



Our Ref: NG7020/WHI/JAW/M

Chkd: jawood

Date: 01 May 2008

Mr J Farrar  
Farrar Bamforth Associates Ltd  
51 Trinity Street  
HUDDERSFIELD  
HD1 4DN

Dear John

**Re: Whitehill Road West, Birkenshaw BD11 2DS for Conroy Homes**

**Introduction**

Conroy Brook (Developments) Limited wish to develop the above site for residential use. This Phase I Desk Top Study is required as part of PP23 requirements for Planning Approval.

**The Site**

The site lies to the south east of Bradford and to the south west of Leeds, and approximately midway between the two. The site is off the A58 Whitehall Road West.

**Sources of Information**

Information on the above site has been obtained from a full Envirocheck Report centred on the site, examination of all the currently available historic maps of the site, examination of the 1:50,000 geological survey map of the area, Mining Report and a walkover survey.

**Past Land Use**

Examination of the published Ordnance Survey maps of the area revealed the following:

Map		Features	
Year	Scale	On Site	Off Site
1854	1:10,560	The land is shown to be two greenfields, with one small building at the centre of the left hand field.	Sandstone quarry just south of the site, close to the boundary. Coalpit 50m to the west. Two shafts, three pits 150m north. Swinecliffe Colliery 200m south east. Numerous pits and collieries within 500m circle of the site
1893	1:2,500	Building is not shown on the map	Oakyard Colliery and ironstone 200m west. Sandstone quarry not denoted – quarry therefore probably inactive.
1894	1:10,560	As 1893	Birkenshaw Mill 250m east. Most of the pits are not now shown on the map, and presumably have closed down.

Residential • Industrial • Commercial • Retail • Leisure • Education & Health • Rail • Sewerage • Highways • Contaminated Land

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Map		Features	
Year	Scale	On Site	Off Site
1908	1:2,500 / 1:10,560	As 1893	Airshaft 300m north east. Quarry to south is now filled in.
1922	1:2,500	As 1893	As 1908
1938	1:2,500 / 1:10,560	Trees shown on the right hand field.	Swaincliffe Quarry still shown with shafts and tanks.
1955/56	1:2,500 / 1:10,560	As 1938	Quarry to the west now shown as Bluehill Farm. Engineering works 250m north east.
1957	1:2,500	As 1938	Oakroyd Hall at remote side of Whitehall Road West now shown as Ambulance HQ.
1963	1:10,560	Unchanged	Unchanged
1966	1:10,560	Unchanged	A great deal of development (housing) to the north and to the west of the site)
1969	1:1,250	Unchanged	Fire Service has replaced the Ambulance HQ. Housing development to south east. M62 motorway runs west/east south of the site.
1970	1:2,500	Unchanged	Unchanged
1976	1:10,000	Unchanged	Swincliffe Colliery no longer exists.
1984	1:10,000	Unchanged	Unchanged
1991	1:10,000	Unchanged	Heathfield Farm shown just south of site at location of the old quarry shown on the 1854 map and filled in on the 1908 map.
1993	1:1,250	Unchanged	Works shown 150m to the east.
2000	1:10,000	Unchanged	Unchanged

From the earliest map 1854 to the present day the site has remained as fields and undeveloped. Offsite there was a small quarry just south of the site for the extraction of sandstone. This was subsequently filled in by 1908. From previous work undertaken in the area by JNP Group, and the development of the site to the south, the sandstone quarry was found to have been filled with ash. This was subsequently removed and the quarry refilled with compacted layers using excavated shale from the construction of the industrial building. This small sandstone quarry does not, therefore, pose a risk to the site.

Offsite, there is very little within influencing distance of the site to have a significant affect on the site; however it is quite apparent that the area has been an important mining centre, and in particular on the earliest map of 1854 numerous small pits and a number of collieries are denoted. Many of these appear to have ceased functioning by the 1893 maps.

The maps run to the year 2000; however, the agency, hydrological and waste map does show some further development. To the north corner of the site a new detached dwelling has been constructed within the last few years, which is No 17 Whitehall Road West. Immediately to the east of the site a very large building was erected in 2006. The engineers on this building were JNP Group, and we do hold information on this area.

#### **Present Land Use/Walkover Survey/Trees**

A walkover survey of the site was carried out on the 30 April 2008 by JNP Group. The site is split into two parts, being the field/garden to a new property at no. 17 Whitehall Road West. The north-west boundary of this site is bounded by a stone wall on Whitehall Road West, to which there are three small trees. Running along the south-

west boundary is a fence separating the field from a recently constructed bed manufacturing company. The north-east boundary will be between this plot of land and the recently constructed dwelling. There is then a line of trees which mark the boundary between this first section of land and the section of land to the south-east. On this first section of land, the ground is vegetated by weeds and builders' rubble, possibly from the construction of the new dwelling. The land appears to form part of the curtilage of the new dwelling. The uneven nature of the land and the lack of vegetation in certain areas suggest that a layer of fill may have been spread over the site. There are also signs of fires where building rubble may have been burnt. The second parcel of land, which is slightly larger and square in shape, is bounded on the north-east boundary by properties and a short length of the north-west boundary by no. 17 Whitehall Road West. The south-east boundary abuts a footpath and is fenced. To the side of the footpath is open fields. The south-east boundary overlooks land to be developed for commercial or industrial use. This parcel of land is unkempt, having grass and weeds. Along the south-east boundary, there are approximately 12 trees, with a further boundary also having a number of mature trees. A turning head to the new road and a new sub-station have been constructed just off this boundary. The excavation to construct the sub-station is revealing weathered rock close to the surface, with approximately 3 to 500 mm of topsoil over. On the plot of land itself close to this boundary, there is a pile of concrete bricks and ash rubble, including scrap metal. There is no other indication of local contamination sources.

#### **Landfill**

There are no recorded, BGS recorded landfill sites or historic landfill sites within 500m of the property. However, from previous knowledge, it is known that the small sandstone quarry immediately south of the site was filled in 2006, and this does not contain any hazardous materials.

#### **Services**

These have not been examined as part of the Phase I report. Enquiries should be made to ensure that the site can be fully serviced and there are no restrictions or easements across the site which would impede the building of the proposed dwellings.

#### **Geology**

Examination of the published geological map of the area, Sheet 77, approximate grid reference (203,207), indicates the site to be Lower Coal Measures consisting of shales and mudstones. The underlying rocks appear to be Birstall Rock with the Brown Metal or Old hard coal seams outcropping close to the site. The mining report is slightly at variance to the above, stating that the site is on Middle Coal Measures.

#### **Mining**

A coal mining report for the site was obtained. There are no faults or abnormal features relevant to the property. Two seams of coal are recorded, being 70cm thick and 110cm thick seams at 84m and 136m depths respectively. Both these seams are over 30 years old. There is coal in reserve but no workings are currently planned. There are possibly unrecorded ancient shallow workings in the two yard seam.

#### **Radon**

The property is not in a Radon affected area as less than 1% of homes are above the action level. **No Radon** protection measures are necessary in the construction of new dwellings or extensions.

#### **Hydrology/Hydrogeology**

The nearest surface water feature is 58m south west of the site, although this has not been identified on the maps. It is assumed from previous investigations that this is a culverted water course which is used for highway drainage since the construction of the motorway. The land does fall naturally towards the south west.

The Environment Agency Groundwater Vulnerability map records bedrocks in this area to be a minor aquifer, but of good permeability in terms of groundwater abstraction and usage. These can be fractured or potentially fractured rocks, which do not have a high permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flows to rivers. There are no discharge consents within 500m with the nearest being 650m south east. There are no water abstraction licences in the area, with the nearest being 1,553m south of the site.

#### **Pollution Incidents**

There are no pollution incidents recorded on the site, and there are four within 250m. These range from 100m to 194m and are all Category 3 Minor Incidents. None of these incidents are significant to the development of the site.

#### **Flood Risk**

The site is **not** in an area prone to flooding from rivers or seas.

#### **Sensitive Land Use**

The site is within a nitrate vulnerable zone. This would only be applicable to agricultural usage of the site. The area is not an adopted Greenbelt; however, an adopted Greenbelt lies approximately 107m to the west.

#### **Site Investigation**

No intrusive investigations have been undertaken at this stage. However, the walkover survey revealed that a recent cutting on the south boundary indicated that the ground is likely to be weathered rock.

#### **Summary**

The desktop study has highlighted no on-site sources of contamination. Off site, there are no historic landfill sites within 500m of the site, and no off site activities which are likely to have a detrimental affect on the site.

### **UK LEGISLATION ON CONTAMINATED LAND**

Part IIA of the Environmental Protection Act, 1990 was introduced on 1 April 2000. It created a new statutory regime for the identification and remediation of land where contamination poses an unacceptable risk to human health and the environment.

Part IIA provides a statutory definition of contaminated land:

*"any land which appears to the Local Authority in whose area it is situated to be in such a condition by reason of substances in, on or under the land, that significant harm is being caused, or that there is a significant possibility of significant harm being caused, or that pollution of controlled waters is being or is likely to be caused".*

To determine whether land falls under the Part IIA definition of contaminated land the site should be evaluated in the context of a risk based framework. The assessment of contaminated land is typically a two-phase process which is initially based on a qualitative assessment of the likelihood of complete pollution linkages, with a quantitative element which seeks to determine the degree and the significance of the harm.

Land is only defined as 'Contaminated Land' if there is a "significant pollutant linkage" present.

A pollutant linkage must comprise the following:

**Source** - a contaminant at a concentration capable of causing adverse health or environmental effects.

**Receptor** - there must be a human or environmental receptor present, which may be at risk of harm or impact from the source.

**Pathway** - there must be an exposure pathway through which the receptor comes into contact with the contamination source.

## **QUALITATIVE RISK ASSESSMENT**

### **Source**

The historical maps (1854 – present) indicate that the site has remained undeveloped and open fields as far back as the earliest map of 1854 to the present day. A walkover survey undertaken by JNP Group identified no potential sources of contamination. There may be some localised tipping on the left hand field, being the leftover material and possibly excavated material from the construction of the detached dwelling. No source has therefore been identified to complete the pollution linkage. However, site investigations will be undertaken for the design of foundations and any odours or warning signs should be reported and investigated with contamination screening if found.

### **Pathways**

Potential contaminant migration pathways considered relevant to the site are:

- Human Health – Direct physical contact with near surface soils by construction workers and site end users. This may be through ingestion of soils, dermal contact with soils and inhalation of dust.
- Pore Water – Vertical and lateral migration of contaminants in near surface soils leaching to underlying groundwater and surface water. The site slopes naturally to the south west towards a culvert on the remote side of Whitehall Road West. This would provide a natural pathway for migration of the soils to this water course and further afield.

### **Receptors**

The receptors considered to be potentially impacted by contamination are as follows:-

#### **Human Health**

The site is proposed to be used as residential, therefore occupants and workers on site, including construction workers, are a potential receptor. Residential children between six months and six years olds, have been identified as the critically sensitive receptor, in accordance with the Contaminated Land Exposure Assessment (CLEA) Guidelines (DEFRA & ER 2002). Human Health receptors will be prevented from contacting near-surface soils by the presence of hardstandings, buildings and the provision of clean topsoil to landscaped areas, should contamination be found. Construction workers may be protected by suitable protective clothing.

### **Risk**

The risk of contamination on the site from previous uses is **very low**. Should further site investigations reveal any filled ground or potential hotspots of contamination, then these should be investigated further. No pollution linkage exists as the source will have been eliminated.

### **Recommendations**

1. Trial pits will be required to determine the near surface soils for geological information for the design of foundations.

2. Open core drilling to the depth of 30m will be required to determine if there are any shallow coal seams on the site.

### **Conclusions**

The Phase I report has not highlighted any factors that would prevent the development of the site. Further site investigations are proposed prior to the design of foundations, and any potential contaminated ground would then be further investigated. However, the risk remains very low.

Yours faithfully

John A. Wood

**Enquiries have been made with the Coal Authority with regards to the discrepancy in geology described between the mining report and the geological map.**

## Envirocheck<sup>®</sup> Report: Datasheet

### Order Details:

**Order Number:**

25128119\_1\_1

**Customer Reference:**

NG7020/WHI

**National Grid Reference:**

420240, 427700

**Slice:**

A

**Site Area (Ha):**

0.69

**Search Buffer (m):**

1000

### Site Details:

15 Whitehall Road West

Birkenshaw

BRADFORD

West Yorkshire

BD11 2LS

### Client Details:

MR N Taylor

JNP Group

Woodvale House

Woodvale Road

Brighouse

West Yorkshire

HD6 4AB

<b>Report Section</b>	<b>Page Number</b>
<b>Summary</b>	-
<b>Agency &amp; Hydrological</b>	<b>1</b>
<b>Waste</b>	<b>6</b>
<b>Hazardous Substances</b>	-
<b>Geological</b>	<b>7</b>
<b>Industrial Land Use</b>	<b>9</b>
<b>Sensitive Land Use</b>	<b>11</b>
<b>Data Currency</b>	<b>12</b>
<b>Data Suppliers</b>	<b>16</b>
<b>Useful Contacts</b>	<b>17</b>

#### **Introduction**

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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#### **Report Version v31.0**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				7
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2		Yes		
Pollution Incidents to Controlled Waters	pg 2		4	3	4
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				(*3)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 5	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
<b>Waste</b>					
BGS Recorded Landfill Sites	pg 6				1
Historical Landfill Sites	pg 6				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 6				1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS Recorded Mineral Sites					
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 7	Yes	n/a	n/a	n/a
Mining Instability	pg 7	Yes	n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards		Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 8	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards	pg 8	Yes	Yes	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 9		5	2	10
Fuel Station Entries	pg 10			1	

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Areas of Adopted Green Belt	pg 11		1		
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 11	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd            Property Type: Sewerage Network - Sewers - Water Company            Location: Oxford Road Cso Oxford Road, Birkenshaw, Bradford, West Yorkshire            Authority: Environment Agency, North East Region            Catchment Area: Calder            Reference: Ywucd2/8            Permit Version: 1            Effective Date: 12th November 1997            Issued Date: 12th November 1997            Revocation Date: Not Supplied            Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company            Discharge: Freshwater Stream/River            Environment:            Receiving Water: Tributary Of Nutter Beck  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>            Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	654	1	420528 427037
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd            Property Type: Undefined Or Other            Location: Whitehall Road Sso, Birkenshaw, Nr Bradford, West Yorkshire            Authority: Environment Agency, North East Region            Catchment Area: Aire            Reference: Ywucd2/9            Permit Version: 1            Effective Date: 12th November 1997            Issued Date: 12th November 1997            Revocation Date: 25th April 2005            Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company            Discharge: Freshwater Stream/River            Environment:            Receiving Water: Wormalds Drain  <b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	750	1	420867 428173
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd            Property Type: Sewerage Network - Sewers - Water Company            Location: Old Lane No 2 Cso Whitehall Road East, Birkenshaw, Bradford, West Yorkshire            Authority: Environment Agency, North East Region            Catchment Area: Calder            Reference: Wra8488            Permit Version: 1            Effective Date: 31st March 2005            Issued Date: 16th March 2005            Revocation Date: Not Supplied            Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company            Discharge: Freshwater Stream/River            Environment:            Receiving Water: Wormalds Drain  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	752	1	420880 428160
3	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd            Property Type: Undefined Or Other            Location: Hunsworth - Drub Lane, Cleckheaton, Kirklees, West Yorkshire            Authority: Environment Agency, North East Region            Catchment Area: Wharfe            Reference: Wra8669            Permit Version: 1            Effective Date: 1st April 2005            Issued Date: 11th March 2005            Revocation Date: Not Supplied            Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company            Discharge: Freshwater Stream/River            Environment:            Receiving Water: Tributary Of Nann Hall Beck  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>            Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	804	1	420038 426862

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
3	<b>Discharge Consents</b> Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Hunsworth - Drub Lane, Cleckheaton, Kirklees, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: Ywucd2/22 Permit Version: 1 Effective Date: 12th November 1997 Issued Date: 12th November 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Spen <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A8SW (S)	819	1	420035 426847
4	<b>Discharge Consents</b> Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers - Water Company Location: East Bierley Cso, Birkenshaw, Bradford, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: 1503 Permit Version: 2 Effective Date: 31st March 2004 Issued Date: 9th March 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Lodge Beck <b>Status:</b> <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A23SW (N)	976	1	420150 428730
4	<b>Discharge Consents</b> Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers - Water Company Location: East Bierley Cso, Birkenshaw, Bradford, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: 1503 Permit Version: 1 Effective Date: 2nd January 1963 Issued Date: 2nd January 1963 Revocation Date: 30th March 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Lodge Beck <b>Status:</b> <b>Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 10m	A23SW (N)	976	1	420150 428730
5	<b>Local Authority Pollution Prevention and Controls</b> Name: Whitehall Filling Station Location: Whitehall Road East, Birkenshaw, Bradford, West Yorkshire, BD11 2EJ Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 123 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station <b>Status:</b> <b>Permitted</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	308	2	420513 427905
	<b>Nearest Surface Water Feature</b>	A13SW (S)	58	-	420209 427604
6	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Todmorden/Source Calder Afu Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th August 1989 Incident Reference: 102606 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	100	1	420400 427700

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
7	<b>Pollution Incidents to Controlled Waters</b> Property Type: Abandoned mine Location: Tributary Of River Spen Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Other Note: No Fish Killed Incident Date: 18th April 1996 Incident Reference: SL960421 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	140	1	420200 427895
7	<b>Pollution Incidents to Controlled Waters</b> Property Type: Abandoned mine Location: Tributary Of River Spen Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Other Note: Pollution Found; No Fish Killed Incident Date: 18th April 1996 Incident Reference: SL960421 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	145	1	420200 427900
8	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 9th August 1990 Incident Reference: 113567 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	194	1	420400 427500
9	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: New Mill Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 22nd May 1989 Incident Reference: 9140 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	349	1	420600 427500
9	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Bridge On A643, /Scotia Beck Batley Beck 09 Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 22nd May 1989 Incident Reference: 9171 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	351	1	420600 427495
10	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Swincliffe Crescent Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 23rd February 1989 Incident Reference: 8628 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	454	1	420300 428200

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
11	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Swincliffe Crescent Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 24th April 1989 Incident Reference: 8956 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	549	1	420700 427300
12	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Foul Sewer Location: Scotia Beck/Source Batley Beck Afu Authority: Environment Agency, North East Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 26th March 1990 Incident Reference: 109074 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	799	1	420500 428500
13	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Nam Hall Beck, HUNSWORTH Authority: Environment Agency, North East Region Pollutant: Not Given Note: Fish Killed: No Information Incident Date: 1st April 1997 Incident Reference: SL970393 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	834	1	419350 427600
14	<b>Pollution Incidents to Controlled Waters</b> Property Type: Fire Water Location: Spen Beck, CLECKHEATON Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: No Fish Killed Incident Date: 14th February 1997 Incident Reference: SL970173 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	943	1	420700 426800
	<b>Water Abstractions</b> Operator: Gomersal Mills Ltd Licence Number: 2/27/13/001 Permit Version: 101 Location: Boreholes X 2 - Coal Measures Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Gomersal Mills, Nr. Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1553	1	420500 426100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Gomersal Mills Ltd Licence Number: 2/27/13/001 Permit Version: 100 Location: Boreholes X 2 Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1364 Yearly Rate (m3): 350000 Details: Gomersal Mills, Nr. Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th February 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1553	1	420500 426100
	<b>Water Abstractions</b> Operator: Kirklees Metropolitan Council Licence Number: 2/27/13/153 Permit Version: 100 Location: Nova Beck Authority: Environment Agency, North East Region Abstraction: Holiday Sites, Camp Sites & Tourist Attractions: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 36 Yearly Rate (m3): 9500 Details: Oakwell Hall, Country Park, Birstall, Near Batley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th April 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1740	1	421980 427220
	<b>Groundwater Vulnerability</b> Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13SW (SW)	0	1	420168 427651
	<b>Drift Deposits</b> None				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
15	<b>BGS Recorded Landfill Sites</b> Site Name: off Hunsworth Lane East Location: Bierly, BRADFORD, West Yorkshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A17SW (NW)	795	3	419540 428216
16	<b>Historical Landfill Sites</b> Licence Holder: C T Light and Sons Location: Bierly, Bradford, West Yorkshire Name: Off Hunsworth Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04156 First Input Date: 31st December 1967 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste, and Liquid Sludge EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2989 Other Ref: 4700/1009, 4700/0090	A17SW (NW)	797	1	419541 428220
17	<b>Historical Landfill Sites</b> Licence Holder: J W Crowther and Son Location: Hunsworth Lane, Hunsworth, Cleckheaton Name: Land off Hunsworth Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD35064 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A12SW (W)	833	1	419350 427607
	<b>Local Authority Landfill Coverage</b> Name: Kirklees Metropolitan Borough Council - Has not been able to supply Landfill data		0	10	421470 428465
18	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: Johns Radio Licence Reference: 1108 Site Location: 84 Whitehall Road East, Birkenshaw, BRADFORD, West Yorkshire, BD11 2ER Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st February 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Electronic Scrap Max.Storage In Licence Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A14NW (NE)	524	1	420700 428020

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lower Westphalian (mainly Productive Coal Measures)	(N)	0	3	422254 435467
	<b>Coal Mining Affected Areas</b> Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	(N)	0	4	424000 437000
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	(NE)	0	-	422000 430500
	<b>Potential for Collapsible Ground Stability Hazards</b> No Hazard				
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	3	420000 427697
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	173	3	420000 427697
	<b>Potential for Ground Dissolution Stability Hazards</b> No Hazard				
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	3	420125 427825
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	98	3	420125 427825
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	171	3	420200 427475
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	173	3	420000 427697
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	174	3	420000 427750
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	174	3	420150 427500
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	183	3	420075 427550
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	185	3	420100 427525
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	188	3	420150 427475
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	191	3	420125 427500
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	208	3	420000 427550
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	209	3	420250 427425
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	210	3	420236 427425
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	210	3	420125 427475

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	213	3	420225 427425
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	231	3	420000 427575
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	235	3	420275 427400
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	240	3	419975 427600
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	249	3	419950 427625
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	3	420000 427697
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	173	3	420000 427697
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	3	420236 427750
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	3	420236 427750
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	169	3	420075 427875
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	171	3	420150 427500
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	173	3	420000 427700
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	177	3	420000 427697
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	208	3	420000 427850
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	237	3	420075 427475
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	244	3	420000 427550
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	3	420000 427697
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	3	420000 427697
	<b>Shallow Mining Hazards</b> Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	3	420287 427483
	<b>Shallow Mining Hazards</b> Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	153	3	420287 427483

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
19	<b>Contemporary Trade Directory Entries</b> Name: West Yorkshire Mini Mix Location: Heathfield Farm, Fieldhead Lane, Birkenshaw, Bradford, West Yorkshire, BD11 2LZ Classification: Concrete & Mortar Ready Mixed <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	11	-	420244 427636
20	<b>Contemporary Trade Directory Entries</b> Name: Crownham Ltd Location: 15, Whitehall Road West, Birkenshaw, Bradford, West Yorkshire, BD11 2LS Classification: Carpets & Rugs - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (N)	33	-	420249 427755
21	<b>Contemporary Trade Directory Entries</b> Name: R A Lawrence Location: 12, Grove Terrace, Birkenshaw, Bradford, West Yorkshire, BD11 2LY Classification: Asphalt & Coated Macadam Laying Contractors <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	156	-	420422 427780
22	<b>Contemporary Trade Directory Entries</b> Name: Carlton Garage Service Location: 3 Whitehall Rd East, Birkenshaw, Bradford, West Yorkshire, BD11 2EQ Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	197	-	420374 427884
23	<b>Contemporary Trade Directory Entries</b> Name: Wymas Fleet Care Location: 21 Oakroyd Dr, Birkenshaw, Bradford, West Yorkshire, BD11 2ED Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	199	-	420194 427954
24	<b>Contemporary Trade Directory Entries</b> Name: King Street Location: Whitehall Rd East, Birkenshaw, Bradford, West Yorkshire, BD11 2EJ Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	421	-	420586 427992
25	<b>Contemporary Trade Directory Entries</b> Name: S M K Textiles Location: 7, Dewsbury Road, Gomersal, Cleckheaton, West Yorkshire, BD19 4AX Classification: Textile Manufacturing <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NE (SE)	476	-	420515 427232
26	<b>Contemporary Trade Directory Entries</b> Name: Arriva Bus & Coach Ltd Location: Lodge Garage, Whitehall Road West, Gomersal, Cleckheaton, West Yorkshire, BD19 4BJ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	578	-	419674 427444
27	<b>Contemporary Trade Directory Entries</b> Name: G & B Fletcher (Haulage) Ltd Location: 23, Elm Court, Birkenshaw, Bradford, West Yorkshire, BD11 2PF Classification: Road Haulage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SW (E)	600	-	420869 427484
28	<b>Contemporary Trade Directory Entries</b> Name: Kemp-Craft Location: 525, Bradford Road, Birkenshaw, Bradford, West Yorkshire, BD11 2AQ Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	685	-	420216 428441
28	<b>Contemporary Trade Directory Entries</b> Name: Discount Motors Location: 527 Bradford Rd, Birkenshaw, Bradford, West Yorkshire, BD11 2AQ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	686	-	420256 428440

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
28	<b>Contemporary Trade Directory Entries</b> Name: Discount Motors Location: 527 Bradford Rd, Birkenshaw, Bradford, West Yorkshire, BD11 2AQ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	692	-	420256 428446
29	<b>Contemporary Trade Directory Entries</b> Name: M Wood Location: 64, Old Lane, Birkenshaw, Bradford, West Yorkshire, BD11 2JX Classification: Dairies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	709	-	420693 428285
30	<b>Contemporary Trade Directory Entries</b> Name: Mayfair Artist Location: 8, Town Street, Birkenshaw, Bradford, West Yorkshire, BD11 2HX Classification: Toys, Games & Sporting Goods - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	768	-	420315 428516
31	<b>Contemporary Trade Directory Entries</b> Name: Andrew Clough Location: 180, Drub Lane, Cleckheaton, West Yorkshire, BD19 4BU Classification: Dairies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	843	-	419939 426855
32	<b>Contemporary Trade Directory Entries</b> Name: Jack Hughes Vehicle Holdings Ltd Location: Whitehall Road West, Gomersal, Cleckheaton, West Yorkshire, BD19 4BL Classification: Commercial Vehicle Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	894	-	419378 427327
33	<b>Contemporary Trade Directory Entries</b> Name: Brunton-Hague Prestige Ltd Location: 33, Richmond Grove, Gomersal, Cleckheaton, West Yorkshire, BD19 4AG Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	945	-	420724 426811
34	<b>Fuel Station Entries</b> Name: Whitehall Filling Station Location: Whitehall Road East, Birkenshaw, BRADFORD, West Yorkshire, BD11 2EJ Brand: UNBRANDED Premises Type: Petrol Station <b>Status: Open</b> Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	310	-	420506 427915

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
35	<b>Areas of Adopted Green Belt</b> Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Unitary Development Plan Status: <b>Adopted</b> Plan Date: 1st March 1999	A13SW (W)	107	6	420078 427685
36	<b>Nitrate Vulnerable Zones</b> Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A17NW (NW)	0	9	419486 428529

