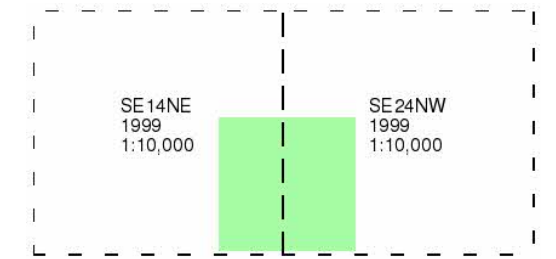


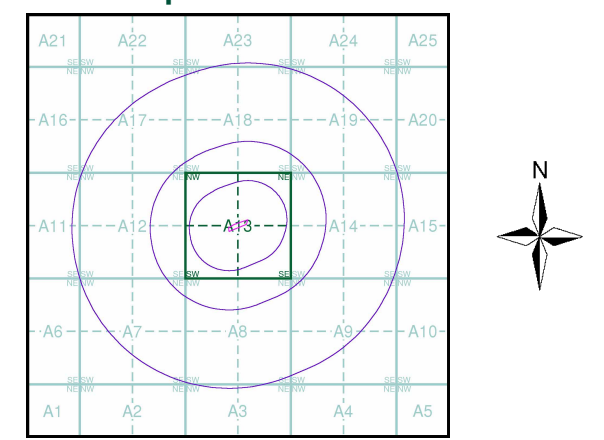
**10k Raster Mapping**  
**Published 1999**  
**Source map scale - 1:10,000**

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

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



**Historical Map - Slice A**



**Order Details**  
Order Number: 278871448\_1\_1  
Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

**Site Details**  
Newall Carr Road, Otley

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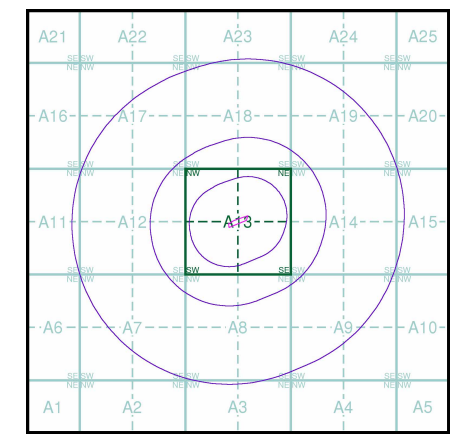
**Street View**  
**Published 2021**  
**Source map scale - 1:10,000**

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

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



**Street View Map - Slice A**



**Order Details**

Order Number: 278871448\_1\_1  
Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

**Site Details**

Newall Carr Road, Otley



# 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)**  
**Co. Boro. Bdy.**  
**County Burgh Boundary (Scotland)**  
**Boundary Post or Stone** **Police Call Box**  
**B.R.** **Bridle Road** **P** **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**

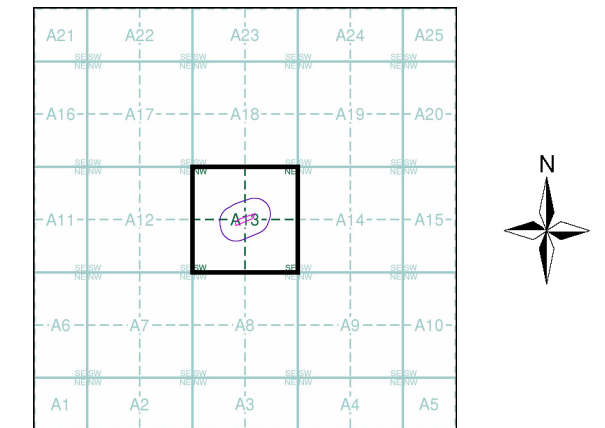
## Large-Scale National Grid Data 1:2,500 and 1:1,250

**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**  
**B.M. 231.60m** **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**

