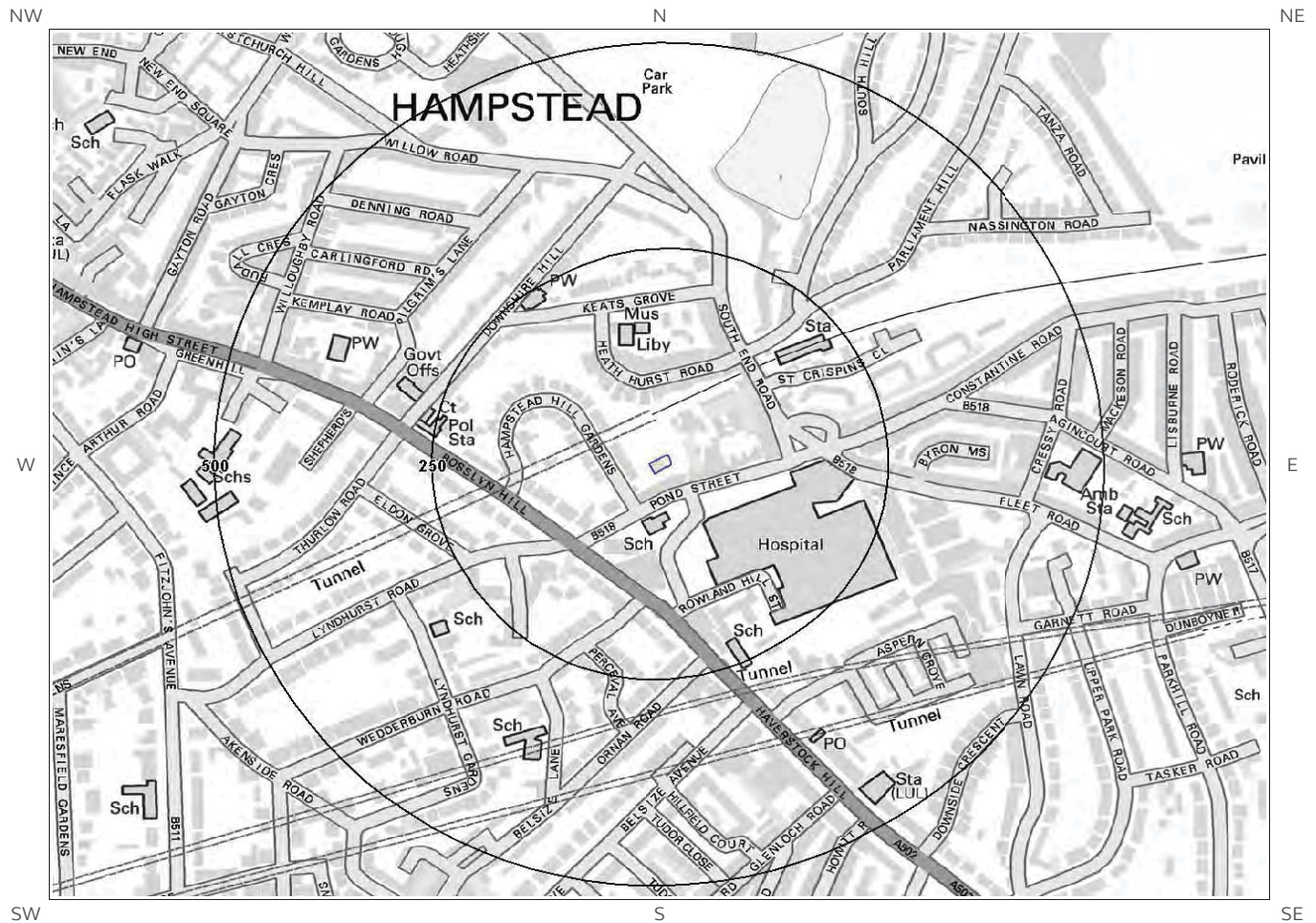
6b. Aquifer Within Bedrock Geology and Abstraction Licenses



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6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



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