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Calderdale Metropolitan Borough Council - Environmental Health Leeds City Council - Planning and Development Kirklees Metropolitan Borough Council - Planning Services Bradford Metropolitan City Council - Environmental Health	January 2008 January 2008 June 2007 March 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North East Region	January 2008	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North East Region	March 2008	As notified
<b>Integrated Pollution Controls</b> Environment Agency - North East Region	January 2008	Quarterly
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North East Region	January 2008	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Calderdale Metropolitan Borough Council - Environmental Health Leeds City Council - Neighbourhoods Department Kirklees Metropolitan Borough Council - Environmental Health Department Bradford Metropolitan City Council - Environmental Health	April 2007 January 2008 October 2007 September 2006	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Controls</b> Calderdale Metropolitan Borough Council - Environmental Health Bradford Metropolitan City Council - Environmental Health Leeds City Council - Neighbourhoods Department Kirklees Metropolitan Borough Council - Environmental Health Department	April 2007 August 2006 January 2008 October 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Calderdale Metropolitan Borough Council - Environmental Health Leeds City Council - Neighbourhoods Department Kirklees Metropolitan Borough Council - Environmental Health Department Bradford Metropolitan City Council - Environmental Health	April 2007 January 2008 October 2007 September 2006	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2008	Quarterly
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region	December 1998	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North East Region	April 2008	As notified
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North East Region	April 2008	As notified
<b>Registered Radioactive Substances</b> Environment Agency - North East Region	January 2008	Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	September 2007	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	August 2007	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - North East Region - Ridings Area	January 2008	Quarterly
<b>Water Abstractions</b> Environment Agency - North East Region	January 2008	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	January 2008	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	January 1999	Not Applicable

<b>Agency &amp; Hydrological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Source Protection Zones</b> Environment Agency - Head Office	January 2008	Variable
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2008	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2008	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2008	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	February 2008	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	February 2008	Quarterly
<b>Waste</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - North East Region - Ridings Area	February 2008	As notified
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North East Region	January 2008	Quarterly
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North East Region - Ridings Area	February 2008	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - Ridings Area	February 2008	Quarterly
<b>Local Authority Landfill Coverage</b> Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Leeds City Council - Planning and Development	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Leeds City Council - Planning and Development	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable

<b>Hazardous Substances</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2008	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	February 2008	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council Leeds City Council - Planning and Development Kirklees Metropolitan Borough Council - Planning Services	April 2008 March 2008 March 2008 May 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council Leeds City Council - Planning and Development Kirklees Metropolitan Borough Council - Planning Services	April 2008 March 2008 March 2008 May 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Geological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	October 2007	Bi-Annually
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
<b>Brine Compensation Area</b> Cheshire Brine Subsidence Compensation Board	November 2002	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Mining Report Service	January 2006	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Natural and Mining Cavities</b> Peter Brett Associates	December 2005	Variable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2008	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2008	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2008	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2008	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2008	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2008	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	May 2007	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	May 2007	Annually
<b>Shallow Mining Hazards</b> British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable

<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	November 2007	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - (Fuel Station Data)	March 2008	Quarterly
<b>Sensitive Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Areas of Adopted Green Belt</b> Calderdale Metropolitan Borough Council Leeds City Council Kirklees Metropolitan Borough Council Bradford Metropolitan City Council	April 1997 August 2001 March 1999 October 2005	As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Leeds City Council Kirklees Metropolitan Borough Council Calderdale Metropolitan Borough Council Bradford Metropolitan City Council	February 2004 March 1999 March 2004 October 2005	As notified As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2008	Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2008	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	January 2008	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	October 2007	Bi-Annually
<b>National Nature Reserves</b> Natural England	October 2007	Bi-Annually
<b>National Parks</b> Natural England	January 2008	Annually
<b>Nitrate Sensitive Areas</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2003	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	May 2007	Annually
<b>Ramsar Sites</b> Natural England	October 2007	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	October 2007	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	October 2007	Bi-Annually
<b>Special Protection Areas</b> Natural England	October 2007	Bi-Annually

A selection of organisations who provide data within this report

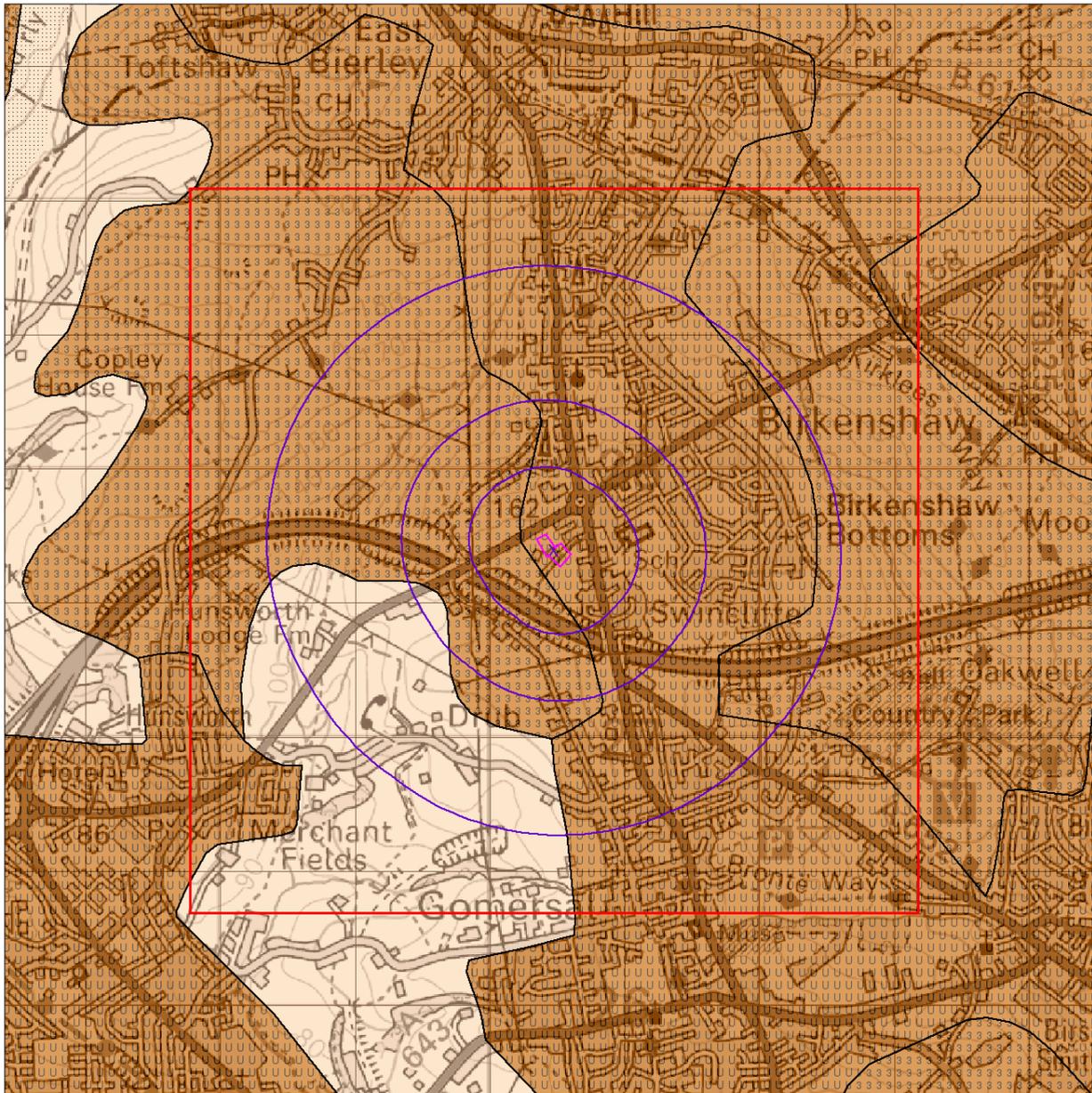
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Countryside Council for Wales	 <b>CYNGOR CEFN GWLAD CYMRU</b> <b>COUNTRYSIDE COUNCIL FOR WALES</b>
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	<b>Kirklees Metropolitan Borough Council - Environmental Health Department</b> West Riding House, 9 Manchester Road, Huddersfield, West Yorkshire, HD1 3HH	Telephone: 01484 221000 Email: customer.relations@kirklees.gov.uk Website: www.kirkleesmc.gov.uk
3	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	<b>The Coal Authority - Mining Report Service</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
5	<b>Bradford Metropolitan City Council</b> City Hall, Bradford, West Yorkshire, BD1 1HY	Telephone: 01274 432111 Fax: 01274 752045 Website: www.bradford.gov.uk
6	<b>Kirklees Metropolitan Borough Council</b> Town Hall, Civic Centre, Huddersfield, West Yorkshire, HD1 2TA	Telephone: 01484 221000 Fax: 01484 442768 Website: www.kirkleesmc.gov.uk
7	<b>Leeds City Council</b> Civic Hall, Leeds, West Yorkshire, LS1 1UR	Telephone: 0113 234 8080 Fax: 0113 242 1321 Website: www.leeds.gov.uk
8	<b>Natural England</b> Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	<b>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</b> Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
10	<b>Kirklees Metropolitan Borough Council - Planning Services</b> PO BOX B93, Civic Centre III, Off Market Street, Huddersfield, West Yorkshire, HD1 2JR	Telephone: 01484 221000 Fax: 01484 221613 Website: www.kirkleesmc.gov.uk
-	<b>Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	<b>Landmark Information Group Limited</b> The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0870 850 6670 Fax: 0870 850 6671 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

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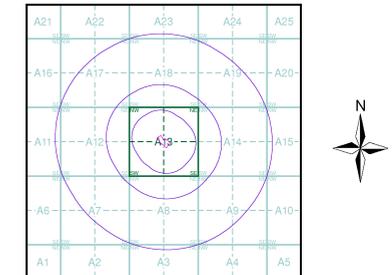
**General**

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

**Agency and Hydrological**

Geological Classes		Soil Classes	
<b>Major Aquifer (Highly Permeable)</b>		High (H) 1, 2, 3, U	
		Intermediate (I) 1, 2	
		Low	
<b>Minor Aquifer (Variably Permeable)</b>		High (H) 1, 2, 3, U	
		Intermediate (I) 1, 2	
		Low	
<b>Non Aquifer (Negligibly Permeable)</b>			
<b>Water or Sea</b>			
<b>Drift Deposit</b>			

**Groundwater Vulnerability - Slice A**



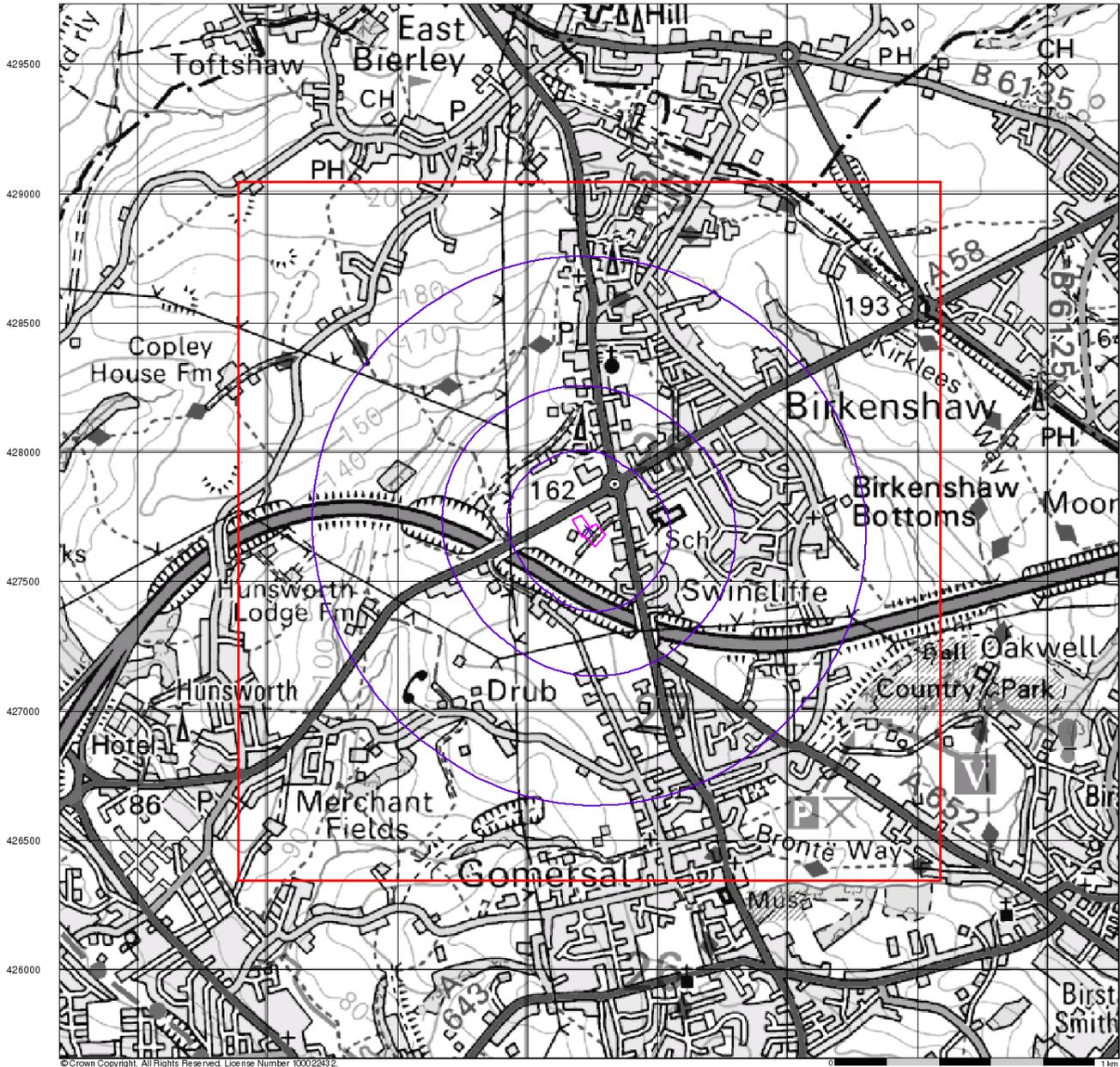
**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS

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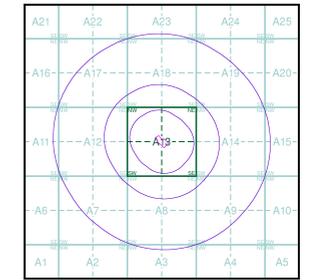
**General**

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

**Agency and Hydrological**

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

**Source Protection Zones - Slice A**



**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**

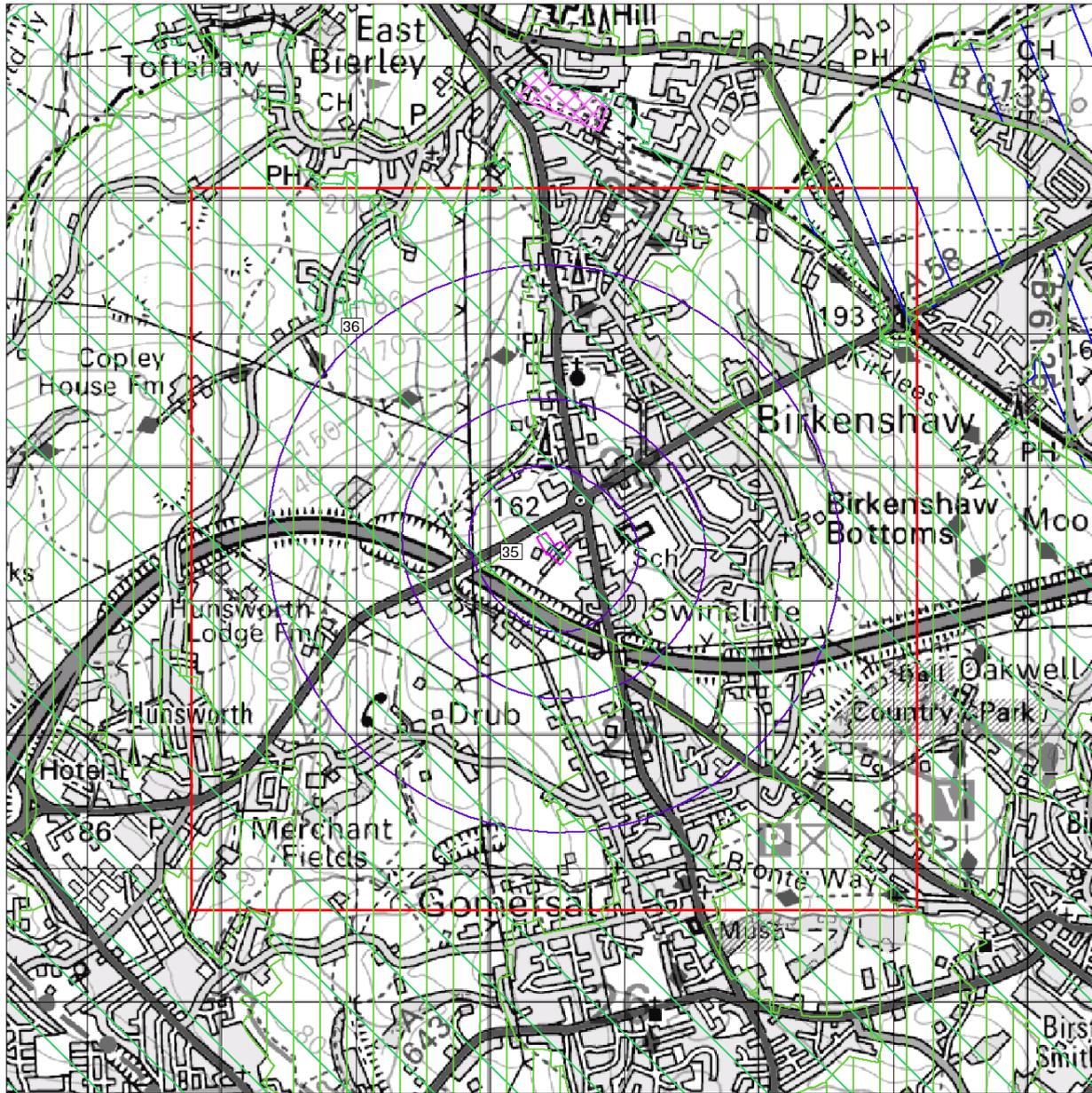
15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



Tel: 0870 850 6670  
 Fax: 0870 850 6671  
 Web: www.envirocheck.co.uk

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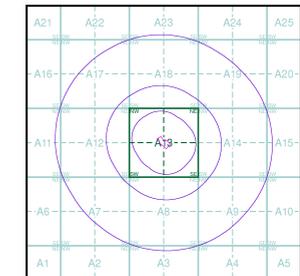
**General**

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

**Sensitive Land Uses**

-  Area of Adopted Green Belt
-  Area of Unadopted Green Belt
-  Area of Outstanding Natural Beauty
-  Environmentally Sensitive Area
-  Forest Park
-  Local Nature Reserve
-  Marine Nature Reserve
-  National Nature Reserve
-  National Park
-  Nitrate Sensitive Area
-  Nitrate Vulnerable Zone
-  Ramsar Site
-  Site of Special Scientific Interest
-  Special Area of Conservation
-  Special Protection Area

**Sensitive Land Uses - Slice A**



**Order Details**

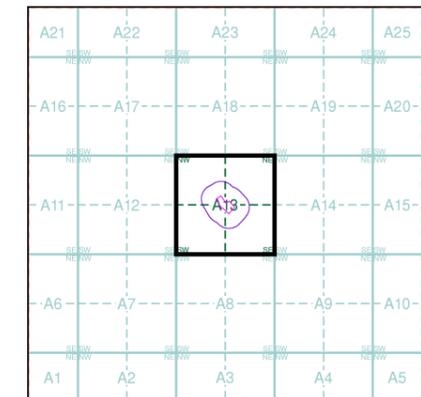
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 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Registered Landfill Site
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry

### Site Sensitivity Map - Segment A13

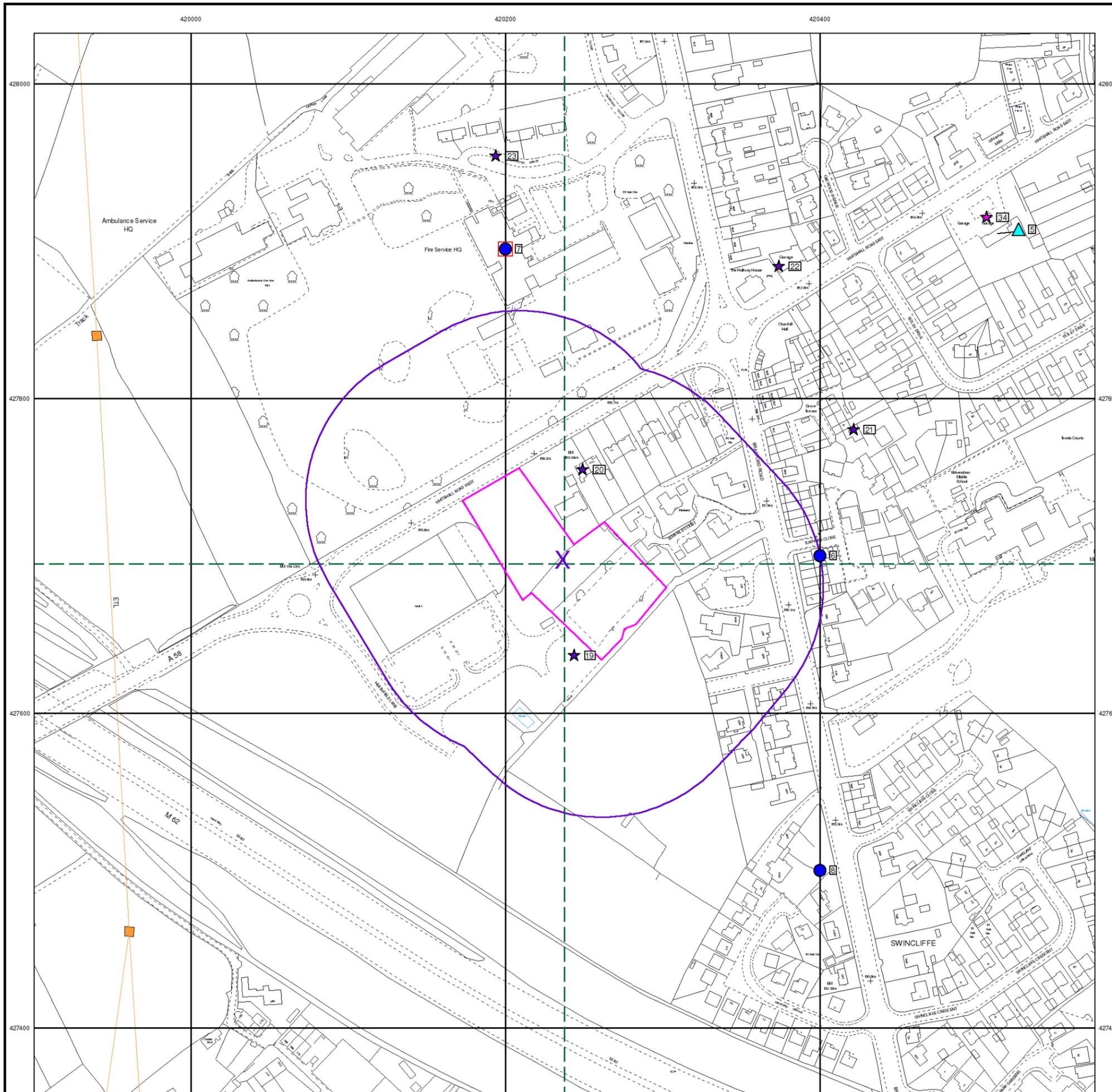


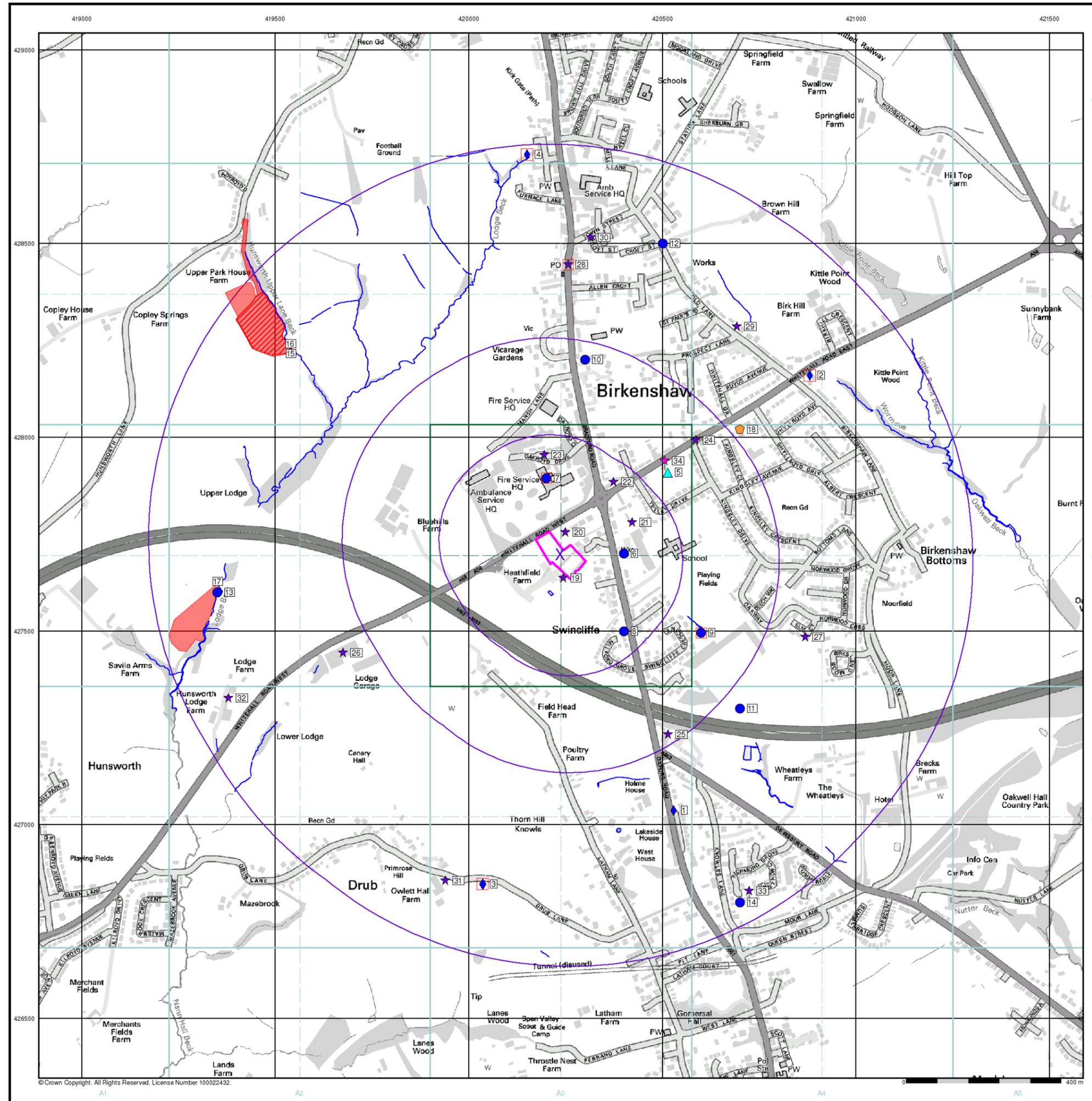
### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Plot Buffer (m): 100

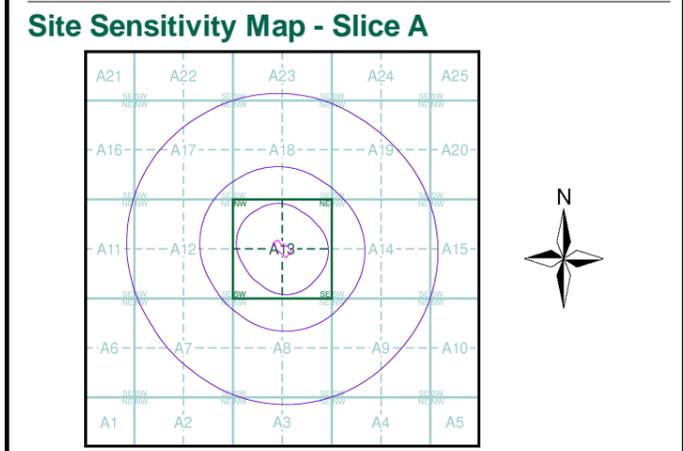
### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS





- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site (Buffered Point)
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Registered Landfill Site
  - Prosecution Relating to Authorised Processes
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry

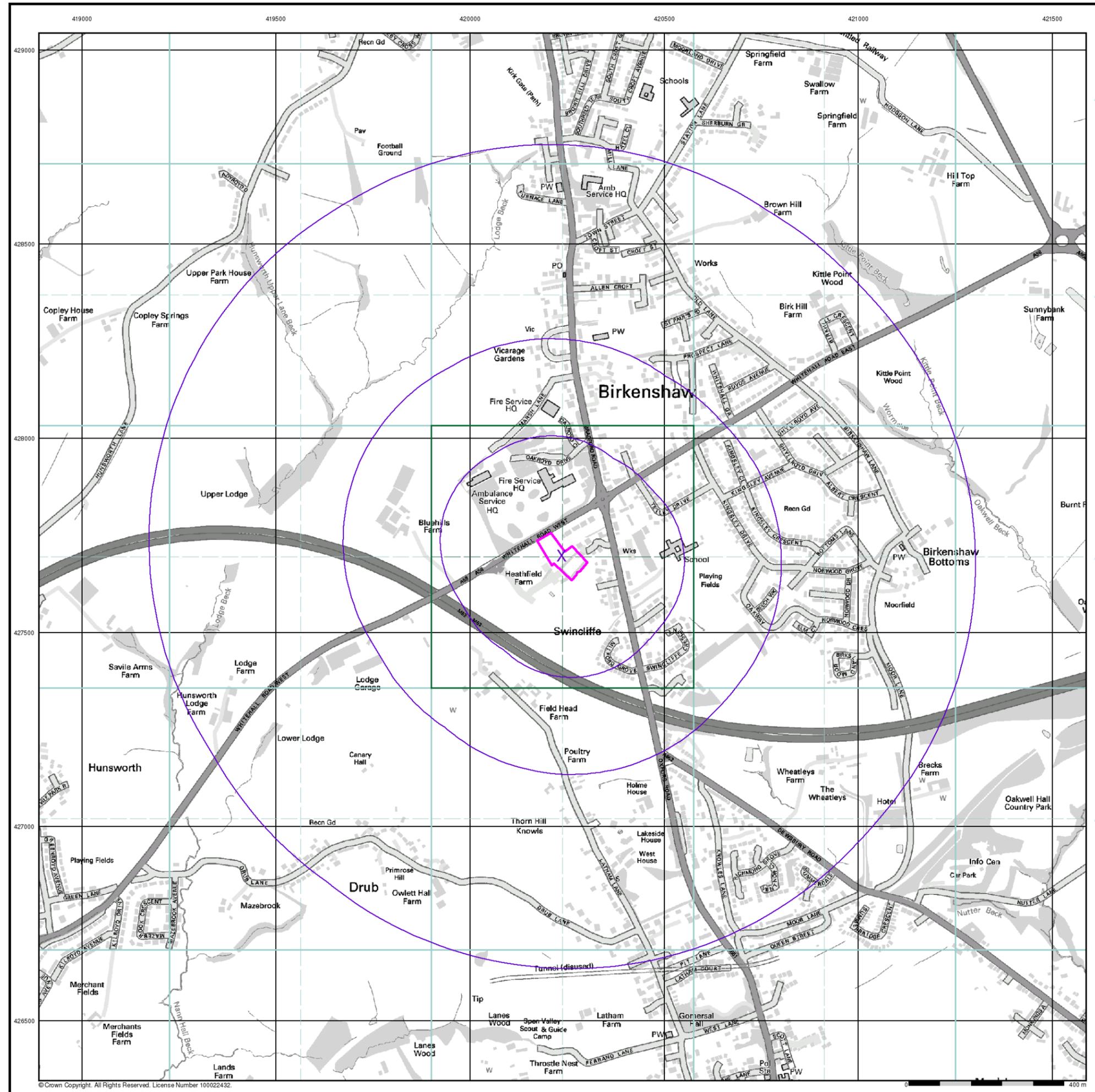


**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

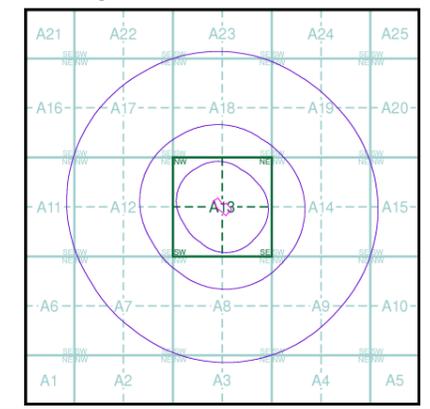
**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



- General**
-  Specified Site
  -  Specified Buffer(s)
  -  Bearing Reference Point
- Agency and Hydrological (Flood)**
-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
  -  Flooding from Rivers or Sea without Defences (Zone 3)
  -  Area Benefiting from Flood Defence
  -  Flood Water Storage Areas
  -  Flood Defence

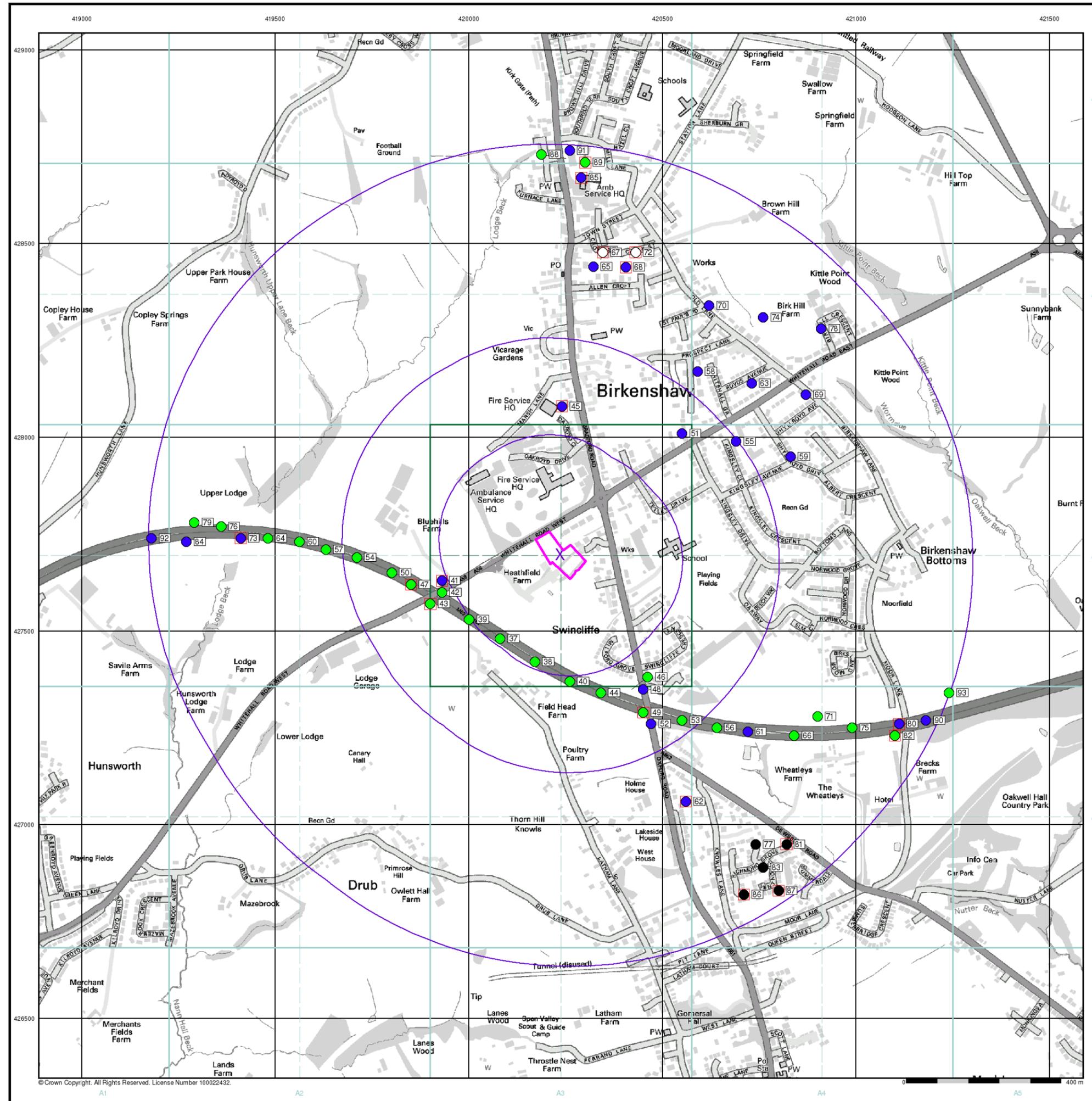
**Flood Map - Slice A**



**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**  
 15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



**General**

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

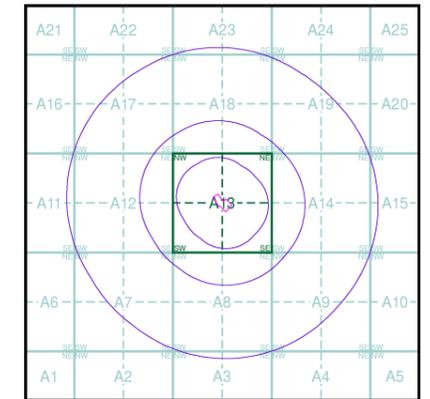
**Agency and Hydrological (Boreholes)**

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

**Borehole Map - Slice A**



**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS

# Historical Mapping Legends

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

**Quarry** **Gravel Pit** **Sand Pit**  
**Clay Pit** **Shingle** **Refuse Heap**  
**Sloping Masonry** **Flat Rock**  
**Marsh** **Reeds** **Osiers**  
**Rough Pasture** **Furze** **Wood**  
**Mixed Wood** **Brushwood** **Orchard**  
**Fir** **Ford** **Stepping Stones**  
**Ferry** **Waterfall** **Lock**  
**Trig. Station** **Altitude at Trig. Station**  
**B.M. 325.9** **Bench Mark** **Surface Level**  
**Arrow denotes flow of water** **Antiquities (site of)**  
**Cutting** **Embankment**  
**Railway crossing Road** **Level Crossing** **Road crossing Railway**  
**Railway crossing River or Canal** **Road over single stream** **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone** **Police Call Box**  
**B.R. Bridle Road** **Pump**  
**E.P. Electricity Pylon** **S.P. Signal Post**  
**F.B. Foot Bridge** **Sl. Sluice**  
**F.P. Foot Path** **Sp. Spring**  
**G.P. Guide Post or Board** **T.C.B. Telephone Call Box**  
**M.S. Mile Stone** **Tr. Trough**  
**M.P. M.R. Mooring Post or Ring** **W. Well**

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

**Inactive Quarry, Chalk Pit or Clay Pit** **Active Quarry, Chalk Pit or Clay Pit**  
**Rock** **Boulders**  
**Cliff** **Slopes** **Top**  
**Roofed Building** **Glazed Roof Building**  
**Sloping Masonry** **Archway**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **Scrub** **Bracken**  
**Coppice, Osier** **Reeds** **Marsh, Saltings**  
**Rough Grassland** **Heath** **Culvert**  
**Direction of water flow** **Bench Mark** **Antiquity (site of)**  
**Cave Entrance** **Triangulation Station** **Electricity Pylon**  
**Electricity Transmission Line**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Civil Parish Boundary**  
**Admin. County or County Bor. Boundary**  
**London Borough Boundary**  
**Symbol marking point where boundary mereing changes**  
**BH Beer House** **P Pillar, Pole or Post**  
**BP, BS Boundary Post or Stone** **PO Post Office**  
**Cn, C Capstan, Crane** **PC Public Convenience**  
**Chy Chimney** **PH Public House**  
**D Fn Drinking Fountain** **Pp Pump**  
**EI P Electricity Pillar or Post** **SB, S Br Signal Box or Bridge**  
**FAP Fire Alarm Pillar** **SP, SL Signal Post or Light**  
**FB Foot Bridge** **Spr Spring**  
**GP Guide Post** **Tk Tank or Track**  
**H Hydrant or Hydraulic** **TCB Telephone Call Box**  
**LC Level Crossing** **TCP Telephone Call Post**  
**MH Manhole** **Tr Trough**  
**MP Mile Post or Mooring Post** **Wr Pt, Wr T Water Point, Water Tap**  
**MS Mile Stone** **W Well**  
**NTL Normal Tidal Limit** **Wd Pp Wind Pump**

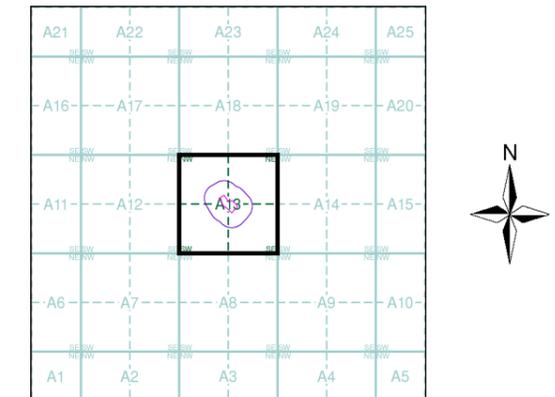
## Large-Scale National Grid Data 1:2,500 and 1:1,250

**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **Scrub** **Bracken**  
**Coppice, Osier** **Reeds** **Marsh, Saltings**  
**Rough Grassland** **Heath** **Culvert**  
**Direction of water flow** **Triangulation Station** **Antiquity (site of)**  
**Electricity Transmission Line** **Electricity Pylon**  
**Bench Mark** **Buildings with Building Seed**  
**Roofed Building** **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks Barracks** **P Pillar, Pole or Post**  
**Bty Battery** **PO Post Office**  
**Cemy Cemetery** **PC Public Convenience**  
**Chy Chimney** **Pp Pump**  
**Cis Cistern** **Ppg Sta Pumping Station**  
**Dismtd Rly Dismantled Railway** **PW Place of Worship**  
**EI Gen Sta Electricity Generating Station** **Sewage Ppg Sta Sewage Pumping Station**  
**EI P Electricity Pole, Pillar** **SB, S Br Signal Box or Bridge**  
**EI Sub Sta Electricity Sub Station** **SP, SL Signal Post or Light**  
**FB Filter Bed** **Spr Spring**  
**Fn / D Fn Fountain / Drinking Ftn.** **Tk Tank or Track**  
**Gas Gov Gas Valve Compound** **Tr Trough**  
**GVC Gas Governor** **Wd Pp Wind Pump**  
**GP Guide Post** **Wr Pt, Wr T Water Point, Water Tap**  
**MH Manhole** **Wks Works (building or area)**  
**MP, MS Mile Post or Mile Stone** **W Well**

### Ordnance Survey mapping included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1893	2
Yorkshire	1:2,500	1908	3
Yorkshire	1:2,500	1922	4
Yorkshire	1:2,500	1938	5
Ordnance Survey Plan	1:1,250	1956 - 1957	6
Ordnance Survey Plan	1:2,500	1957	7
Ordnance Survey Plan	1:1,250	1963 - 1971	8
Ordnance Survey Plan	1:1,250	1969 - 1973	9
Ordnance Survey Plan	1:2,500	1970 - 1977	10
Supply of Unpublished Survey Information	1:2,500	1974	11
Supply of Unpublished Survey Information	1:1,250	1974	12
Supply of Unpublished Survey Information	1:1,250	1974	13
Additional SIMs	1:1,250	1977 - 1985	14
Ordnance Survey Plan	1:1,250	1986 - 1989	15
Additional SIMs	1:2,500	1990	16
Large-Scale National Grid Data	1:2,500	1992	17
Large-Scale National Grid Data	1:1,250	1993	18

### Historical Map - Segment A13



### Order Details

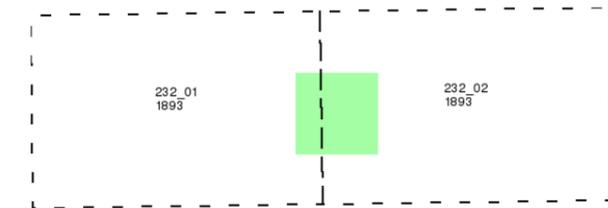
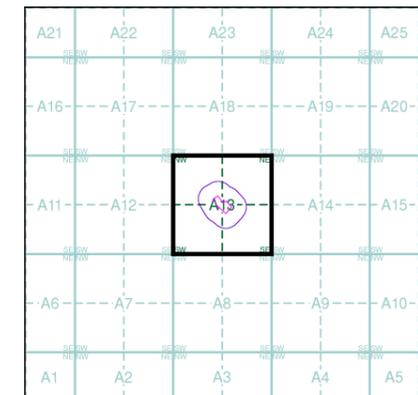
Order Number: 25128119\_1\_1  
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 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS

**Yorkshire**
**Published 1893**
**Source map scale - 1:2,500**

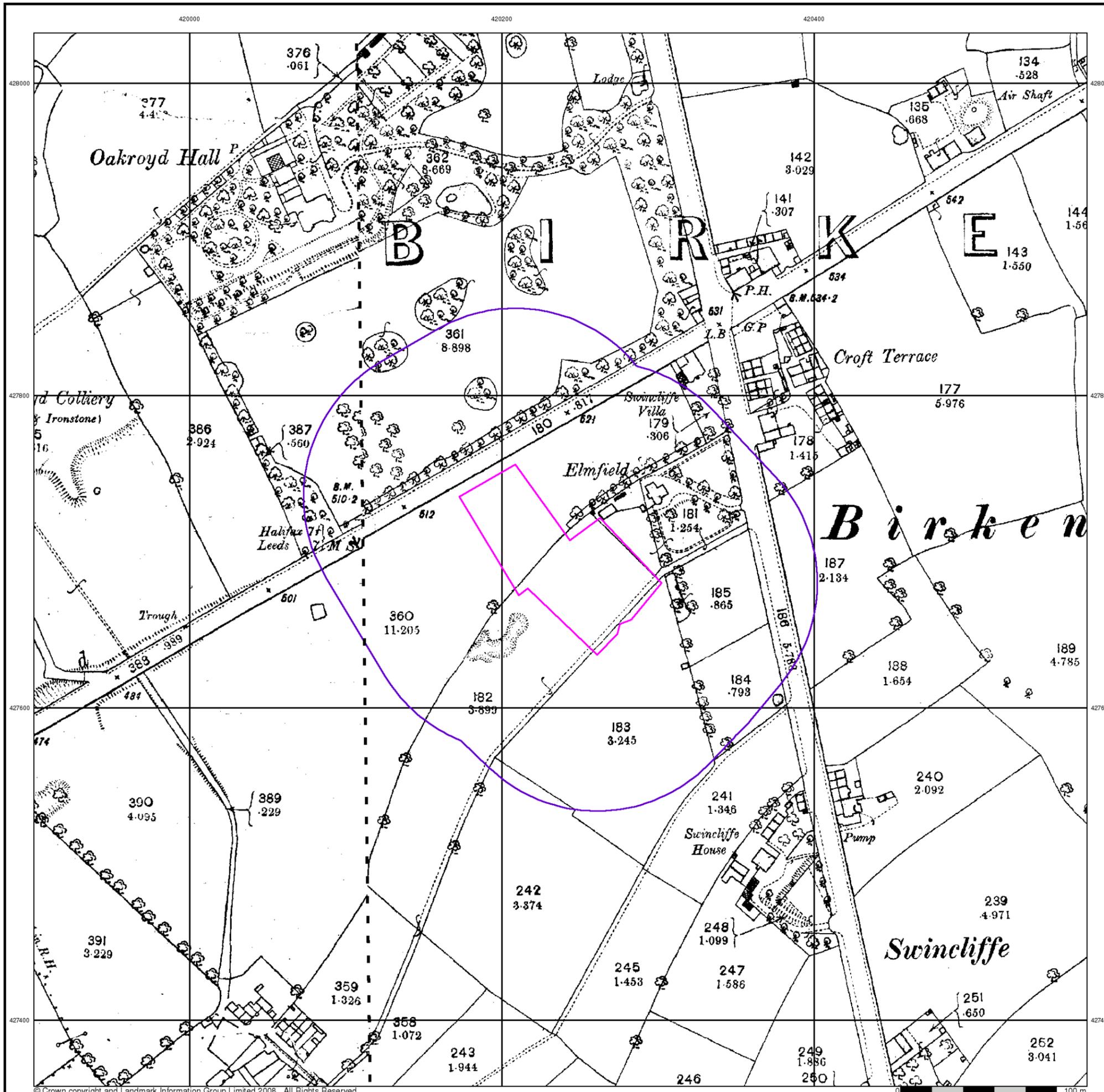
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

**Map Name(s) and Date(s)**

**Historical Map - Segment A13**

**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

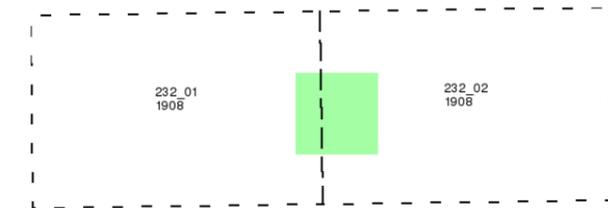
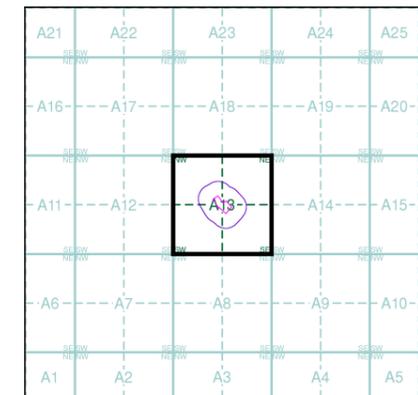
**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



**Yorkshire**
**Published 1908**
**Source map scale - 1:2,500**

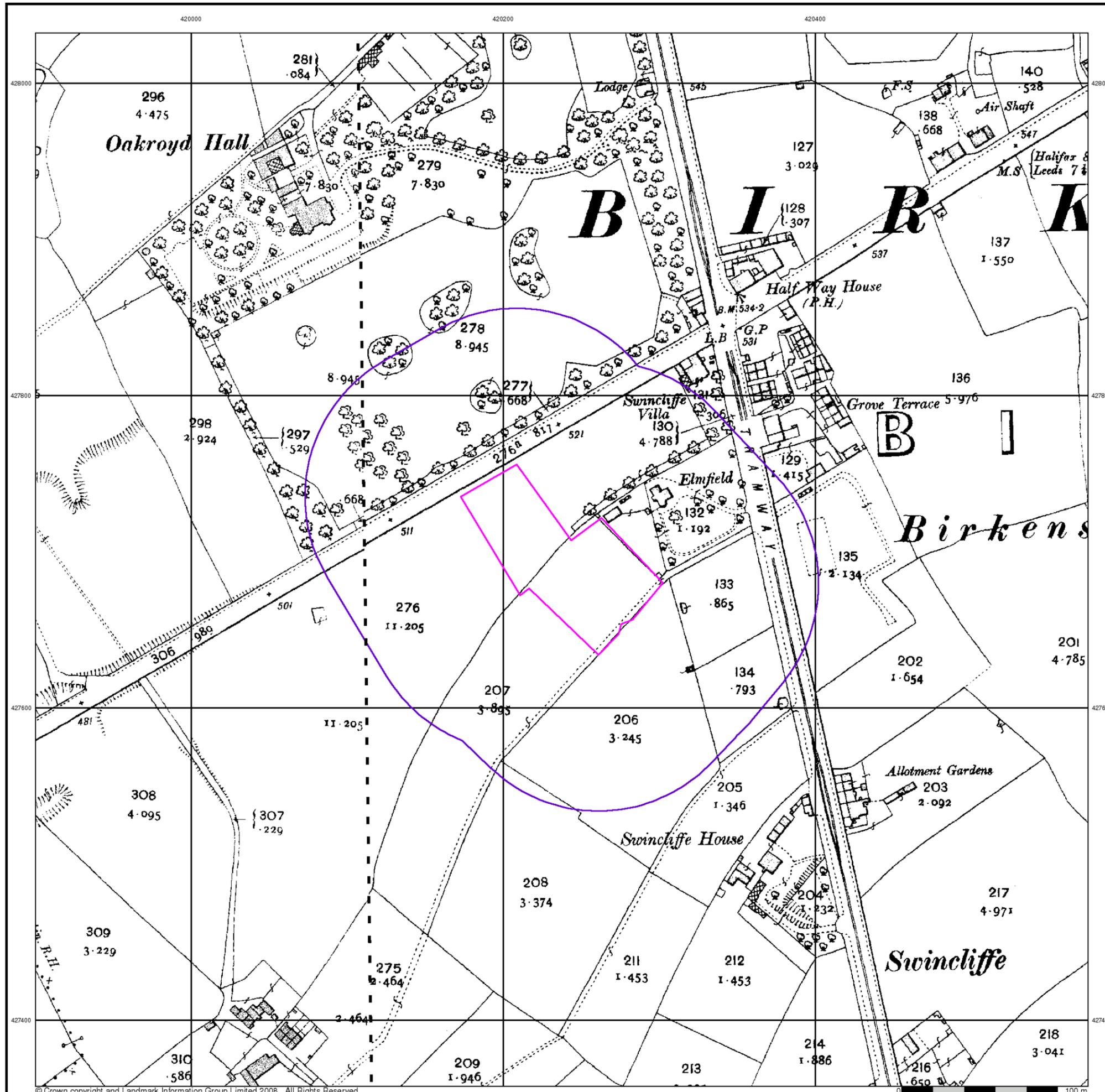
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

**Map Name(s) and Date(s)**

**Historical Map - Segment A13**

**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
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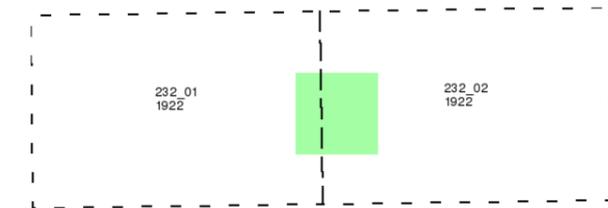
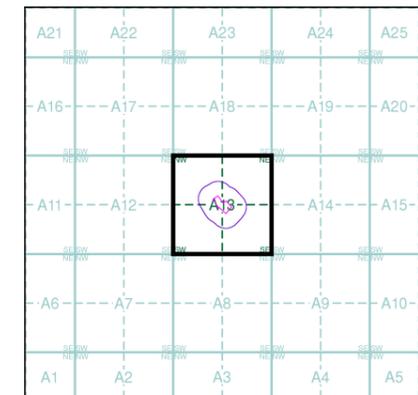
**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