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1890 - 1891	2
Yorkshire	1:2,500	1908 - 1909	3
Yorkshire	1:2,500	1921	4
Yorkshire	1:2,500	1934	5
Ordnance Survey Plan	1:2,500	1964	6
Ordnance Survey Plan	1:2,500	1970 - 1971	7
Additional SIMs	1:2,500	1977 - 1978	8
Additional SIMs	1:2,500	1982	9
Ordnance Survey Plan	1:2,500	1986	10
Ordnance Survey Plan	1:1,250	1989	11
Large-Scale National Grid Data	1:1,250	1993	12

## Historical Map - Segment A13

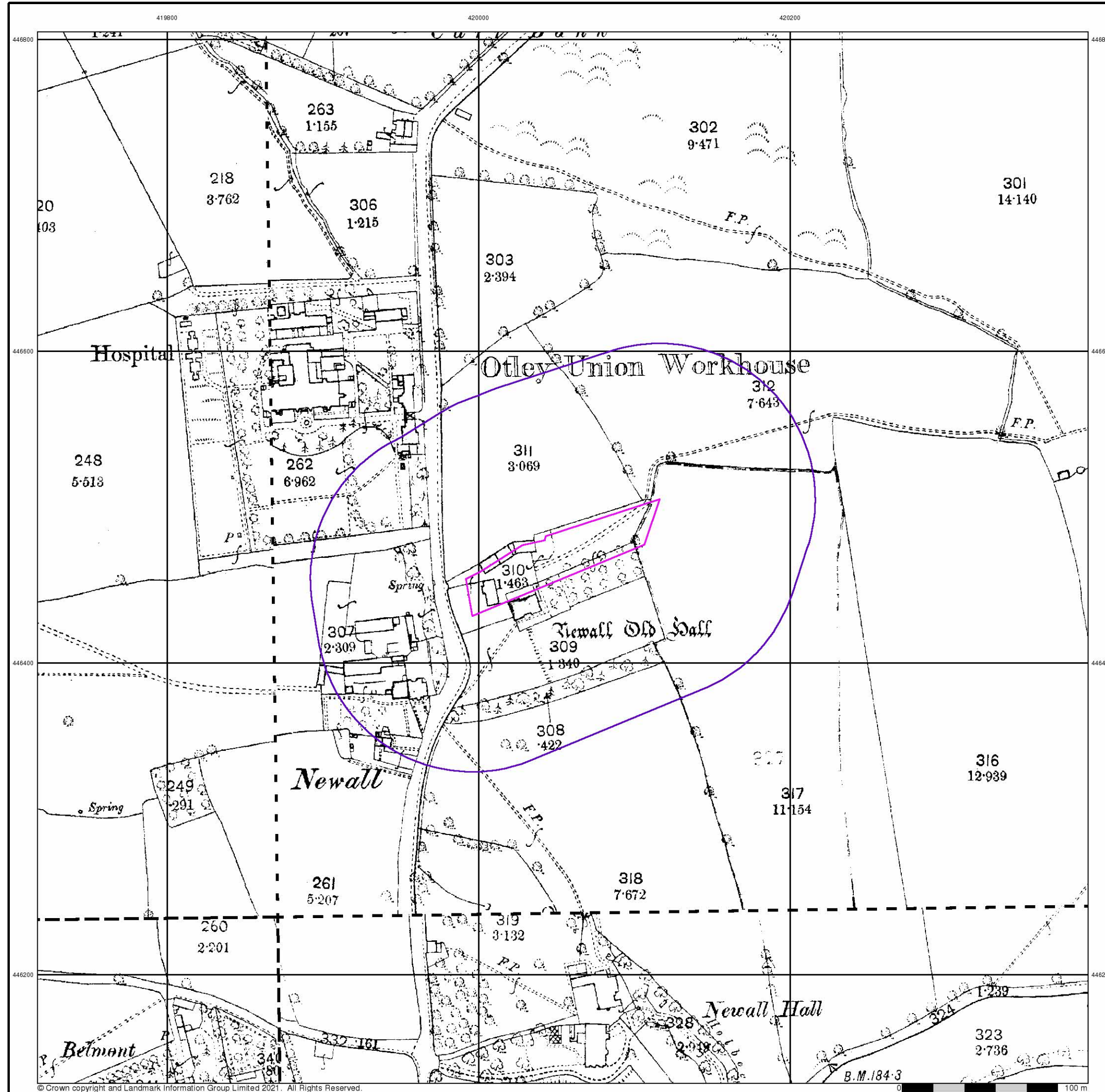


## Order Details

Order Number: 278871448\_1\_1  
 Customer Ref: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 100

## Site Details

Newall Carr Road, Otley



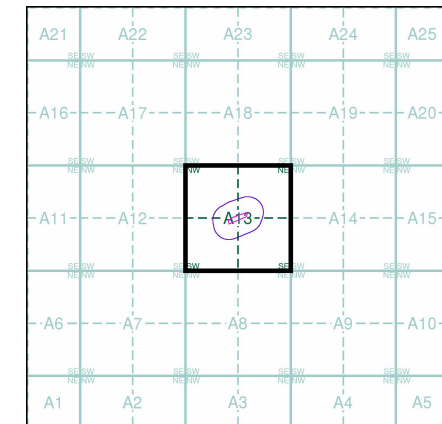
**Yorkshire**  
**Published 1890 - 1891**  
**Source map scale - 1:2,500**

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)**

187_01 1890 1:2,500	187_02 1891 1:2,500
187_05 1891 1:2,500	187_06 1891 1:2,500

**Historical Map - Segment A13**



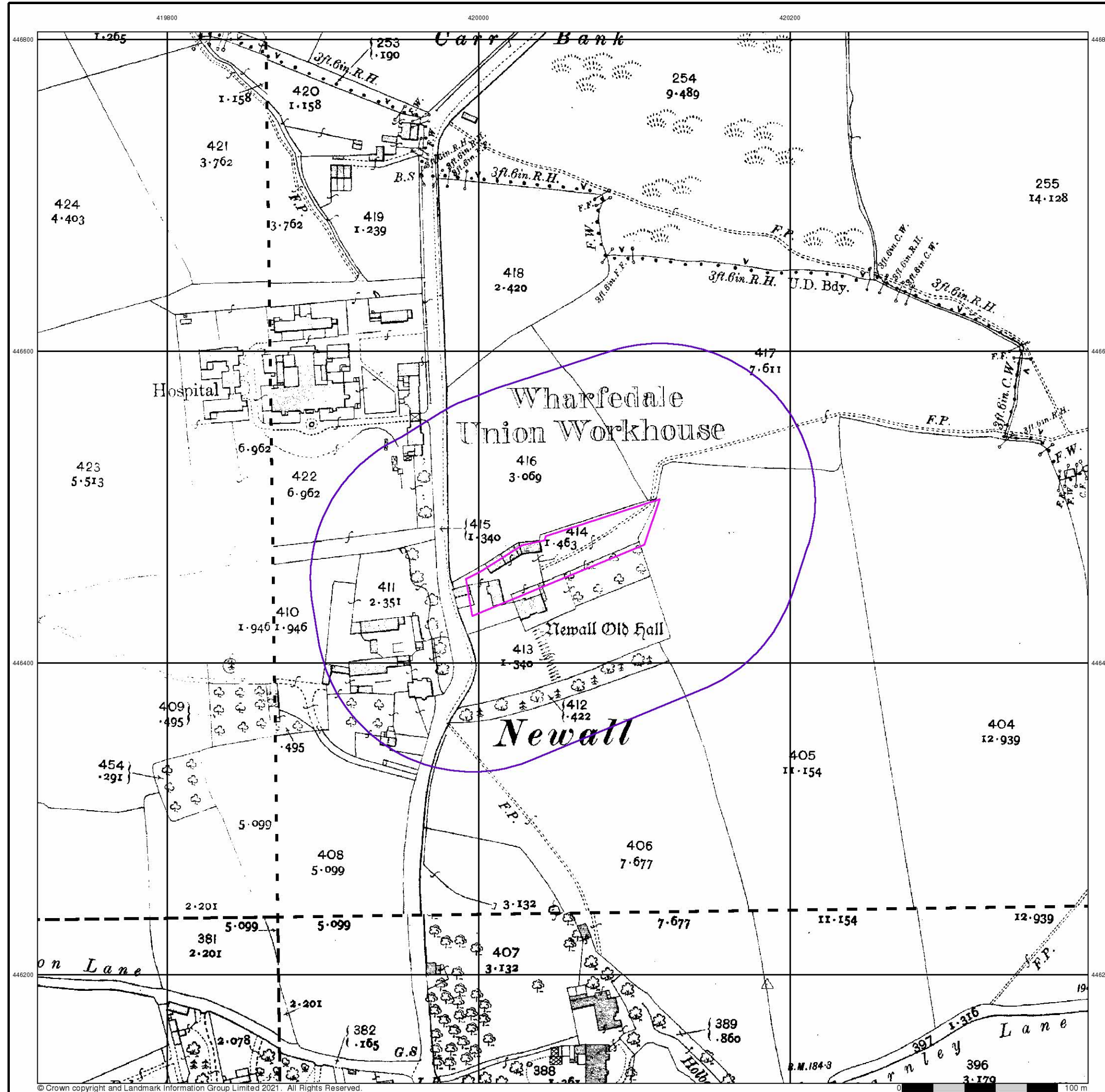
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Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley





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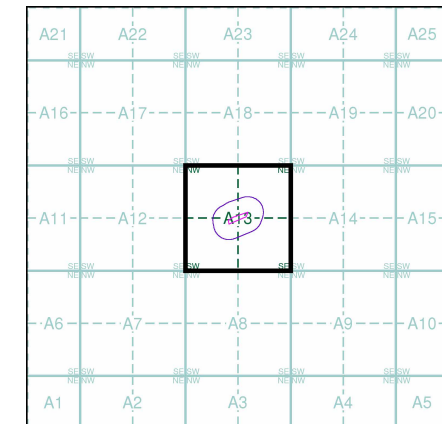
**Yorkshire**  
**Published 1908 - 1909**  
**Source map scale - 1:2,500**

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)**

187_01 1909 1:2,500	187_02 1909 1:2,500
187_05 1908 1:2,500	187_06 1909 1:2,500

**Historical Map - Segment A13**



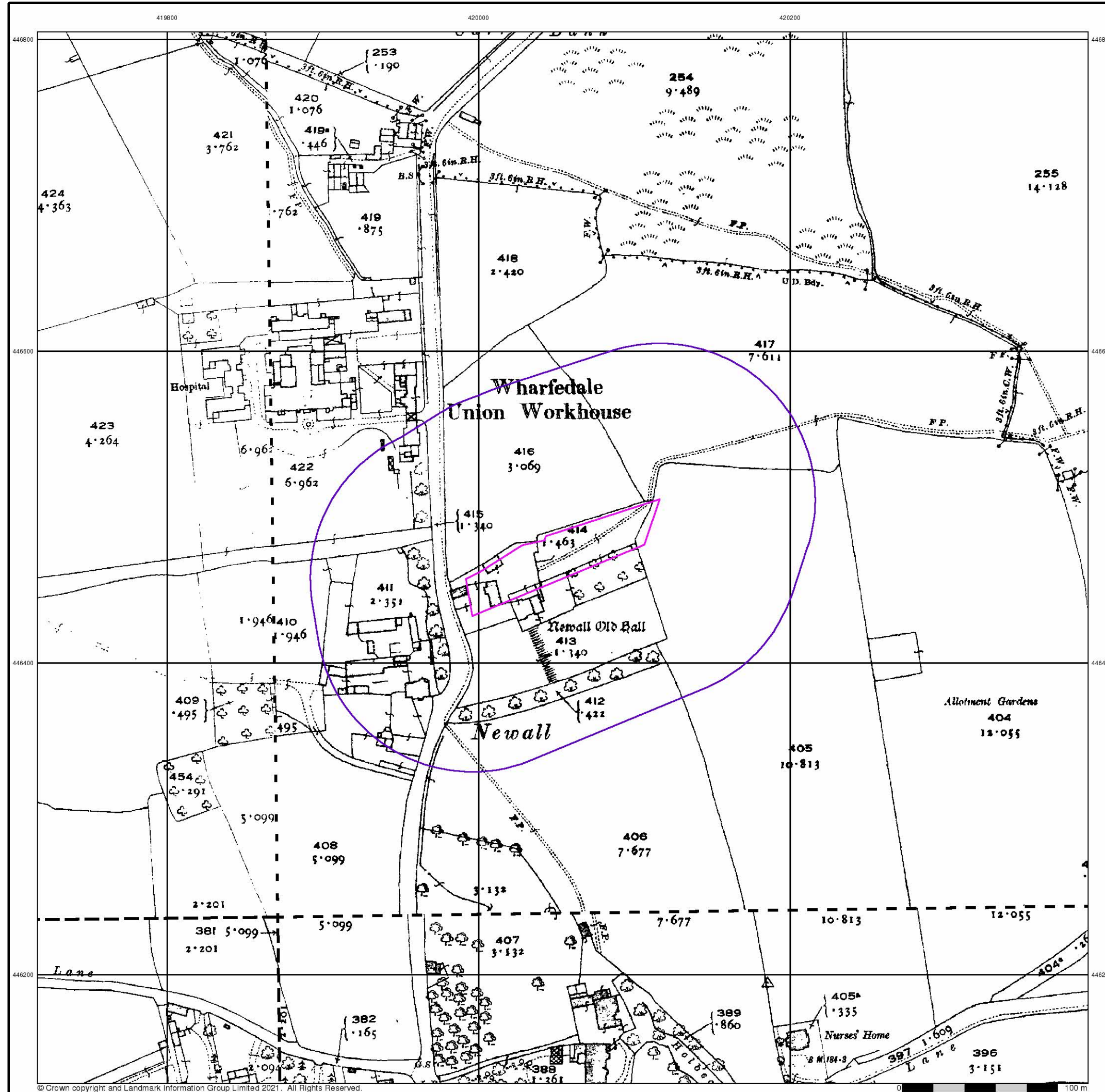
**Order Details**

Order Number: 278871448\_1\_1  
Customer Ref: BHS/02  
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Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley





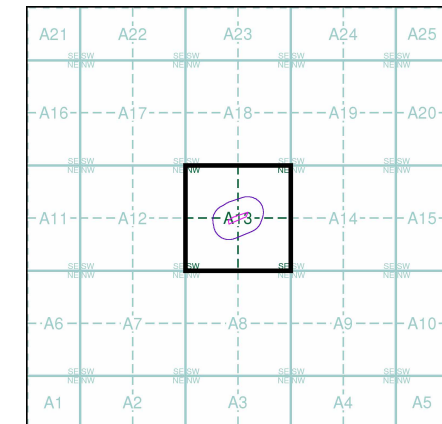
**Yorkshire**  
**Published 1921**  
**Source map scale - 1:2,500**