**Yorkshire**
**Published 1922**
**Source map scale - 1:2,500**

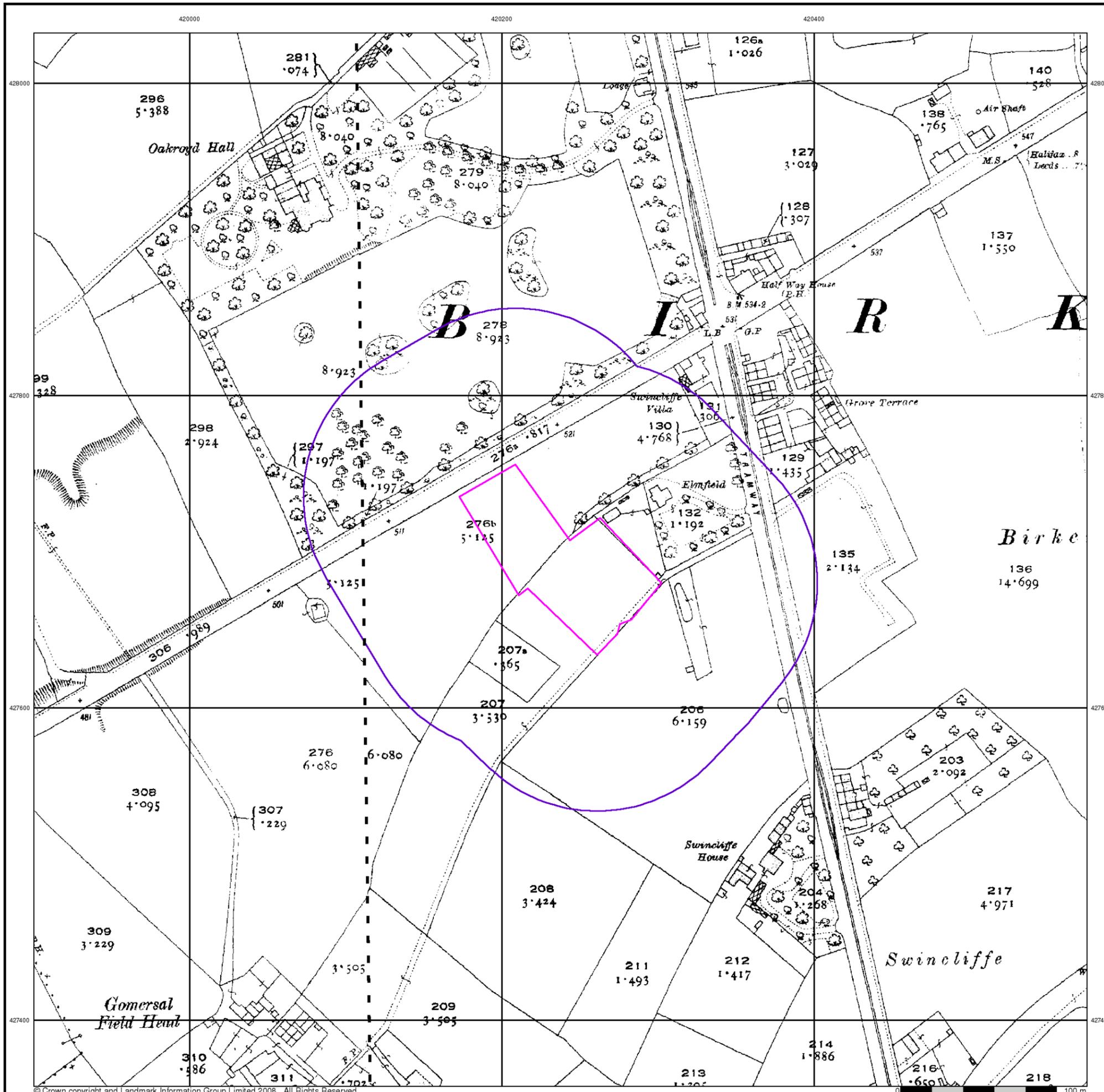
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

**Map Name(s) and Date(s)**

**Historical Map - Segment A13**

**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



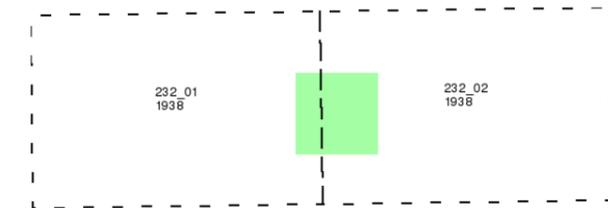
**Yorkshire**

**Published 1938**

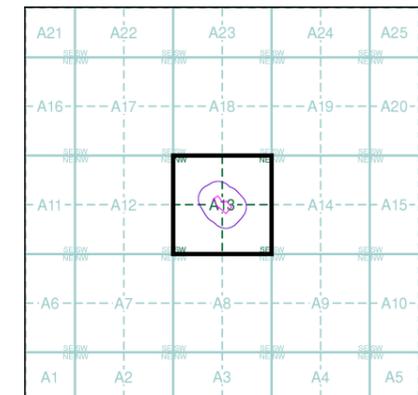
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**

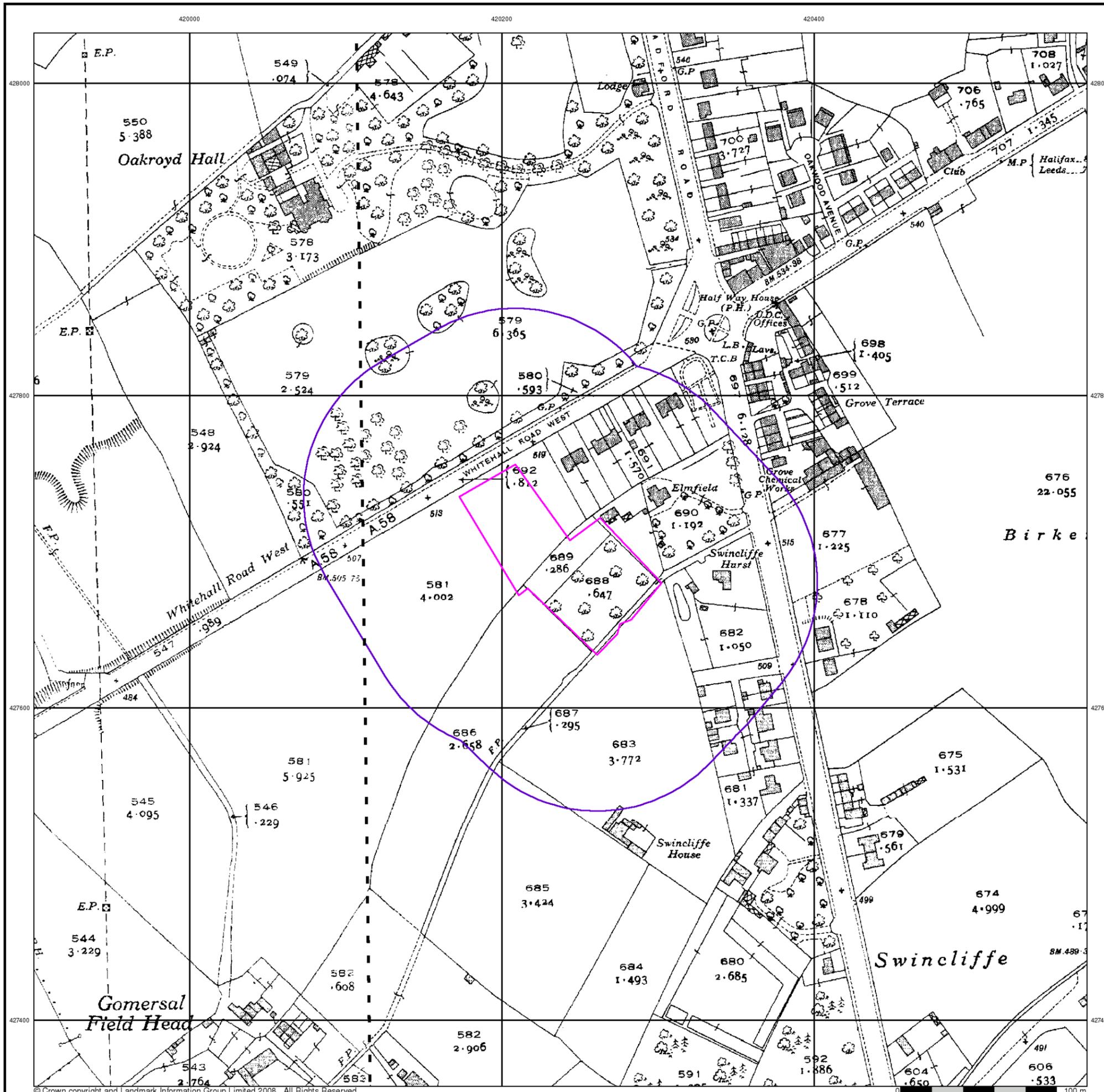


**Order Details**

Order Number: 25128119\_1\_1  
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 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



### Ordnance Survey Plan

Published 1956 - 1957

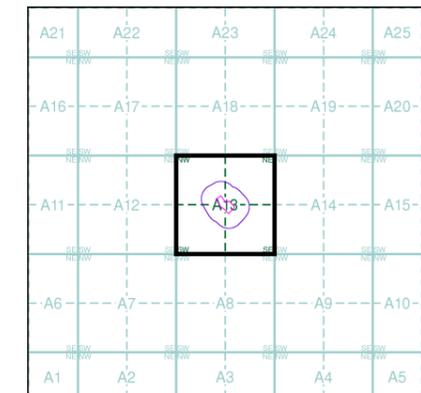
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)

SE2028SW	SE2028SE	1957	1957
SE2027NW	SE2027NE	1956	1956
SE2027SW	SE2027SE	1956	1956

### Historical Map - Segment A13

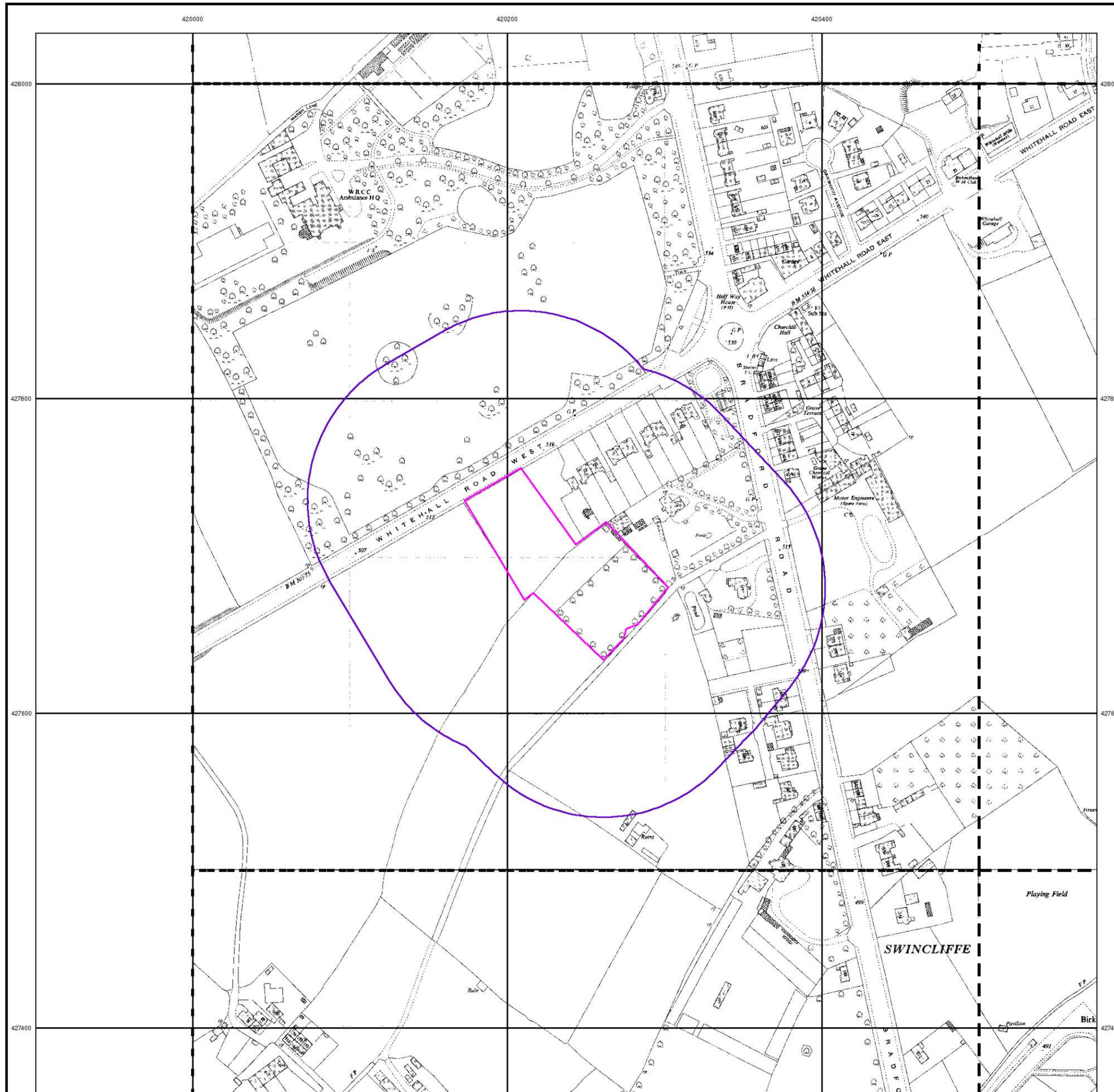


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



## Ordnance Survey Plan

Published 1957

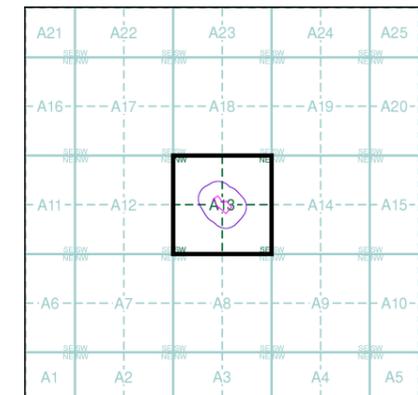
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

SE1928 1957	SE2028 1957
SE1927 1957	SE2027 1957

### Historical Map - Segment A13

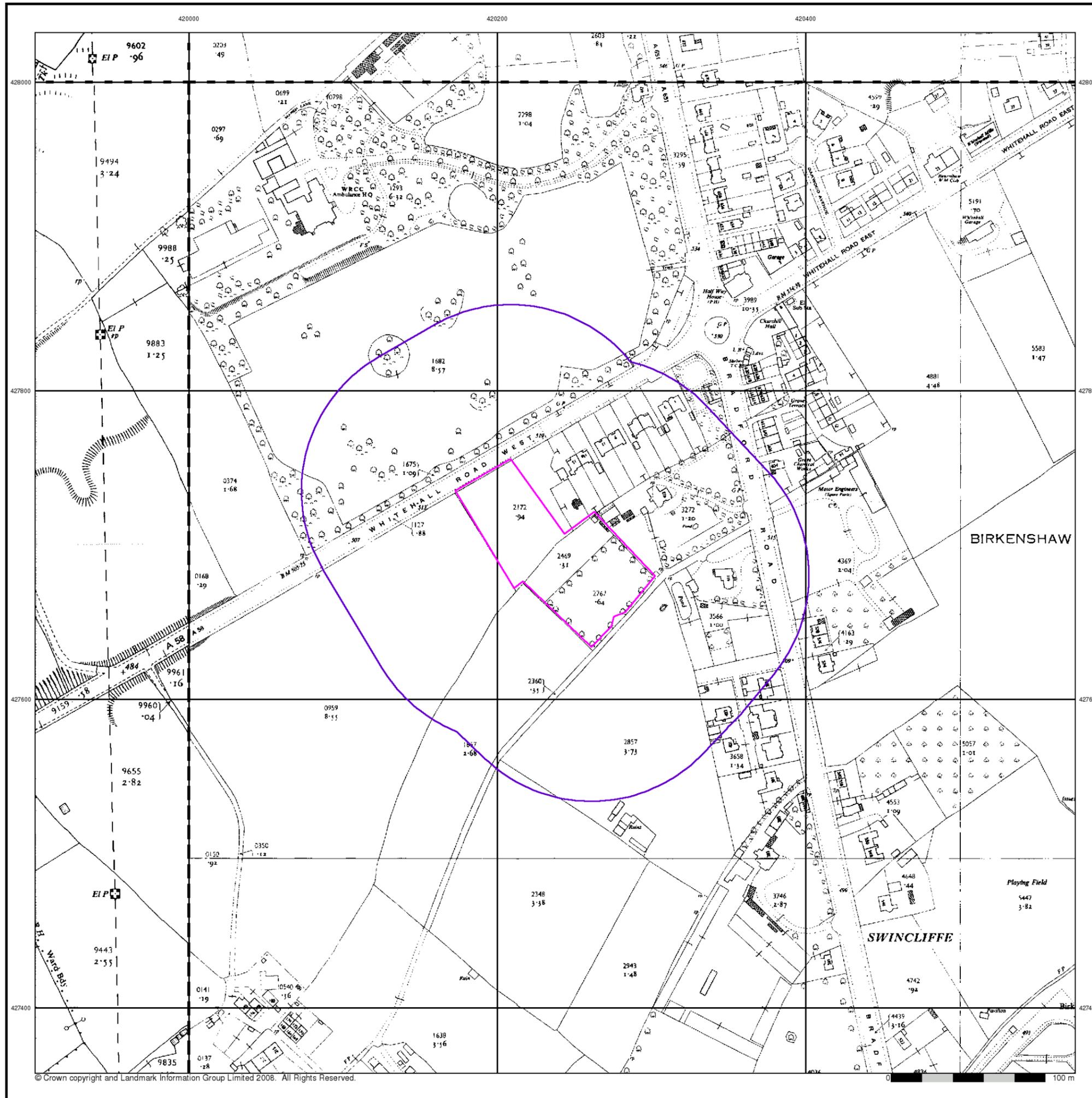


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



### Ordnance Survey Plan

Published 1963 - 1971

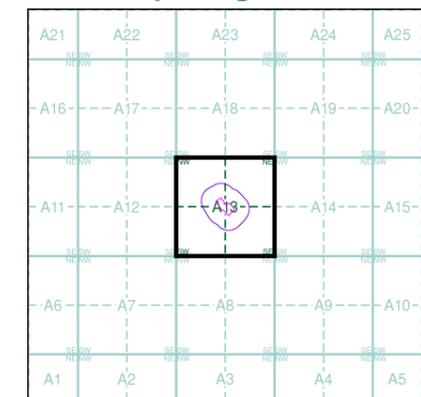
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)

SE2028SW	SE2028SE
1971	1971
SE2027NW	SE2027NE
1963	1963
SE2027SW	SE2027SE
1967	1967

### Historical Map - Segment A13

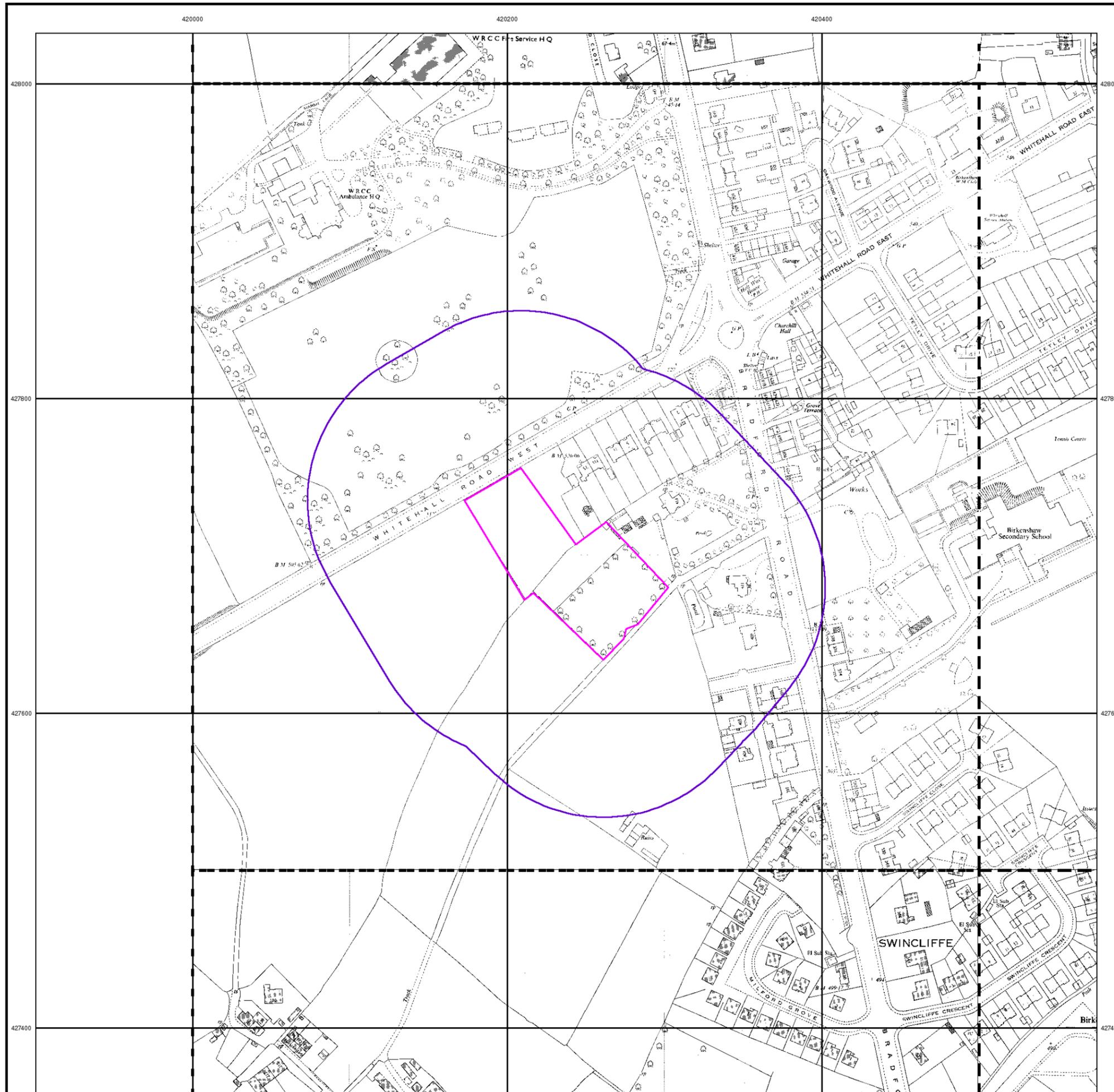


### Order Details

Order Number: 25128119\_1\_1  
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 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



### Ordnance Survey Plan

Published 1969 - 1973

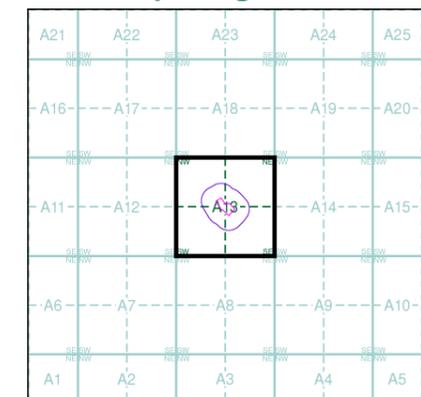
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)

SE2027NW 1971	SE2027NE 1969
SE2027SW 1973	SE2027SE 1973

### Historical Map - Segment A13

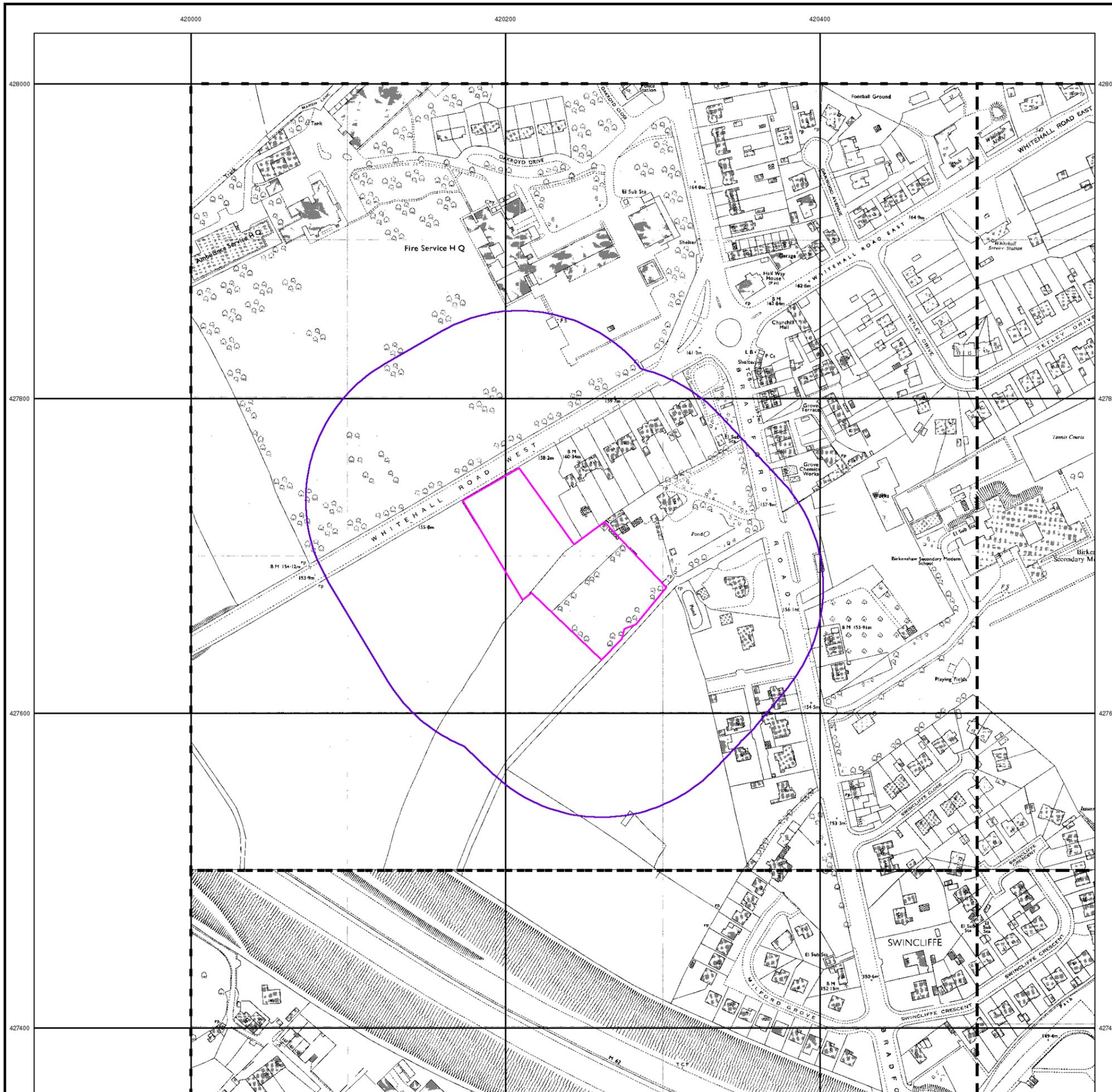


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



## Ordnance Survey Plan

Published 1970 - 1977

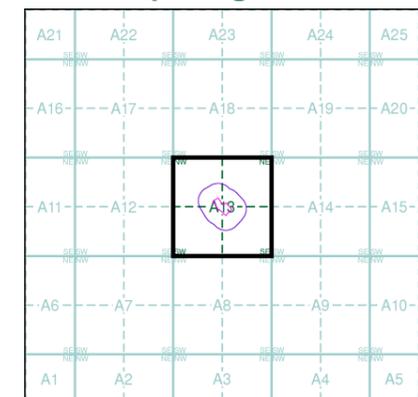
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

SE1928 1977	SE2028 1973
SE1927 1974	SE2027 1970

### Historical Map - Segment A13

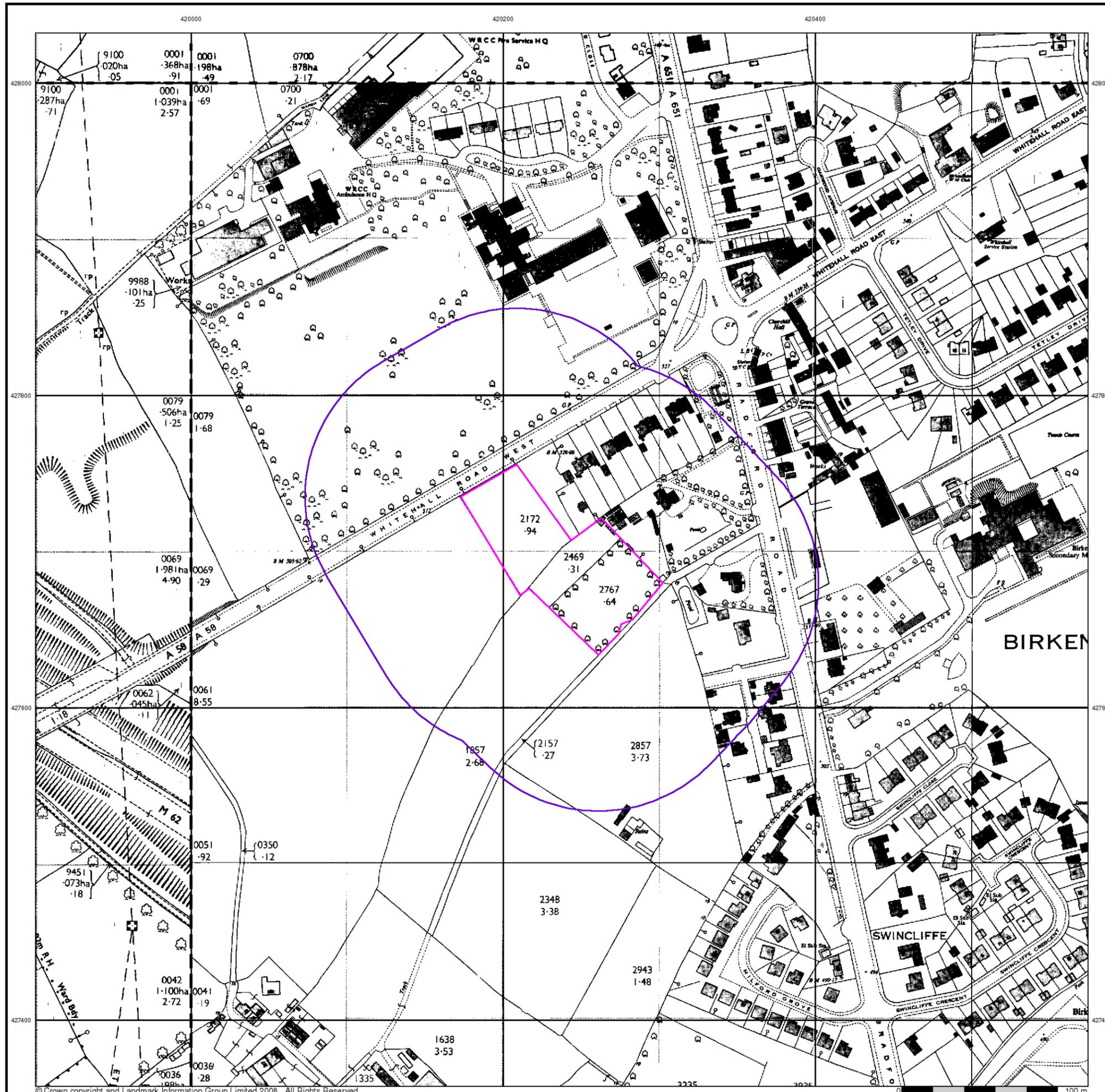


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
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 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



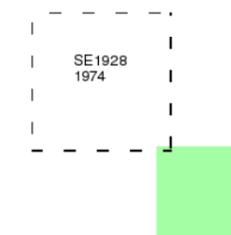
## Supply of Unpublished Survey Information

**Published 1974**

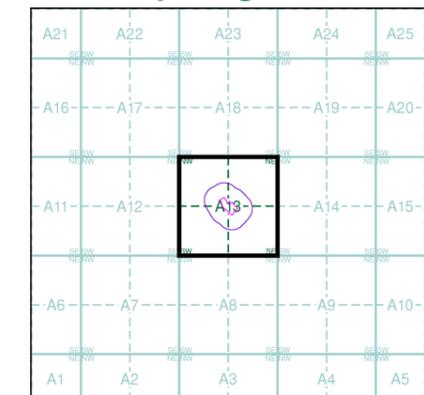
**Source map scale - 1:2,500**

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

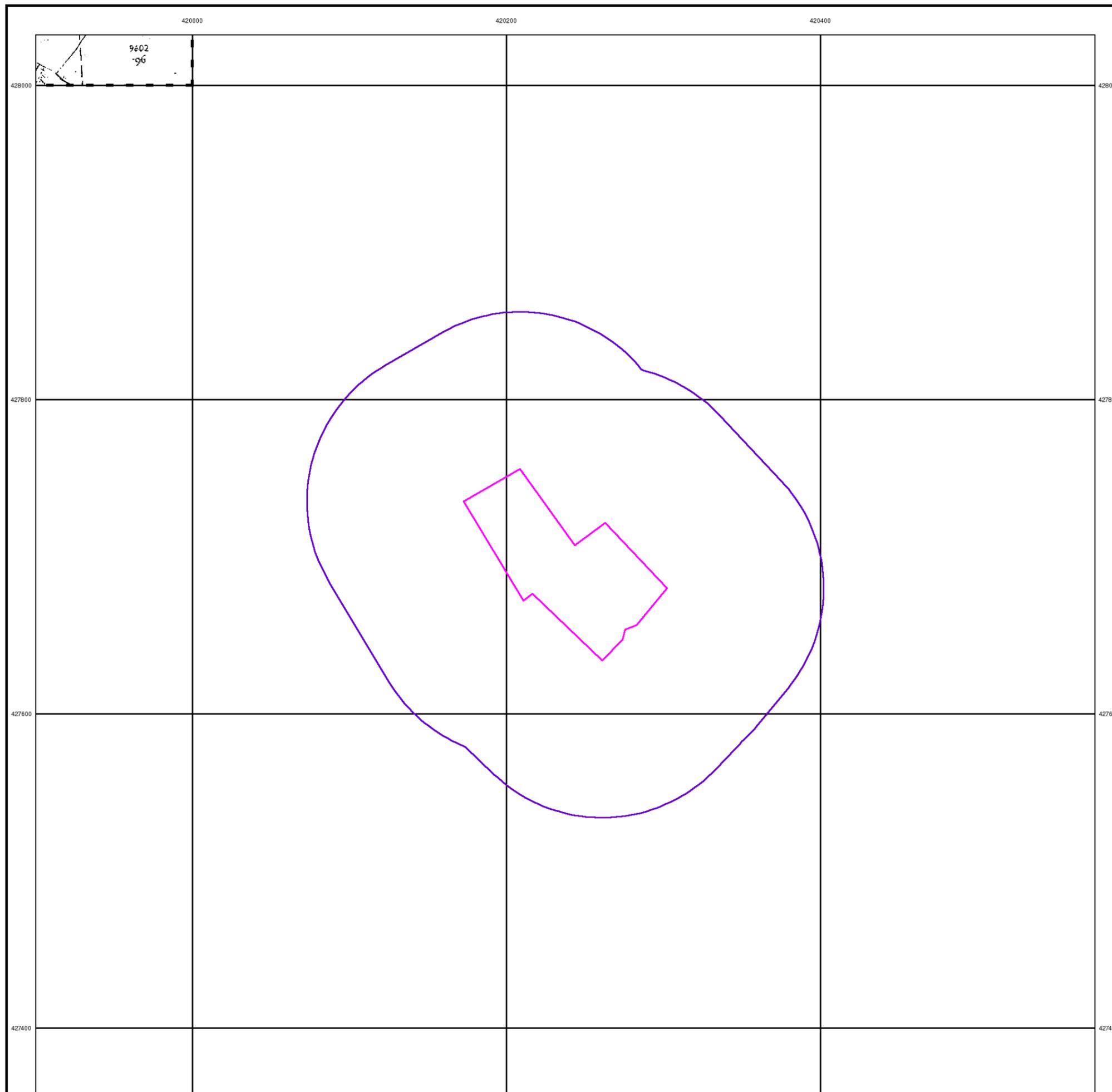


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



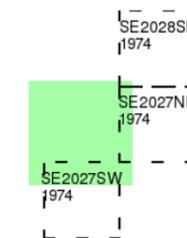
## Supply of Unpublished Survey Information

Published 1974

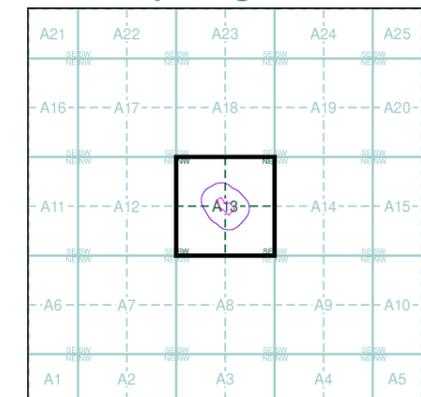
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

Order Number: 25128119\_1\_1  
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 Slice: A  
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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



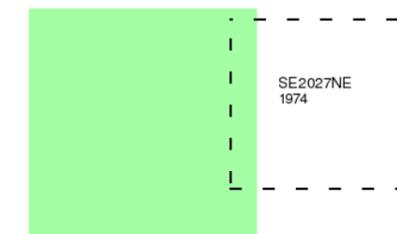
## Supply of Unpublished Survey Information

**Published 1974**

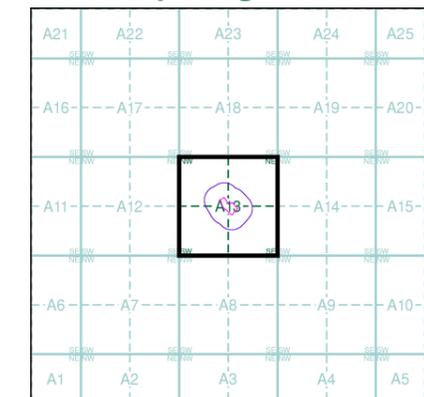
**Source map scale - 1:1,250**

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

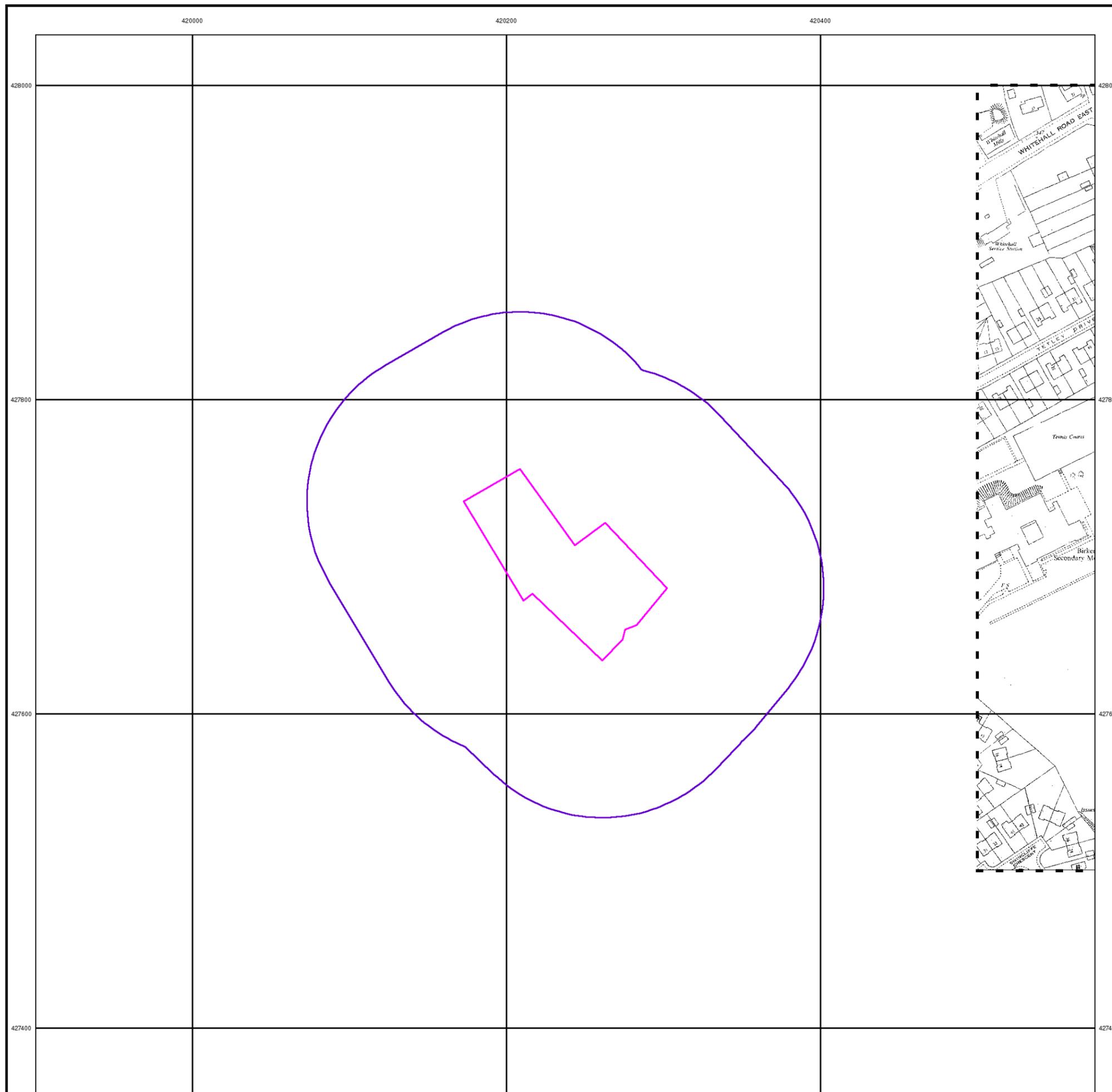


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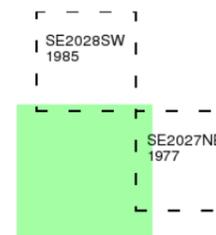
### Additional SIMs

**Published 1977 - 1985**

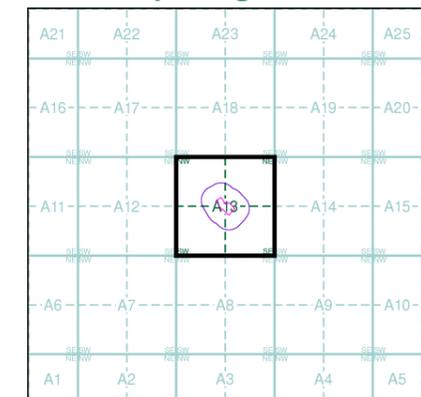
**Source map scale - 1:1,250**

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

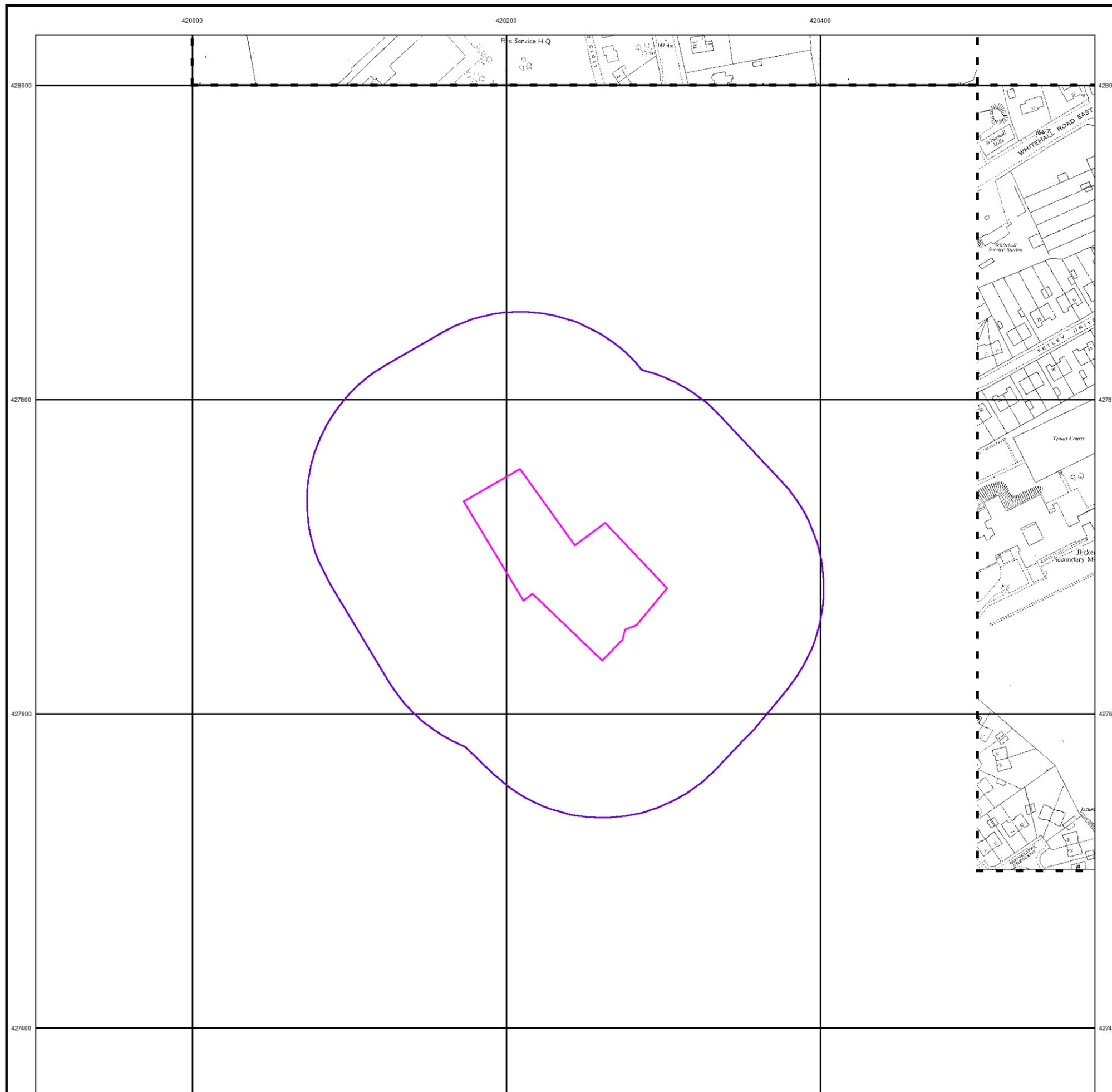


### Order Details

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 National Grid Reference: 420240, 427700  
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 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



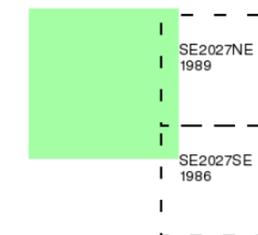
### Ordnance Survey Plan

Published 1986 - 1989

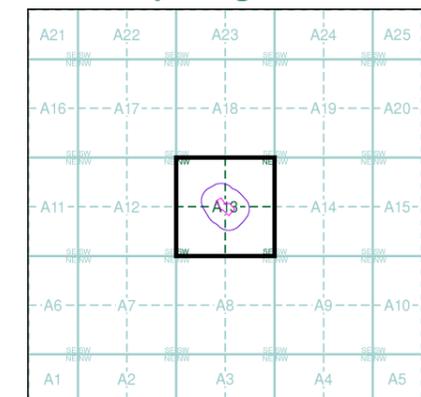
Source map scale - 1:1,250

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### Map Name(s) and Date(s)



### Historical Map - Segment A13

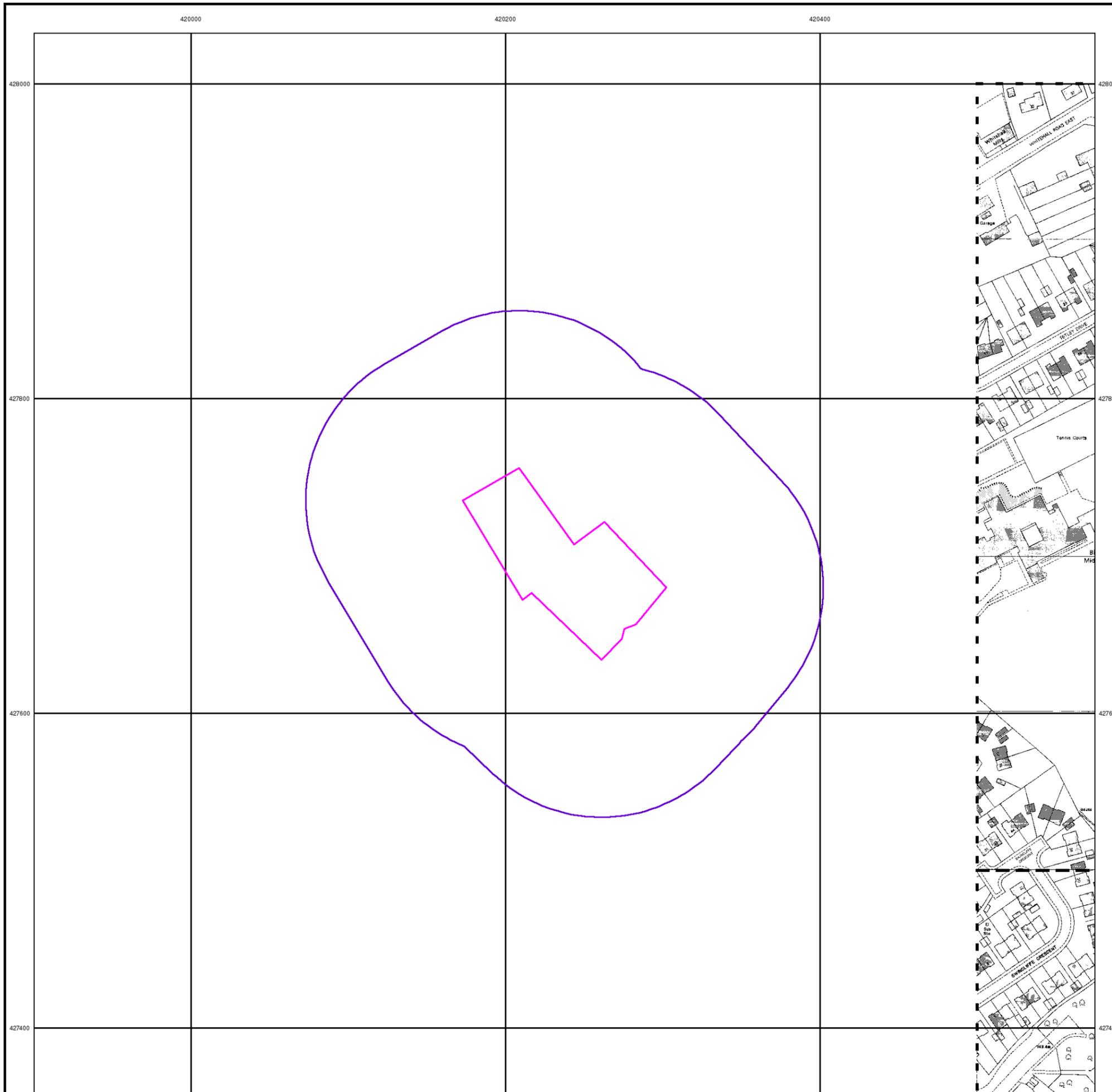


### Order Details

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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



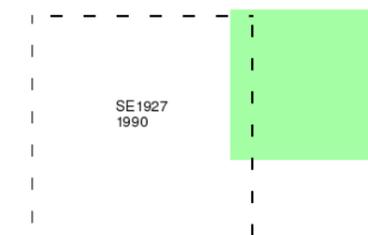
### Additional SIMs

Published 1990

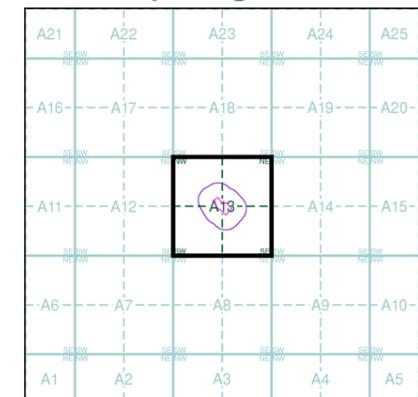
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

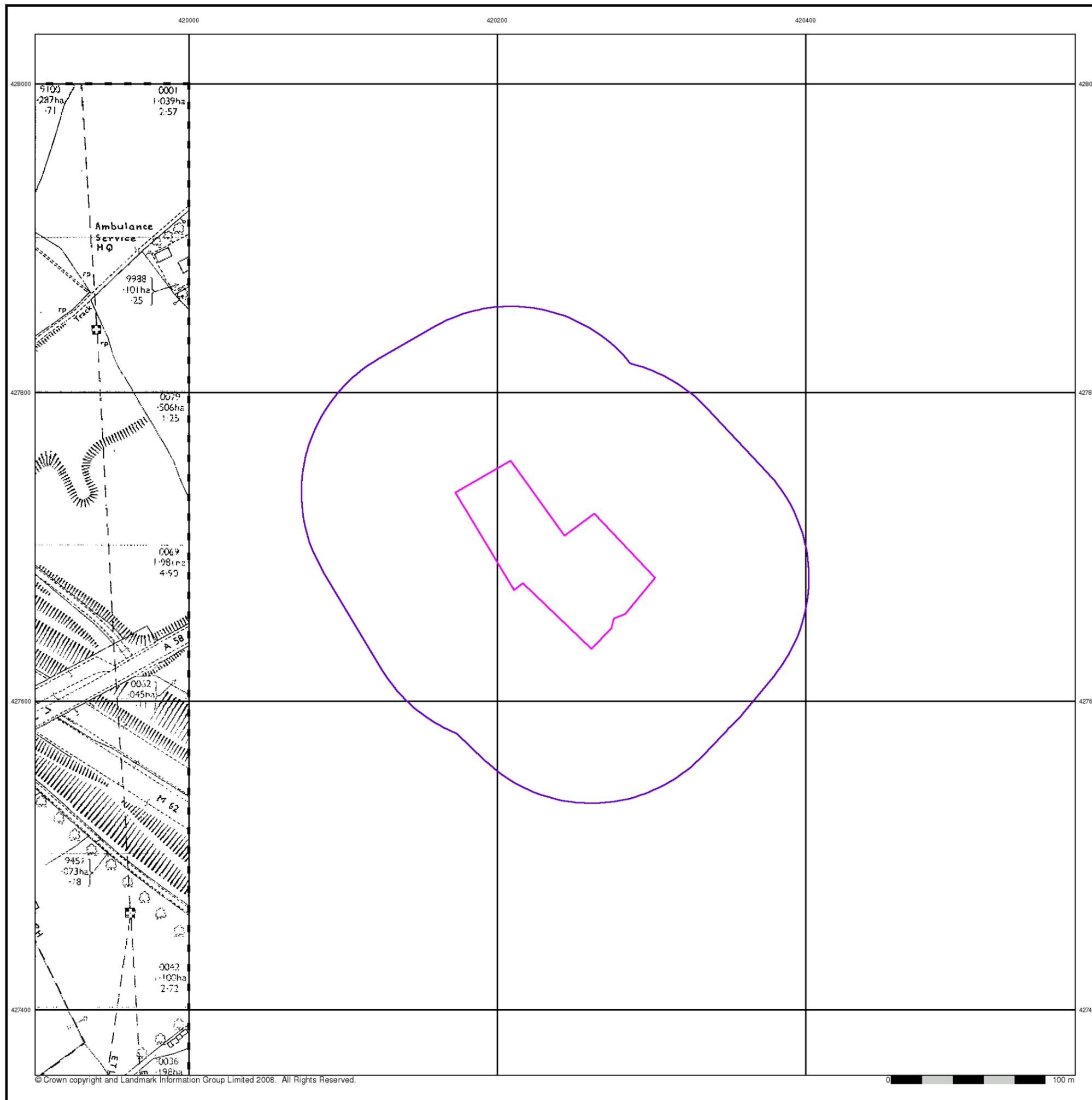


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



## Large-Scale National Grid Data

Published 1992

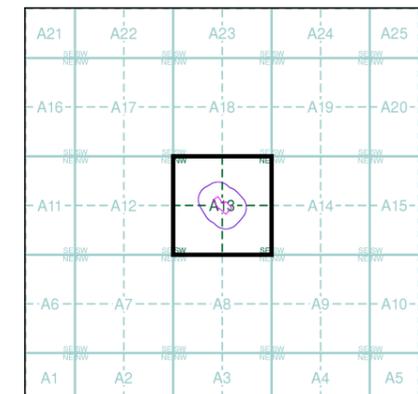
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

SE 1928	1992	
SE 1927	1992	

### Historical Map - Segment A13

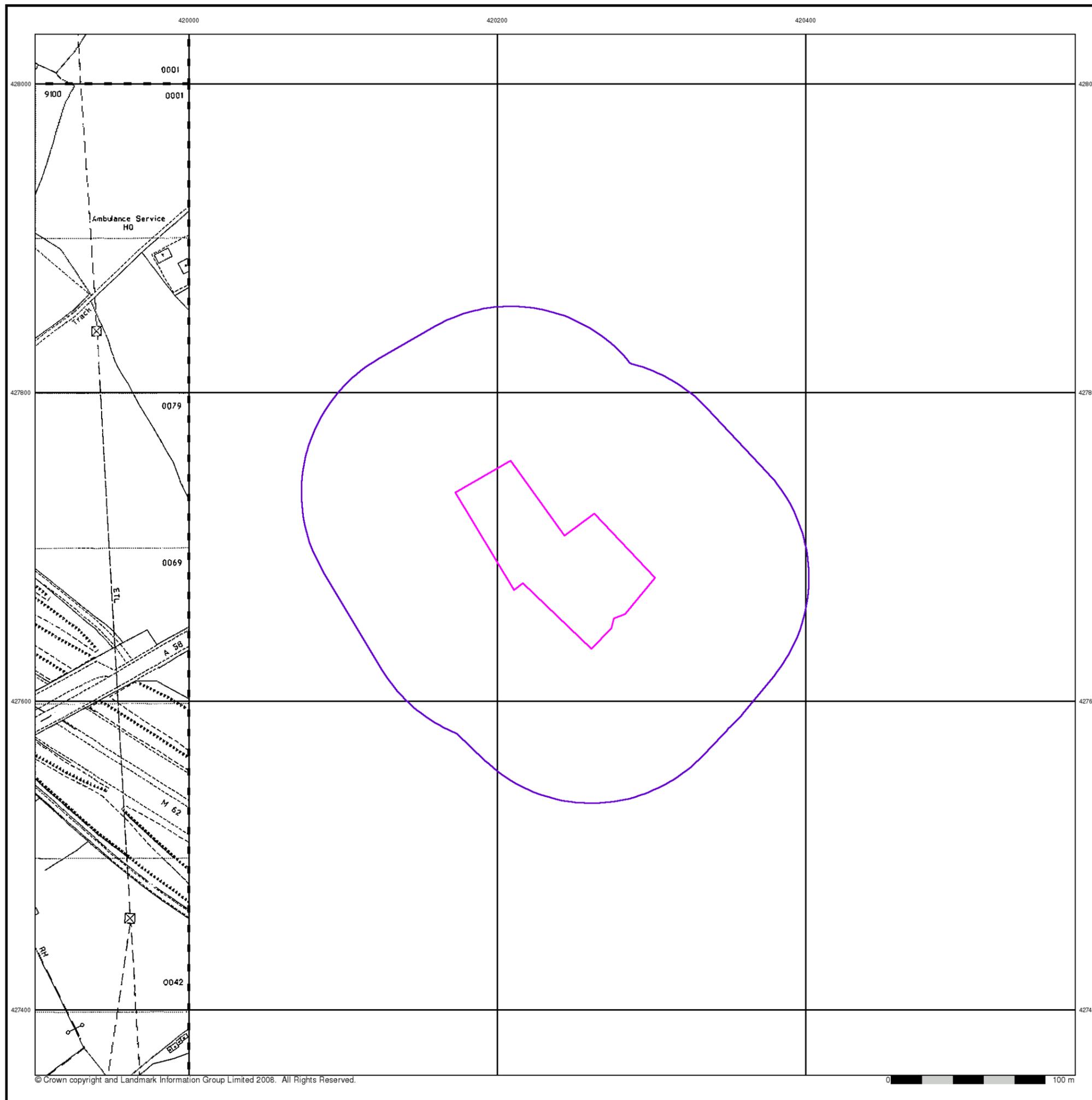


### Order Details

Order Number: 25128119\_1\_1  
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 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 100

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



## Large-Scale National Grid Data

Published 1993

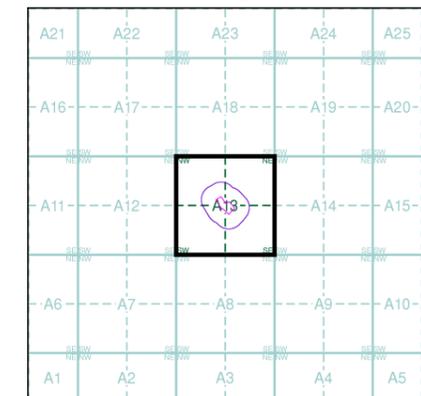
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)

SE2028SW	SE2028SE	1993	1993
SE2027NW	SE2027NE	1993	1993
SE2027SW	SE2027SE	1993	1993

### Historical Map - Segment A13

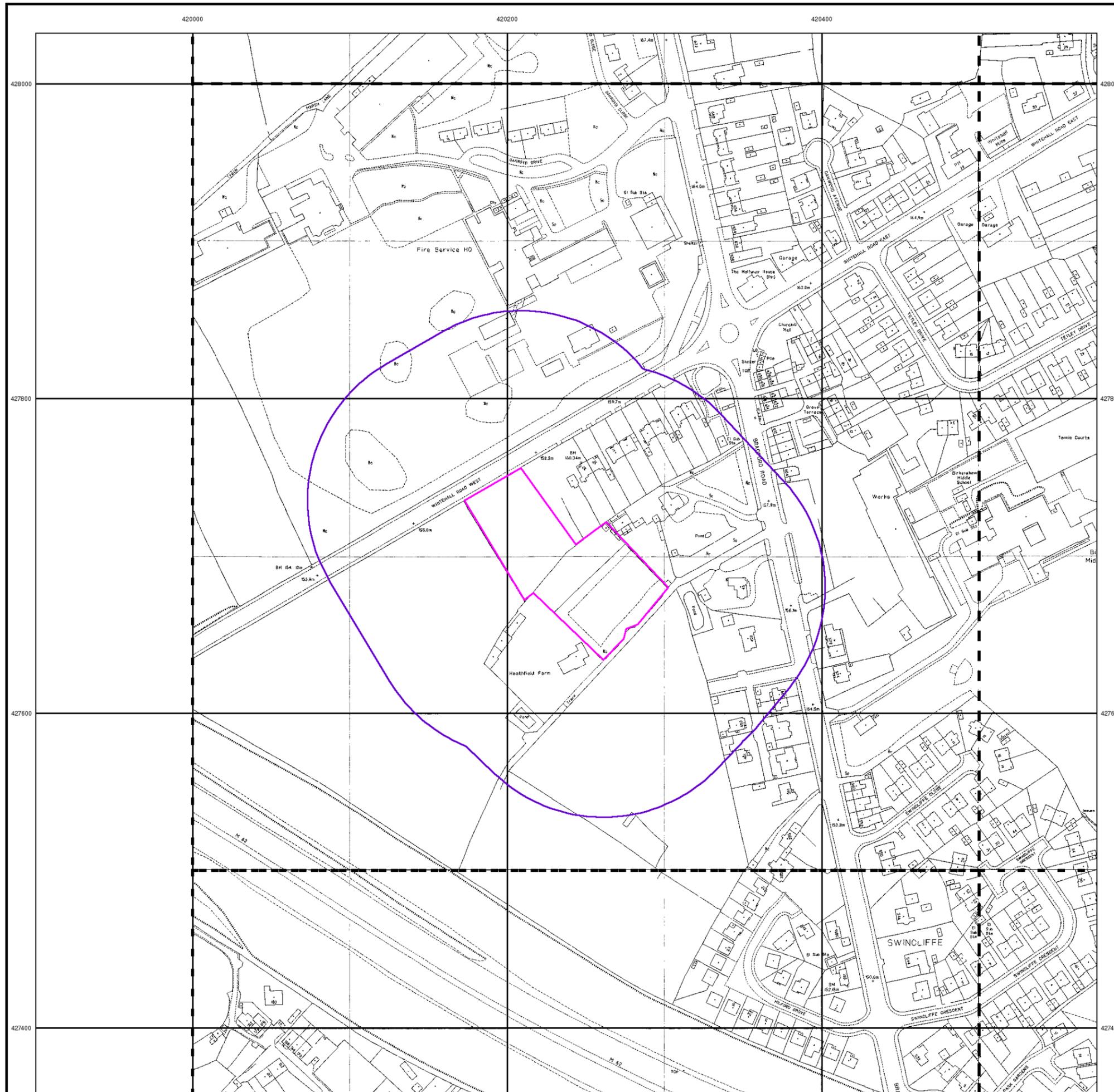


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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:10,560

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

## Ordnance Survey Plan 1:10,000

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

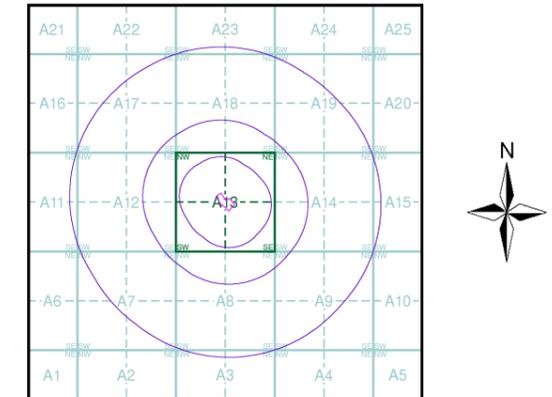
## 1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	BM 123.45 m Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

### Ordnance Survey mapping included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1852 - 1854	2
Yorkshire	1:10,560	1894	3
Yorkshire	1:10,560	1908	4
Yorkshire	1:10,560	1938	5
Ordnance Survey Plan	1:10,560	1955	6
Ordnance Survey Plan	1:10,560	1966 - 1967	7
Ordnance Survey Plan	1:10,000	1976	8
Ordnance Survey Plan	1:10,000	1984 - 1986	9
Ordnance Survey Plan	1:10,000	1991 - 1995	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2007	12

### Historical Map - Slice A

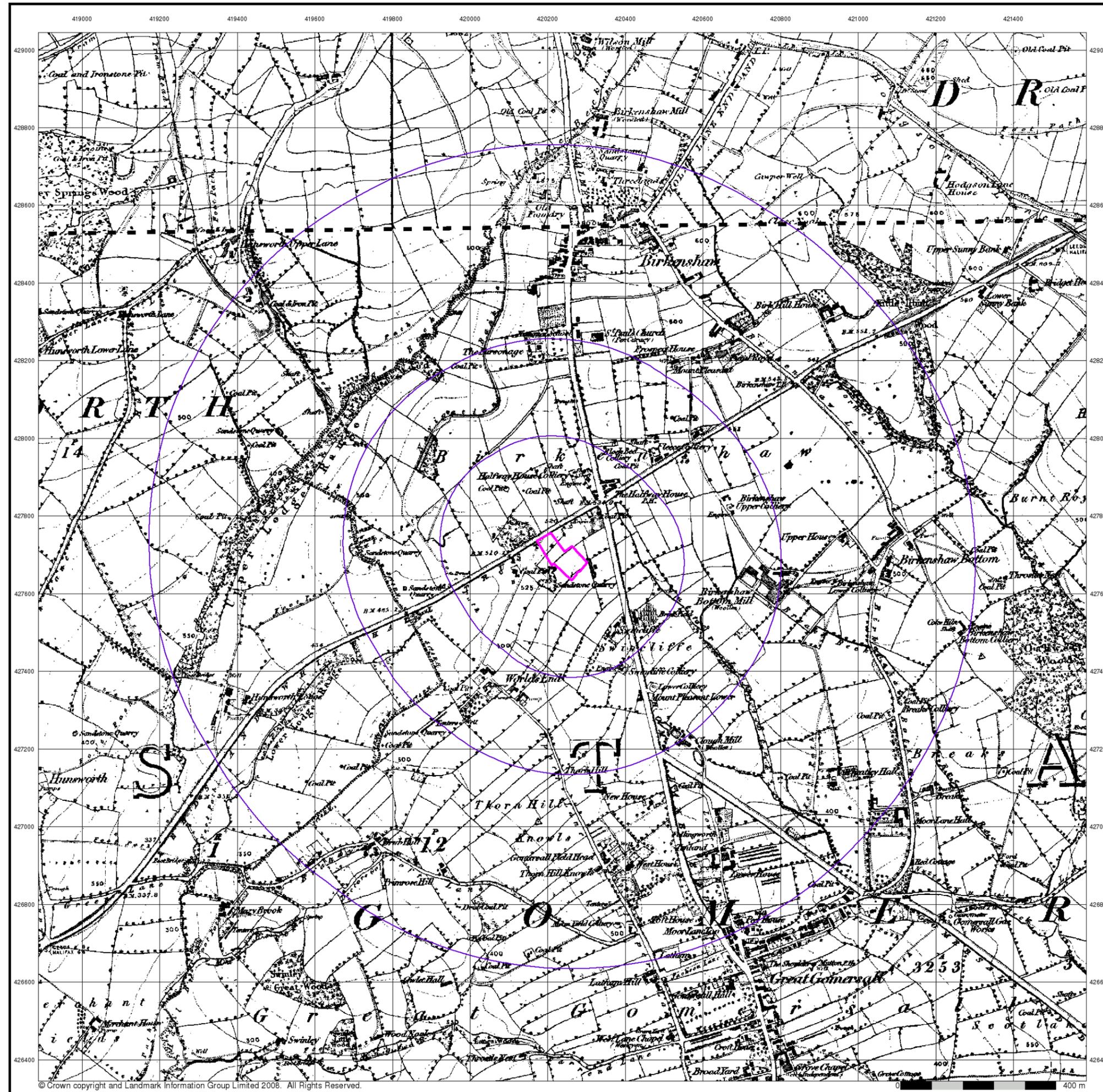


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

### Site Details

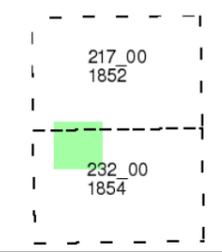
15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



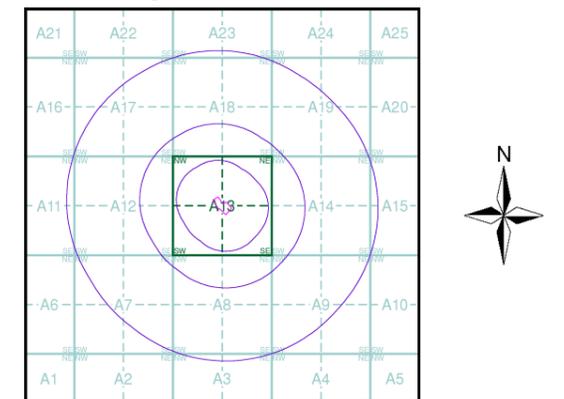
**Yorkshire**  
**Published 1852 - 1854**  
**Source map scale - 1:10,560**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



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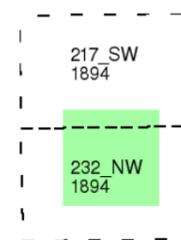
## Yorkshire

Published 1894

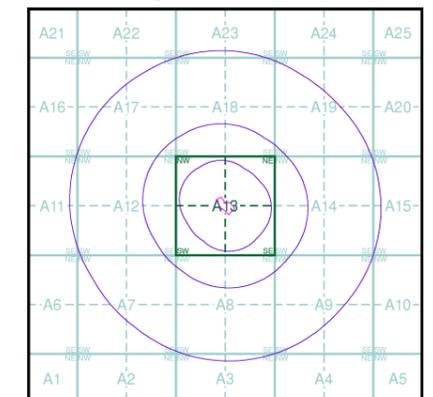
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

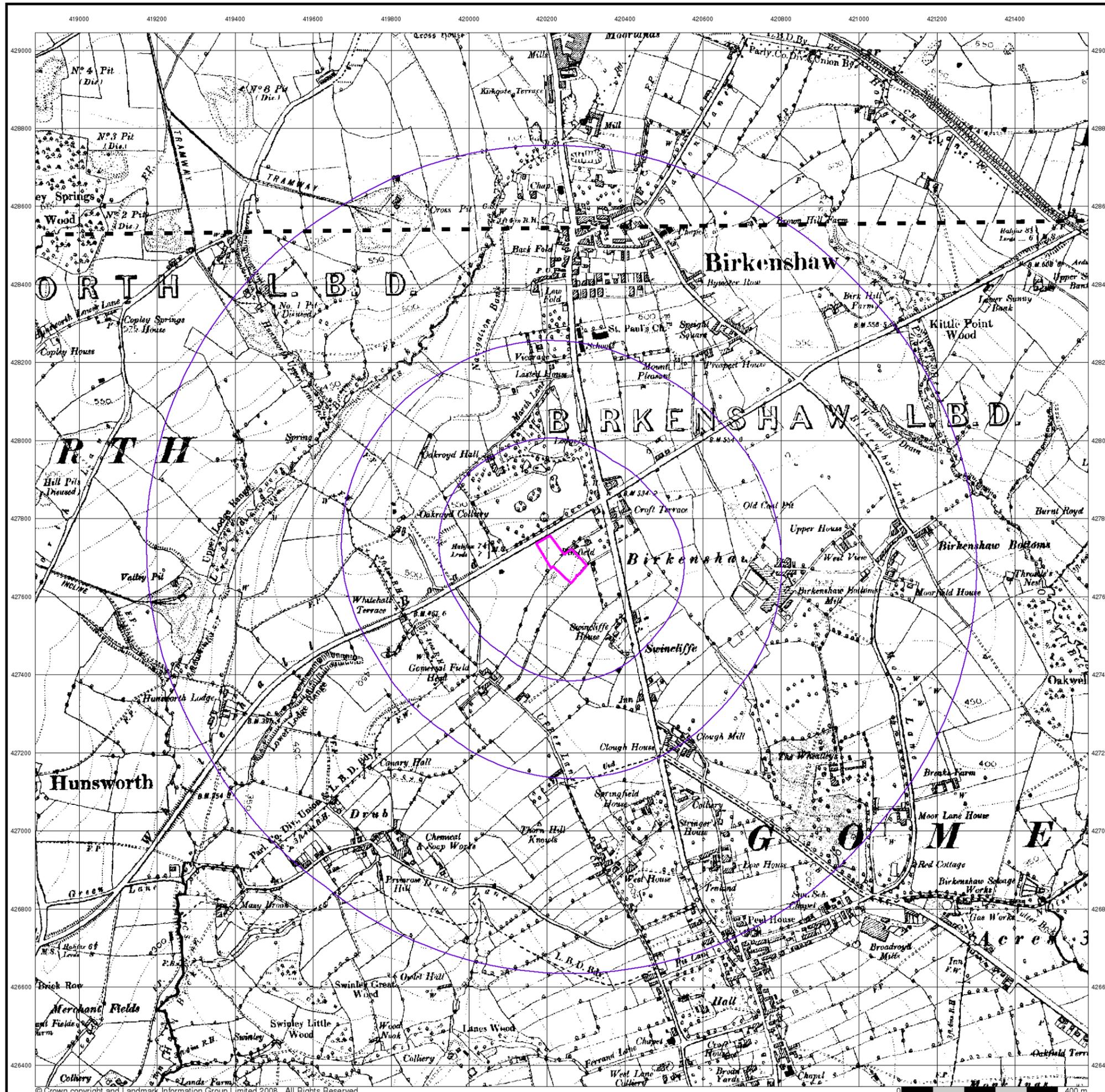


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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



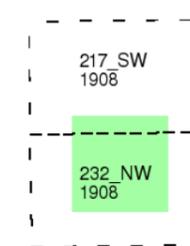
## Yorkshire

Published 1908

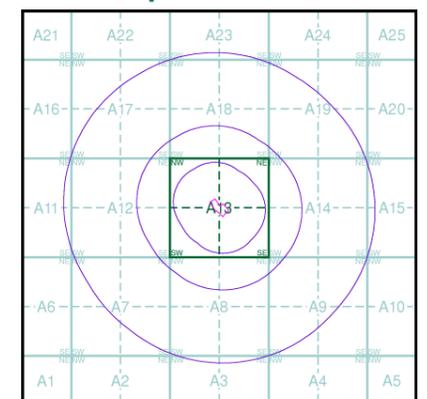
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 25128119\_1\_1  
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 National Grid Reference: 420240, 427700  
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 Site Area (Ha): 0.69  
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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



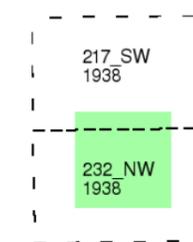
**Yorkshire**

**Published 1938**

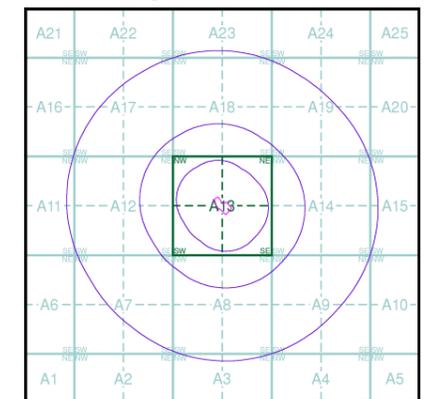
**Source map scale - 1:10,560**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

Order Number: 25128119\_1\_1  
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**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



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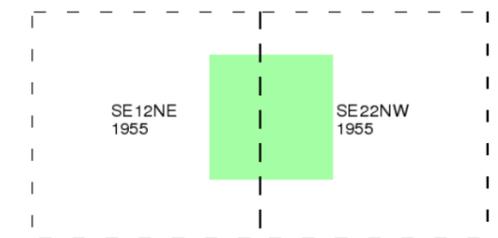
## Ordnance Survey Plan

Published 1955

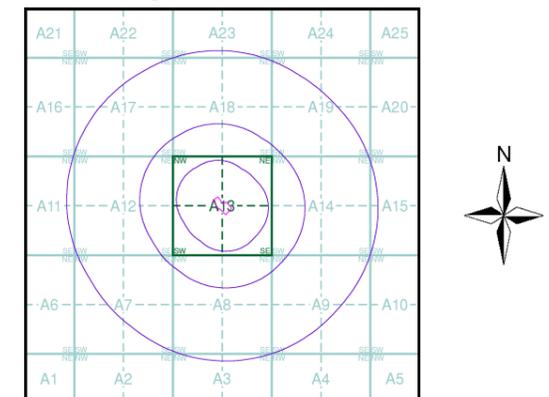
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

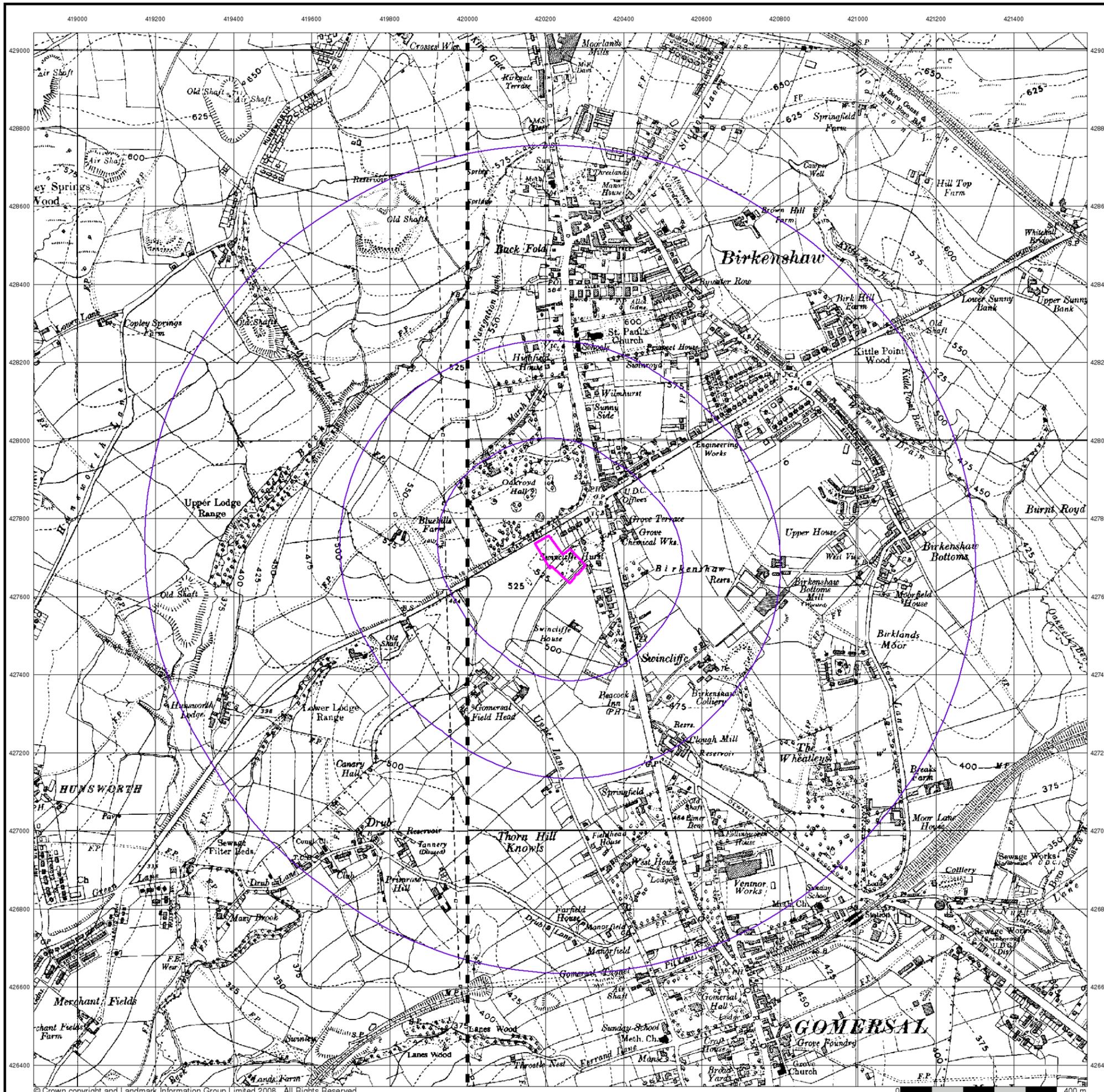


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15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



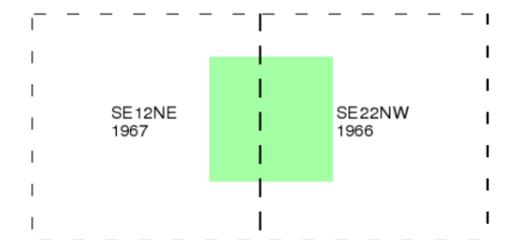
## Ordnance Survey Plan

Published 1966 - 1967

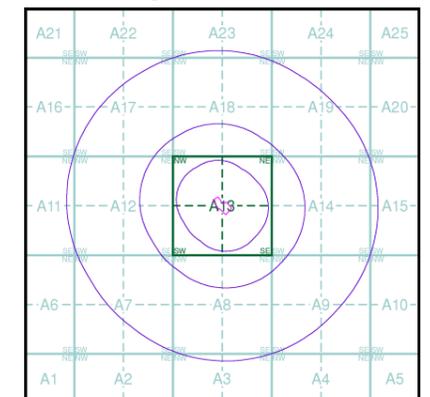
Source map scale - 1:10,560

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

## Map Name(s) and Date(s)



## Historical Map - Slice A

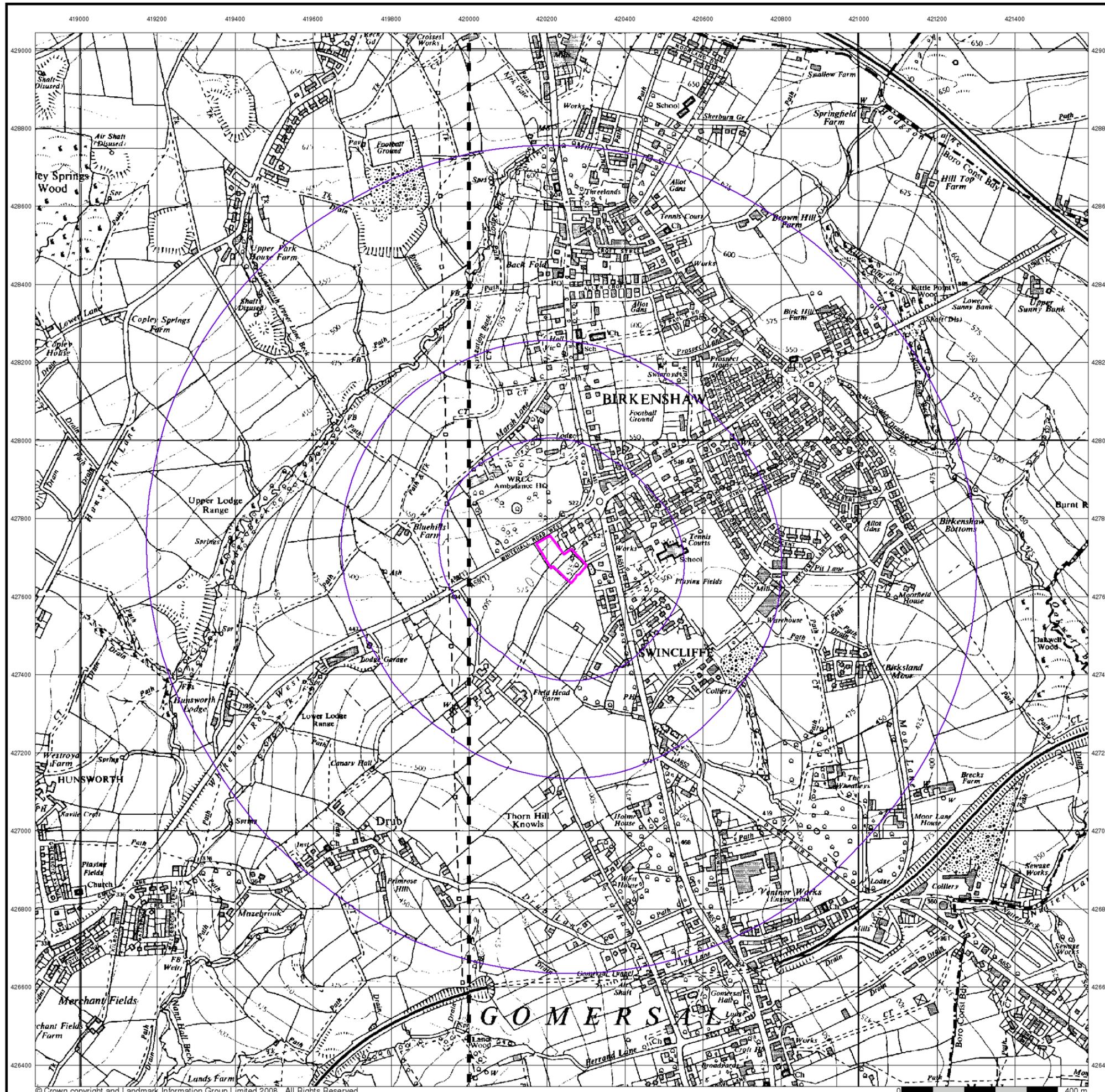


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Order Number: 25128119\_1\_1  
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15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



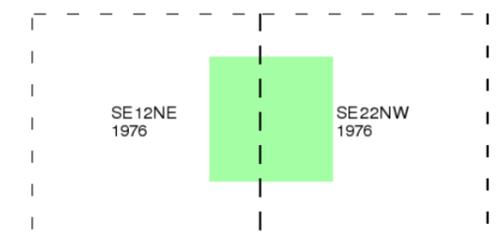
## Ordnance Survey Plan

Published 1976

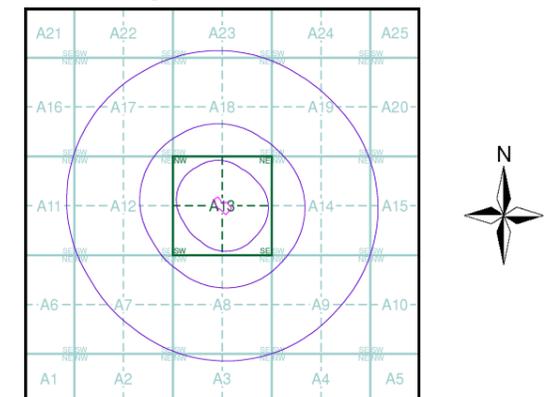
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

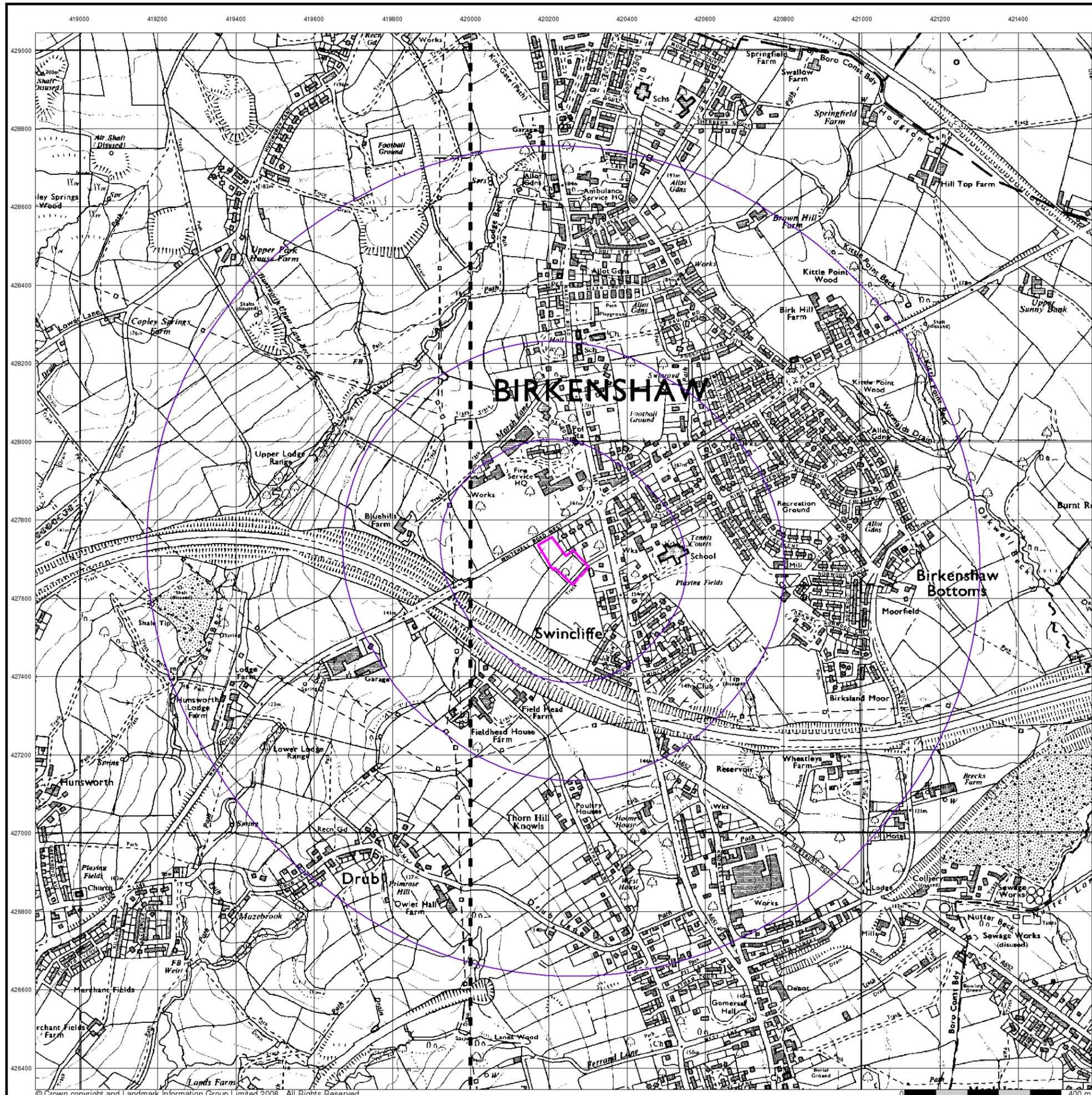


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15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



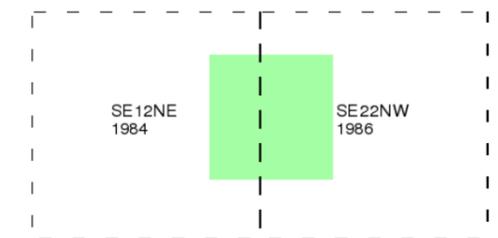
## Ordnance Survey Plan

Published 1984 - 1986

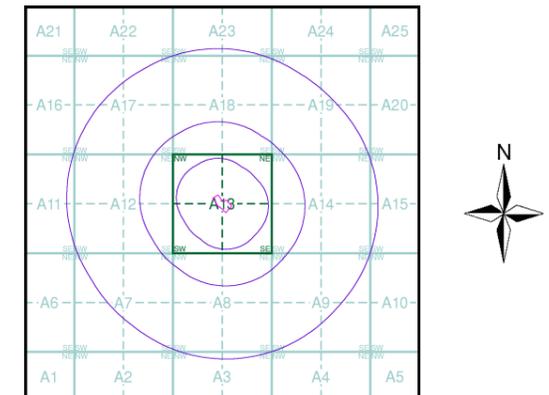
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

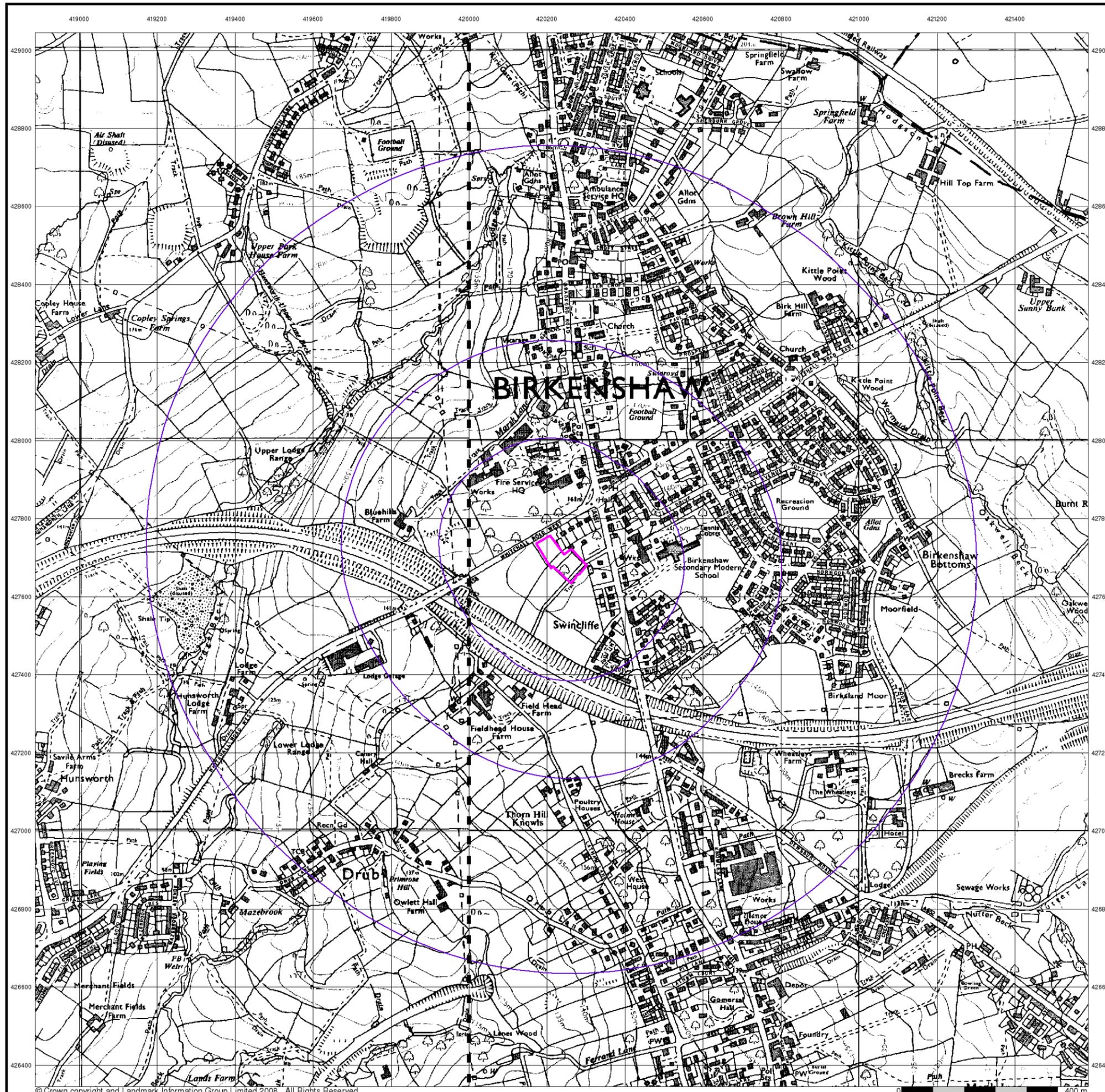


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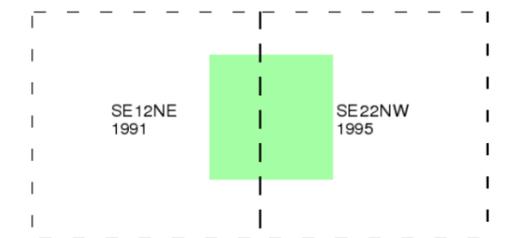
### Ordnance Survey Plan

Published 1991 - 1995

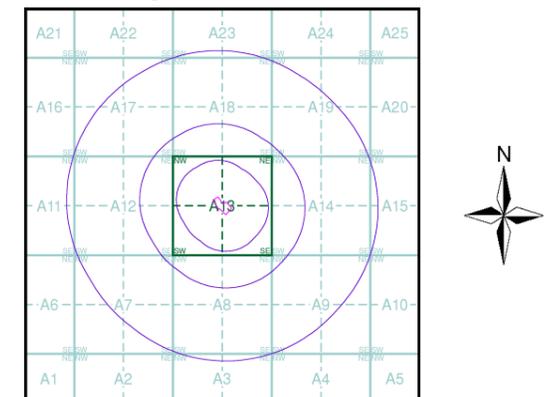
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

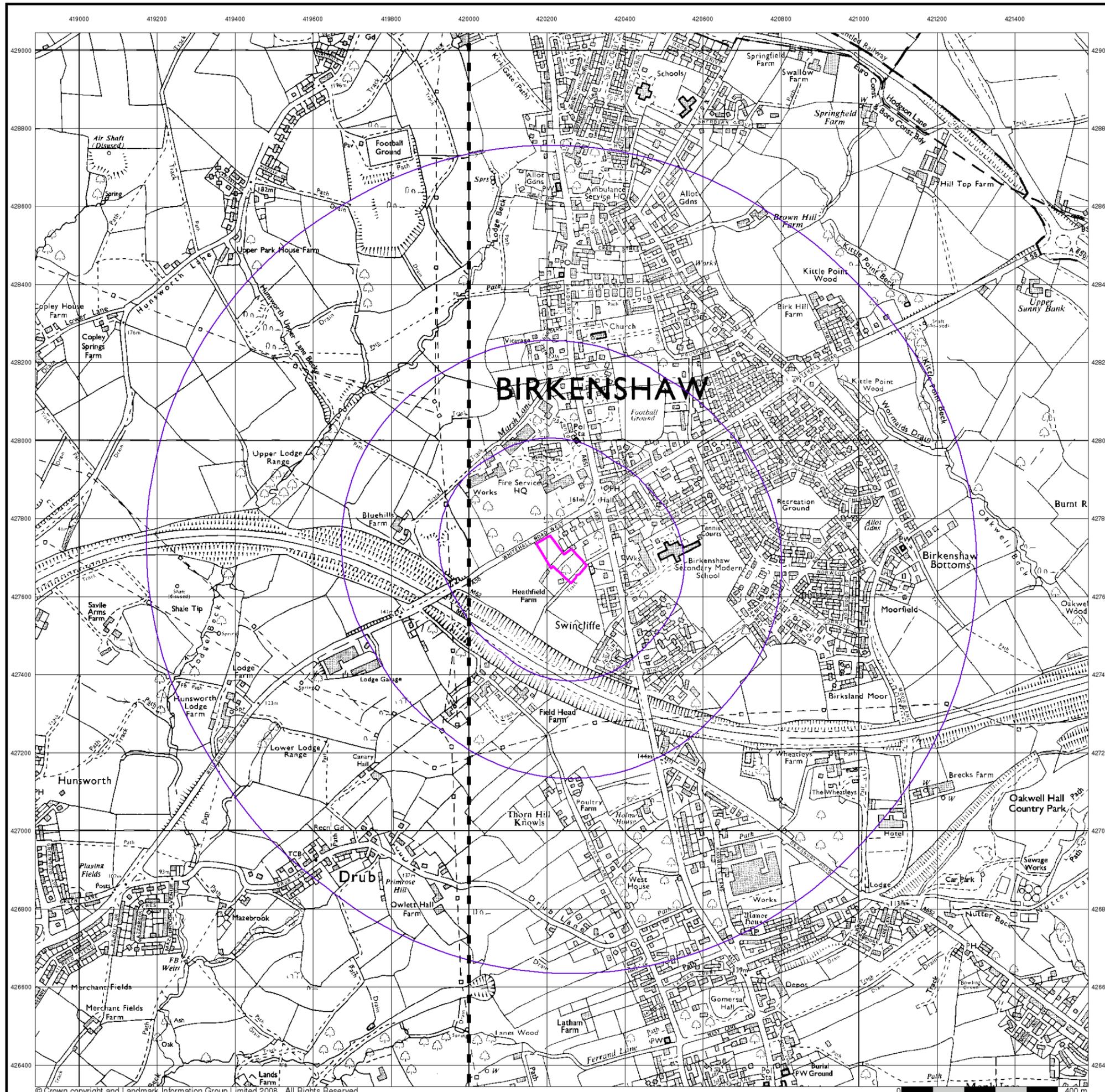


### Order Details

Order Number: 25128119\_1\_1  
 Customer Ref: NG7020/WHI  
 National Grid Reference: 420240, 427700  
 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



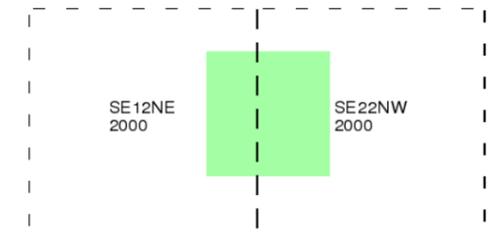
## 10K Raster Mapping

Published 2000

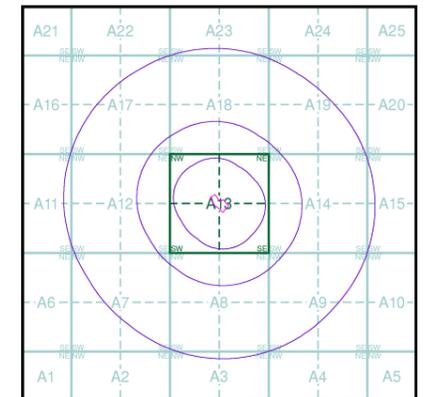
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

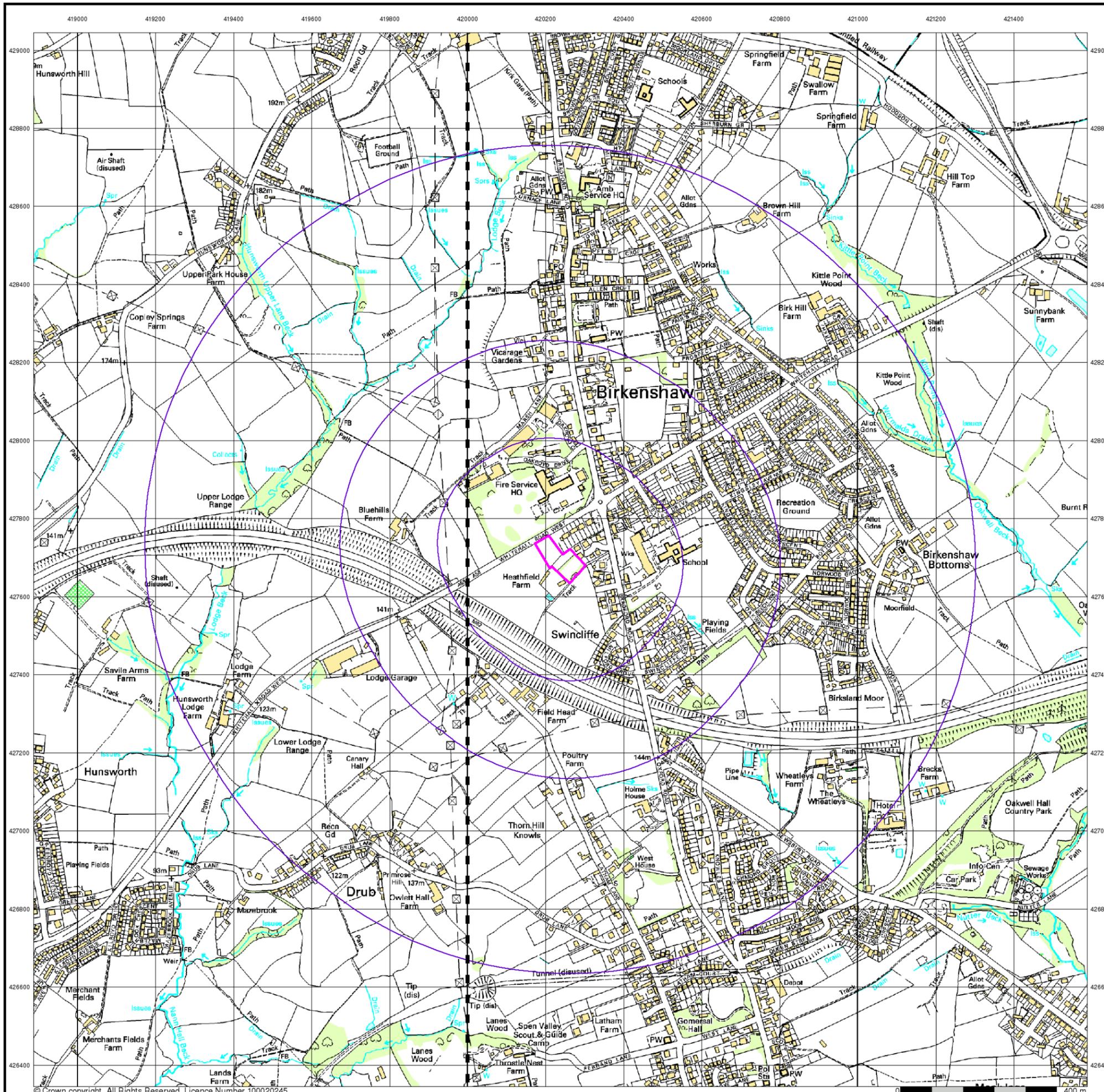


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### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS



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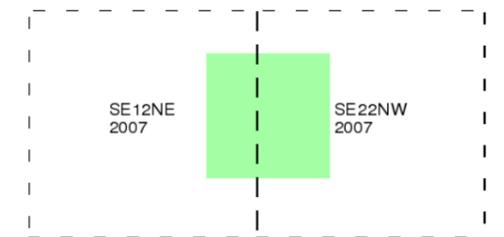
**10K Raster Mapping**

**Published 2007**

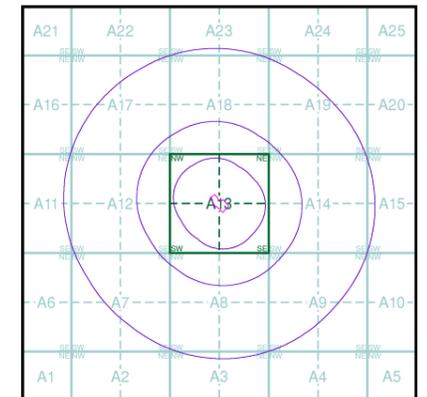
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**

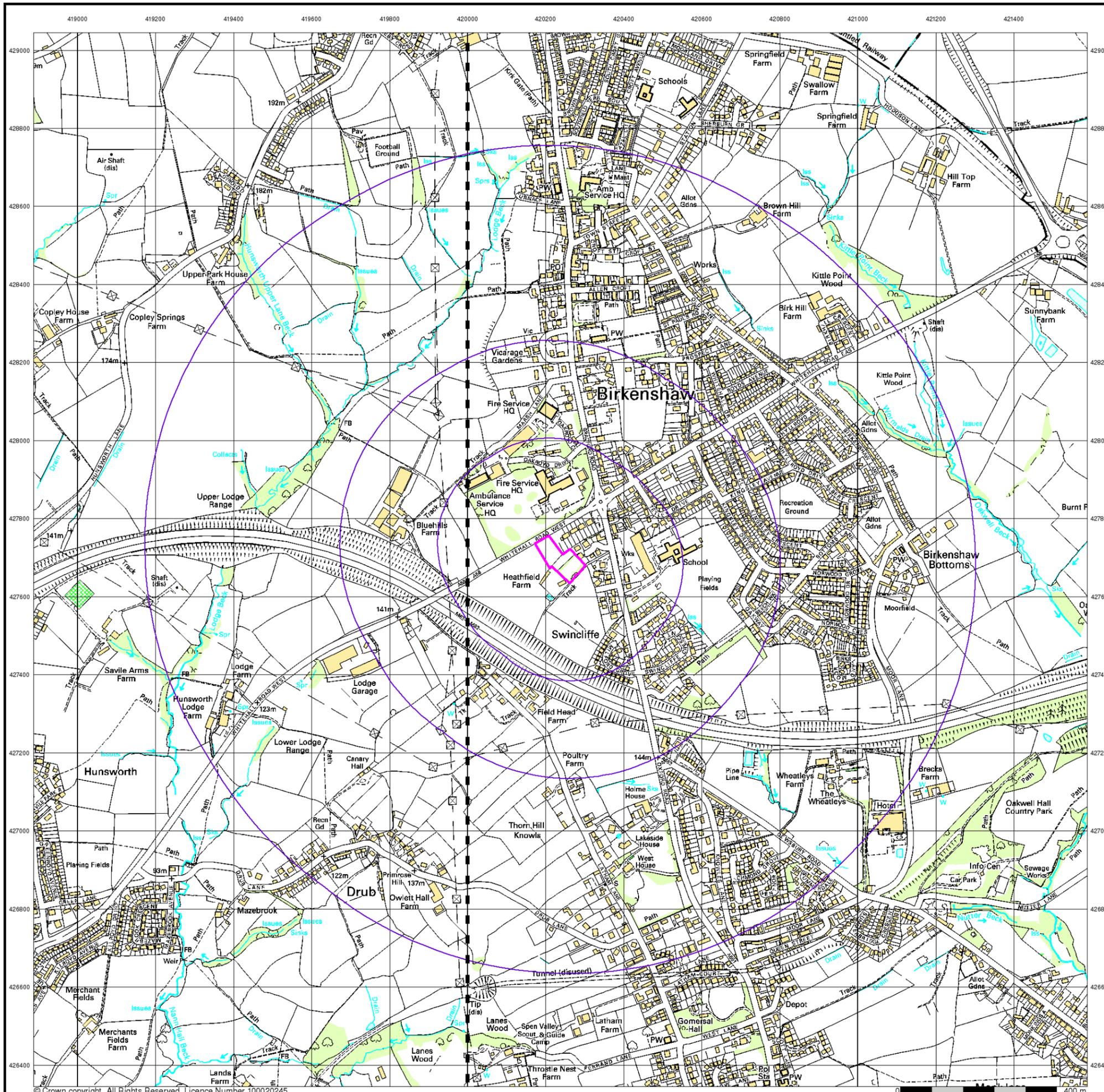


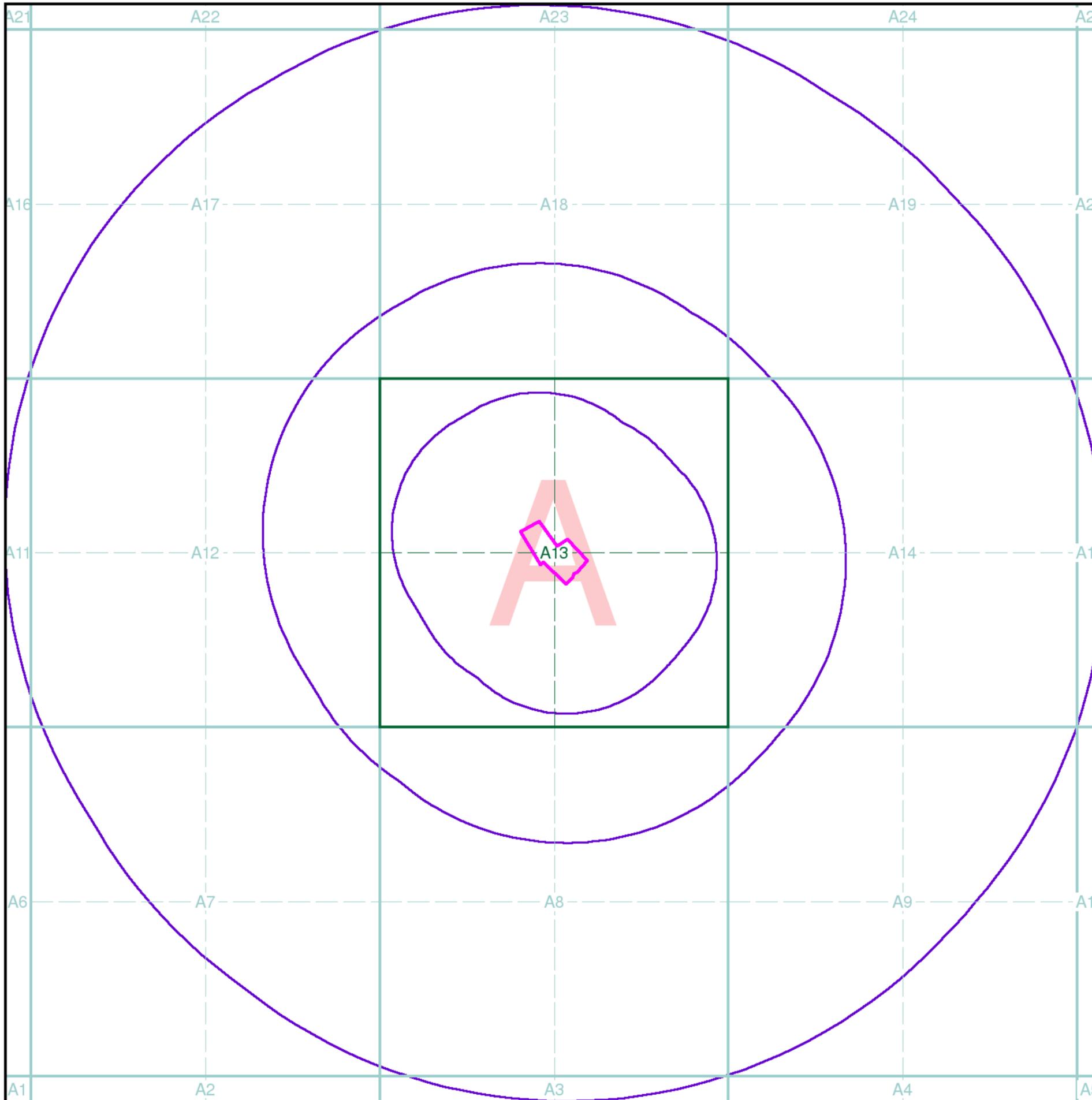
**Order Details**

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 Customer Ref: NG7020/WHI  
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 Slice: A  
 Site Area (Ha): 0.69  
 Search Buffer (m): 1000

**Site Details**

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS





### Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

#### Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

#### Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

#### Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

### Client Details

MR N Taylor, JNP Group, Woodvale House, Woodvale Road, Brighouse, West Yorkshire, HD6 4AB

### Order Details

Order Number: 25128119\_1\_1  
Customer Ref: NG7020/WHI  
National Grid Reference: 420240, 427690  
Site Area (Ha): 0.69  
Search Buffer (m): 1000

### Site Details

15 Whitehall Road West, Birkenshaw, BRADFORD, West Yorkshire, BD11 2LS

# LANDMARK TERMS AND CONDITIONS

Version 6.04 28 Jul 2007

## Definitions

**"Authorised Reseller"** means an agent or reseller of Landmark whom Landmark has duly appointed to resell its Reports and Services.

**"Content"** means any data, computing and information services and software, and other content and documentation or support materials and updates included in and/or supplied by or through the Websites, in Reports or Services or in any other way by Landmark and shall include Landmark developed and Third Party Content.

**"First Purchaser"** means the first person, or legal entity to purchase the Property Site following provision of a Report.

**"First Purchaser's Lender"** means the funding provider for the First Purchaser

**"Information Pack"** means a pack compiled by or on behalf of the owner or prospective buyer of the Property Site, designed to aid the marketing or purchase of the Property Site and containing information provided by or on behalf of the owner or prospective buyer of the Property Site.

**"Intellectual Property Rights"** means copyright, patent, design right (registered or unregistered), service or trade mark (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right.

**"Order"** means the request for Services from Landmark by You.

**"Property Site"** means a land site on which Landmark provides a Service.

References to **"We"**, **"Us"** and **"Our"** are references to Landmark Information Group Limited ("Landmark"), whose registered office is 7 Abbey Court, Eagle Way, Exeter, EX2 7HY. Where You are not ordering the Services directly from Landmark, but from an Authorised Reseller, references to "Landmark" or "We", "Us" and "Our" shall be construed so as to mean either Landmark and/or the Authorised Reseller as the context shall indicate.

References to **"You/Your/Yourself"** refer to the contracting party who accesses the Website or places an Order with Landmark.

**"Report"** includes any information that Landmark supplies to You including all reports, services, datasets, software or information contained in them.

**"Services"** means the provision of any service by Landmark pursuant to these Terms, including without limitation, any Report.

**"Landmark Fees"** means any charges levied by Landmark for Services provided to You.

**"Suppliers"** means any organisation who provides data or information of any form to Landmark.

**"Terms"** means these Terms & Conditions.

**"Third Party Content"** means the services, software, information and other content or functionality provided by third parties and linked to or contained in the Services.

**"Websites"** means websites hosted by Landmark and includes the Content and any report, service, document, data-set, software or information contained therein, derived there from or thereby.

## 1. Terms & Conditions

a. These Terms govern the relationship between You and Landmark whether You are an unregistered visitor to the Website or are purchasing Services. Where these Terms are not expressly accepted by You they will be deemed to have been accepted by You, and You agree to be bound by these Terms when You place any Order, or pay for any Services provided

b. If the person communicating with Landmark is an Authorised Reseller, they must ensure that You agree to these Terms.

c. The headings in these Terms are for convenience only and shall not affect the meaning or interpretation of any part of these Terms.

d. Landmark may modify these Terms, and may discontinue or revise any or all other aspects of the Services at our sole discretion, with immediate effect and without prior notice, including without limitation changing the Services available at any given time. Any amendment or variation to these Terms shall be posted on our Websites. Continued use of the Services by You shall be deemed an acceptance by You to be bound by any such amendments to the Terms.

e. These Terms, together with the prices and delivery details set out on our Websites, Landmark's Privacy Policy and Your Order comprise the whole agreement relating to the supply of Services to You by Landmark. No prior stipulation, agreement, promotional material or statement whether written or oral made by any sales or other person or representative on our behalf should be understood as a variation of these Terms. Save for fraud or misrepresentation, Landmark shall have no liability for any such representation being untrue or misleading.

f. These Terms shall prevail at all times to the exclusion of all other terms and conditions including any terms and conditions which You may purport to apply even if such other provisions are submitted in a later document or purport to exclude or override these Terms and neither the course of conduct between parties nor trade practice shall act to modify these Terms.

## 2. Services

a. Landmark will use reasonable care and skill in providing the Services to You, however, the Services are provided on the express basis that the information and data supplied in the Services are derived from third party sources and Landmark does not warrant the accuracy or completeness of such information or data. Such information is derived solely from those sources specifically cited in the Services and Landmark does not claim that these sources represent an exhaustive or comprehensive list of all sources that might be consulted.

## 3. Intellectual Property

a. You acknowledge that all Intellectual Property Rights in the

Services are and shall remain owned by either Landmark or our Suppliers and nothing in these Terms purports to transfer, assign or grant any rights to You in respect of the Intellectual Property Rights.

b. Subject always to these Terms You may, without further charge, make the Services available to:

i. the owner of the Property at the date of the Report,

ii. any person who purchases the whole of the Property Site,

iii. any person who provides funding secured on the whole of the Property Site,

iv. any person for whom You act in a professional or commercial capacity,

v. any person who acts for You in a professional or commercial capacity; and

vi. prospective buyers of the Property Site as part of an Information Pack but for the avoidance of doubt, Landmark shall have no liability to such prospective buyer unless the prospective buyer subsequently purchases the Property Site, and the prospective (or actual) buyer shall not be entitled to make the Service available to any other third party.

Accordingly Landmark shall have the same duties and obligations to those persons in respect of the Services as it has to You.

c. Each of those persons referred to in clause 3.b. shall have the benefit and the burden of Your rights and obligations under these Terms. The limitations of Landmark's liability as set out in clause 6 shall apply to all users of the Service in question in aggregate and Landmark shall not be liable to any other person.

d. All parties given access to the Services agree that they will treat as strictly private and confidential the Services and all information which they obtain from the Services and shall restrict any disclosure to employees or professional advisors to enable the relevant party to conduct its internal business. The requirement in this clause to treat the Services as confidential shall include a requirement to maintain adequate security measures to safeguard the Services from unauthorised access, use or copying.

e. Each recipient of the Services agrees (and agrees it will cause its employees, agents or contractors who may from time to time have access to the Services to agree) it will not, except as permitted herein or by separate agreement with Landmark:-

i. effect or attempt to effect any modification, merger or change to the Service, nor permit any other person to do so; or

ii. copy, use, market, re-sell, distribute, merge, alter, add to or carry on any redistribution, reproduction, translation, publication, reduction to any electronic medium or machine readable form or commercially exploit or in any other way deal with or utilise or (except as expressly permitted by applicable law) reverse engineer, decompile or disassemble the Services, Content or Website; or

iii. remove, alter or in any way change any trademark or proprietary marking in any element of the Services and You shall acknowledge the ownership of the Content, where such Content is incorporated or used into Your own documents, reports, systems or services whether or not these are supplied to any third party.

iv. create any product which is derived directly or indirectly from the data contained in the Services

f. The mapping contained in any Services is protected by Crown Copyright and must not be used for any purpose outside the context of the Services or as specifically provided by these Terms.

g. You are permitted to make five copies of any Report, but are not authorised to re-sell the Report, any part thereof or any copy thereof unless you are an Authorised Reseller. Further copies may not be made in whole or in part without the prior written permission of Landmark who shall be entitled to make a charge for each additional copy.

## 4. Charges

a. VAT at the prevailing rate shall be payable in addition to the Landmark Fees. You shall pay any other applicable indirect taxes related to Your use of the Services.

b. An individual or a monthly invoice showing all Orders created by You will be generated subject to these Terms. You will pay the Landmark Fees at the rates set out in Landmark's or its Authorised Reseller's invoice. The Landmark Fees are payable in full within 30 days without deduction, counterclaim or set off. You acknowledge that time is of the essence with respect to the payment of such invoices. Landmark reserve the right to amend the Landmark Fees from time to time and the Services will be charged at the Landmark Fee applicable at the date on which the Service is ordered.

c. We may charge interest on late payment at a rate equal to 3% per annum above the base lending rate of National Westminster Bank plc.

d. Landmark or its Authorised Reseller shall not be obliged to invoice any party other than You for the provision of Services, but where Landmark or its Authorised Reseller does so invoice any third party at Your request, and such invoice is not accepted or remains unpaid, Landmark or its Authorised Reseller shall have the option at any time to cancel such invoice and invoice You direct for such Services. Where Your order comprises a number of Services or severable elements within any one or more Services, any failure by Landmark or its Authorised Reseller

to provide an element or elements of the Services shall not prejudice Landmark's or its Authorised Reseller's ability to require payment in respect of the Services delivered to You.

## 5. Termination

a. Landmark may suspend or terminate Your rights under these Terms without any liability to You with immediate effect if at any time:-

i. You fail to make any payment due in accordance with clause 4;

ii. You repeatedly breach or commit or cause to be committed any material breach of these Terms; or

iii. You commit a breach and You fail to remedy the breach within 7 days of receipt of a written notice to do so; additionally, without prejudice to the foregoing, Landmark may remedy the breach and recover the costs thereof from You.

b. If Your rights are terminated under this clause and You have made an advance payment We will refund You a reasonable proportion of the balance as determined by Us in relation to the value of Services previously purchased.

c. Landmark reserves the right to refuse to supply any or all Services to You without notice or reason.

## 6. Liability

a. We provide warranties and accept liability only to the extent stated in this clause 6 and clause 7.

b. Nothing in these Terms excludes either party's liability for death or personal injury caused by that party's negligence or wilful default, and the remainder of this clause 6 is subject to this provision and Your statutory rights.

c. As most of the information contained in the Services is provided to Landmark by others, Landmark cannot control its accuracy or completeness, nor is it within the scope of Landmark's Services to check the information on the ground. Accordingly, Landmark will only be liable to You for any loss or damage caused by its negligence or wilful default and subject to clause 6.o below neither Landmark nor any person providing information contained in any Services shall in any circumstances be liable for any inaccuracies, faults or omissions in the Services, nor shall Landmark have any liability if the Services are used otherwise than in accordance with these Terms.

d. Save as precluded by law, Landmark shall not be liable for any indirect or consequential loss, damage or expenses (including loss of profits, loss of contracts, business or goodwill) howsoever arising out of any problem, event, action or default by Landmark.

e. In any event, and notwithstanding anything contained in these Terms, Landmark's liability in contract, tort (including negligence or breach of statutory duty) or otherwise howsoever arising by reason or in connection with this Contract (except in relation to death or personal injury) shall be limited to an aggregate amount not exceeding £1 million if the complaint is in relation to a Report on residential property and an aggregate amount not exceeding £10 million in respect of any other Report or Service purchased from Landmark.

f. Landmark will not be liable for any defect, failure or omission relating to Services that is not notified to Landmark within six months of the date of the issue becoming apparent and in any event, within twelve years of the date of the Service.

g. You acknowledge that:-

i. Subject to clause 6.o below You shall have no claim or recourse against any Third Party Content supplier nor any of our other Suppliers. You will not in any way hold us responsible for any selection or retention of, or the acts or omissions of Third Party Content suppliers or other Suppliers (including those with whom We have contracted to operate various aspects or parts of the Service) in connection with the Services (for the avoidance of doubt Landmark is not a Third Party Content supplier). Landmark does not promise that the supply of the Services will be uninterrupted or error free or provide any particular facilities or functions, or that the Content will always be complete, accurate, precise, free from defects of any other kind, computer viruses, software locks or other similar code although Landmark will use reasonable efforts to correct any inaccuracies within a reasonable period of them becoming known to us;

ii. Landmark's only obligation is to exercise reasonable skill and care in providing environmental property risk information to persons acting in a professional or commercial capacity who are skilled in the use of property and environmental information and You hereby acknowledge that You are such a person;

iii. no physical inspection of the Property Site reported on is carried out as part of any Services offered by Landmark and Landmark do not warrant that all land uses or features whether past or current will be identified in the Services. The Services do not include any information relating to the actual state or condition of any Property Site nor should they be used or taken to indicate or exclude actual fitness or unfitness of a Property Site for any particular purpose nor should it be relied upon for determining saleability or value or used as a substitute for any physical investigation or inspection. Landmark recommends that You inspect and take other advice in relation to the Property Site and not rely exclusively on the Services.

iv. Subject to clause 6.o below, Landmark shall not be responsible for error or corruption in the Services

resulting from inaccuracy or omission in primary or secondary information and data, inaccurate processing of information and data by third parties, computer malfunction or corruption of data whilst in the course of conversion, geo-coding, processing by computer or electronic means, or in the course of transmission by telephone or other communication link, or printing.

v. Landmark will not be held liable in any way if a Report on residential property is used for commercial property or more than the one residential property for which it was ordered.

vi. the Services have not been prepared to meet Your or anyone else's individual requirements; that You assume the entire risk as to the suitability of the Services and waive any claim of detrimental reliance upon the same; and You confirm You are solely responsible for the selection or omission of any specific part of the Content;

vii. Landmark offer no warranty for the performance of any linked internet service not operated by Landmark;

viii. You will on using the Services make a reasonable inspection of any results to satisfy Yourself that there are no defects or failures. In the event that there is a material defect You will notify us in writing of such defect within seven days of its discovery;

ix. Any support or assistance provided to You in connection with these Terms is at Your risk; All liability for any insurance products purchased by You rests solely with the insurer. Landmark does not endorse any particular product or insurer and no information contained within the Services should be deemed to imply otherwise. You acknowledge that if You Order any such insurance Landmark will deem such as Your consent to forward a copy of the Report to the insurers. Where such policy is purchased, all liability remains with the insurers and You are entirely responsible for ensuring that the insurance policy offered is suitable for Your needs and should seek independent advice. Landmark does not guarantee that an insurance policy will be available on a Property Site. All decisions with regard to the offer of insurance policies for any premises will be made solely at the discretion of the insurers and Landmark accepts no liability in this regard.

The provision of a Report does not constitute any indication by Landmark that insurance will be available on the property.

i. Professional opinions contained in Reports are provided to Landmark by third parties, and such third parties are solely liable for the opinion provided. For the avoidance of doubt, those parties providing assessments or professional opinions on Landmark products include RPS Plc & Wilbourn Associates Limited, and any issues with regard to the provision of such opinion should be taken up with the relevant third party.

If Landmark provides You with any additional service obtained from a third party, including but not limited to any interpretation or conclusion, risk assessment or environmental report or search carried out in relation to a Report on Your Property Site, subject to clause 6.o below Landmark will not be liable in any way for any information contained therein or any issues arising out of the provision of those additional services to You. Landmark will be deemed to have acted as an agent in these circumstances and the supply of these additional services will be governed by the terms and conditions of those Third Parties.

In any event no person may rely on a Service more than 12 months after its original date.

k. If You wish to vary any limitation of liability as set out in these Terms, You must request such variation prior to ordering the Service. Landmark shall use its reasonable endeavours to agree such variation but shall not be obliged to do so.

l. Time shall not be of the essence with respect to the provision of the Services.

m. Ordnance Survey have undertaken a positional accuracy improvement programme which may result in discrepancies between the positioning of features used in datasets in the Services and the updated Ordnance Survey mapping. Subject to clause 6.o below, Landmark and its Suppliers exclude all and any liability incurred as a result of the implementation of such positional accuracy improvement programme.

Where Landmark provides its own risk assessment in connection with any Report, Landmark shall carry out such assessment with all reasonable skill and care but shall have no liability for any such risk assessment conclusion which is provided for information only, save where Landmark conducted the same negligently, in which case the provisions of clause 6 shall apply. Notwithstanding the provision of any such risk assessment conclusion you should carefully examine the remainder of the Report and should not take or refrain from taking any action based solely on the basis of the risk assessment. For the avoidance of doubt, the provisions of this clause 6n apply solely to risk assessments conducted by Landmark, and the provision of any other risk assessment by a third party shall be governed by such third party's terms in accordance with the provisions of clause 6i above.

o. Landmark obtains much of the information contained in its Report from third parties. Landmark will not accept any liability to You for any negligent or incorrect entry, or error or corruption in the Third Party Content supplied to Landmark, but Landmark's Suppliers may be liable for such negligent or incorrect entries, or errors or corruptions,

subject to the terms and conditions on which they supply the Third Party Content to Landmark.

## 7. Contribution

a. Save where expressly provided, this clause 7 shall apply solely to Envirosearch Residential Reports (regardless of the result of such Report). Nothing in this clause 7 shall operate to override or vary the provisions of clause 6.

b. Landmark are prepared to offer, at their sole discretion, and without any admission or inference of liability a contribution towards the costs of any remediation works required under a Notice (as defined below) on the terms of this clause 7 ("the Contribution")

c. In the event that a Remediation Notice is served on the First Purchaser or First Purchaser's Lender of a Property Site under Part II(A) of the Environmental Protection Act 1990 ("the Notice") Landmark will contribute to the cost of such works as either the First Purchaser or First Purchaser's Lender (but not both) are required to carry out under the Notice subject to the provisions of this clause 7 and on the following terms:

i. the Contribution shall only apply to contamination or a pollution incident present or having occurred prior to the date of the Report;

ii. the Contribution shall only apply where the Property Site is a single residential dwelling house or a single residential flat within a block of flats. For the avoidance of doubt, this obligation does not apply to any commercial property, nor to any Property Site being developed or redeveloped whether for residential purposes or otherwise;

iii. the Contribution is strictly limited to the cost of works at the Property Site and at no other site.

iv. the Contribution will not be paid in respect of any of the following:

Radioactive contamination of whatsoever nature, directly or indirectly caused by or contributed to or arising from ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel or the radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

Asbestos arising out of or related in any way to asbestos or asbestos-containing materials on or in structures or services serving the structures. Naturally occurring materials arising from the presence or required removal of naturally occurring materials except in circumstances where such materials are present in concentrations which are in excess of their natural concentration.

Intentional non-compliance arising from the intentional disregard of or knowing wilful or deliberate non-compliance by any owner or occupier of the Property Site with any statute, regulation, administrative complaint, notice of violation, or notice letter of any Regulatory Authority.

Any condition which is known or ought reasonably to have been known to the First Purchaser or the First Purchaser's Lender prior to the purchase of the Report. Any condition which is caused by acts of War or an Act of Terrorism.

Any property belonging to or in the custody or control of the First Purchaser which does not form a fixed part of the Property Site or the structure.

Any fines liquidated damages punitive or exemplary damages.

Any bodily injury including without limitation, death, illness or disease, mental injury, anguish or nervous shock.

Any financial loss in respect of any loss of any rental, profit, revenue, savings or business or any consequential indirect or economic loss damage or expense including the cost of rent of temporary premises or business interruption.

Any losses incurred following a material change in use of, alteration or development of the Property Site.

d. The maximum sum that shall be contributed by Landmark in respect of any Contribution shall be limited to £60,000. In the event that more than one Report is purchased on the Property Site the Contribution will only be payable under the first Report purchased by or on behalf of any First Purchaser or First Purchaser's Lender and no Contribution will be made in respect of subsequent Reports purchased by or on behalf of such First Purchaser, First Purchaser's Lender or any person connected to them.

e. Landmark shall only pay a Contribution where the Notice is served within 36 months of the date of the Report.

f. Any rights to a Contribution under this Clause 7 are not assignable in the event of a sale of the Property Site and Landmark will not make any Contribution after the date of completion of such sale.

g. In the event the First Purchaser or First Purchaser's Lender wishes to claim any Contribution, it shall notify Landmark in writing within 3 months of the date of the Notice. The First Purchaser or First Purchaser's Lender (as applicable) shall comply with all reasonable requirements of Landmark with regard to the commission and conduct of the remediation works to be carried out under the Notice, and in the event the First Purchaser or First Purchaser's Lender (as applicable) does not do so, including without limitation, obtaining Landmark's prior written consent to any estimates for such works or complying with any other reasonable

request by Landmark, Landmark shall not be required to pay any Contribution. Notwithstanding the payment of the Contribution by Landmark the First Purchaser or First Purchaser's Lender as applicable shall take all reasonable steps to mitigate any costs incurred in connection with the conduct of works required under the terms of any Notice.

h. In the event that the First Purchaser or First Purchaser's Lender receives any communication from a statutory authority to the effect that there is an intent to serve a notice received under Part II(A) of the Environmental Protection Act 1990 they will advise Landmark within a maximum period of two months from receipt of such communication. This clause

7h and the service of any notice under it shall not affect the provisions of clauses 7 e and g, and any such communications, even if advised to Landmark will not operate as notice under clause 7e.

i. Landmark reserve the right at any time prior to a claim for Contribution being made in accordance with clause 7 g) above, to withdraw the offer of payment of Contributions without further notice.

8. **Events Beyond Our Control**

a. You acknowledge that Landmark shall not be liable for any delay, interruption or failure in the provision of the Services which are caused or contributed to by any circumstance which is outside our reasonable control including but not limited to, lack of power, telecommunications failure or overload, computer malfunction, inaccurate processing of data, or delays in receiving, loading or checking data, corruption of data whilst in the course of conversion, geo-coding, processing by computer in the course of electronic communication, or printing.

9. **Severability**

a. If any provision of these Terms are found by either a court or other competent authority to be void, invalid, illegal or unenforceable, that provision shall be deemed to be deleted from these Terms and never to have formed part of these Terms and the remaining provisions shall continue in full force and effect.

10. **Governing Law**

a. These terms shall be governed by and construed in accordance with English Law and each party agrees irrevocably submit to the exclusive jurisdiction of the English courts if any dispute arises out of or in connection with this agreement (a "Dispute") the parties undertake that, prior to the commencement of Court proceedings, they will seek to have the Dispute resolved amicably by use of an alternative dispute resolution procedure acceptable to both parties with the assistance of the Centre for Dispute Resolution (CEDR) if required, by written notice initiating that procedure. If the Dispute has not been resolved to the satisfaction of either party within 60 days of initiation of the procedure or if either party fails or refuses to participate in or withdraws from participating in the procedure then either party may refer the Dispute to the Court.

11. **General; Complaints**

a. Landmark may assign its rights and obligations under these Terms without prior notice or any limitation.

b. Landmark may authorise or allow our contractors and other third parties to provide to Landmark and/or to You services necessary or related to the Services and to perform Landmark's obligations and exercise Landmark's rights under these Terms, which may include collecting payment on Landmark's behalf.

c. No waiver on Landmark's part to exercise, and no delay in exercising, any right, power or provision hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or provision hereunder preclude the exercise of that or any other right, power or provision.

d. Unless otherwise stated in these Terms, all notices from You to Landmark must be in writing and sent to the Landmark registered office (or in the case of an Authorised Reseller, to its registered office address) and subject to paragraph e below all notices from Landmark to You will be displayed on our Websites from time to time.

e. Any complaints in relation to the Services should, in the first instance, be in writing addressed to the Customer Service Support Manager at the Landmark registered office. Landmark or its agents will respond to any such complaints in writing as soon as practically possible.

f. A person who is not a party to any contract made pursuant to these Terms shall have no right under the Contract (Right of Third Parties) Act 1999 to enforce any terms of such contract and Landmark shall not be liable to any such third party in respect of any Services supplied.

g. Landmark's Privacy Policy as displayed on the Website governs the use made of any information You supply to Landmark.