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)**

187_01 192T 1:2,500	187_02 192T 1:2,500
187_05 192T 1:2,500	187_06 192T 1:2,500

**Historical Map - Segment A13**



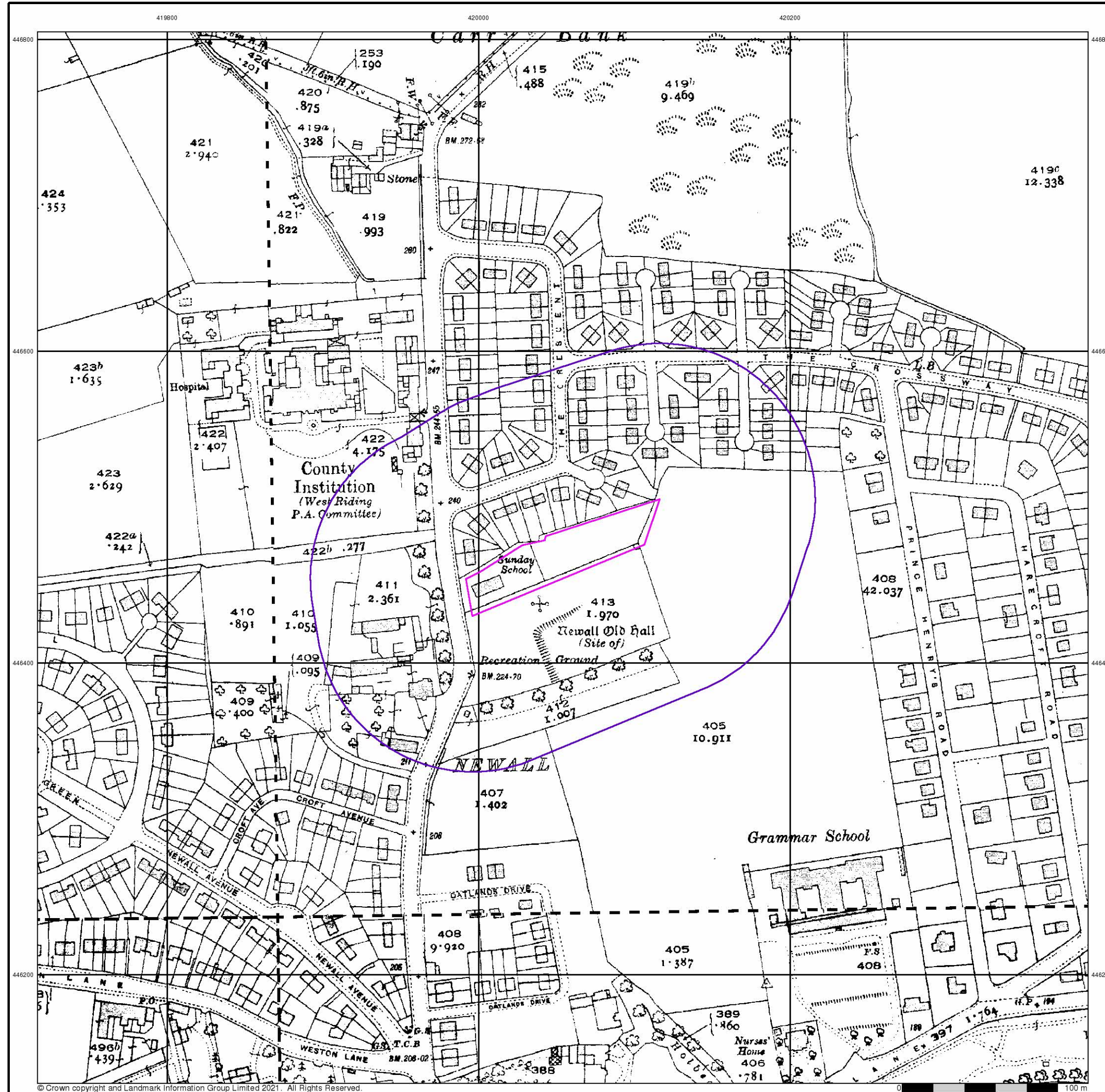
**Order Details**

Order Number: 278871448\_1\_1  
Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley





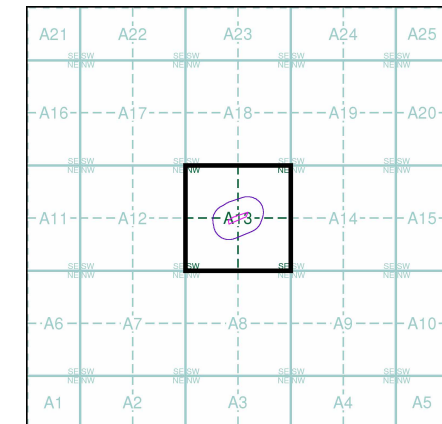
**Yorkshire**  
**Published 1934**  
**Source map scale - 1:2,500**

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)**

187_01 1934 1:2,500	187_02 1934 1:2,500
187_05 1934 1:2,500	187_06 1934 1:2,500

**Historical Map - Segment A13**



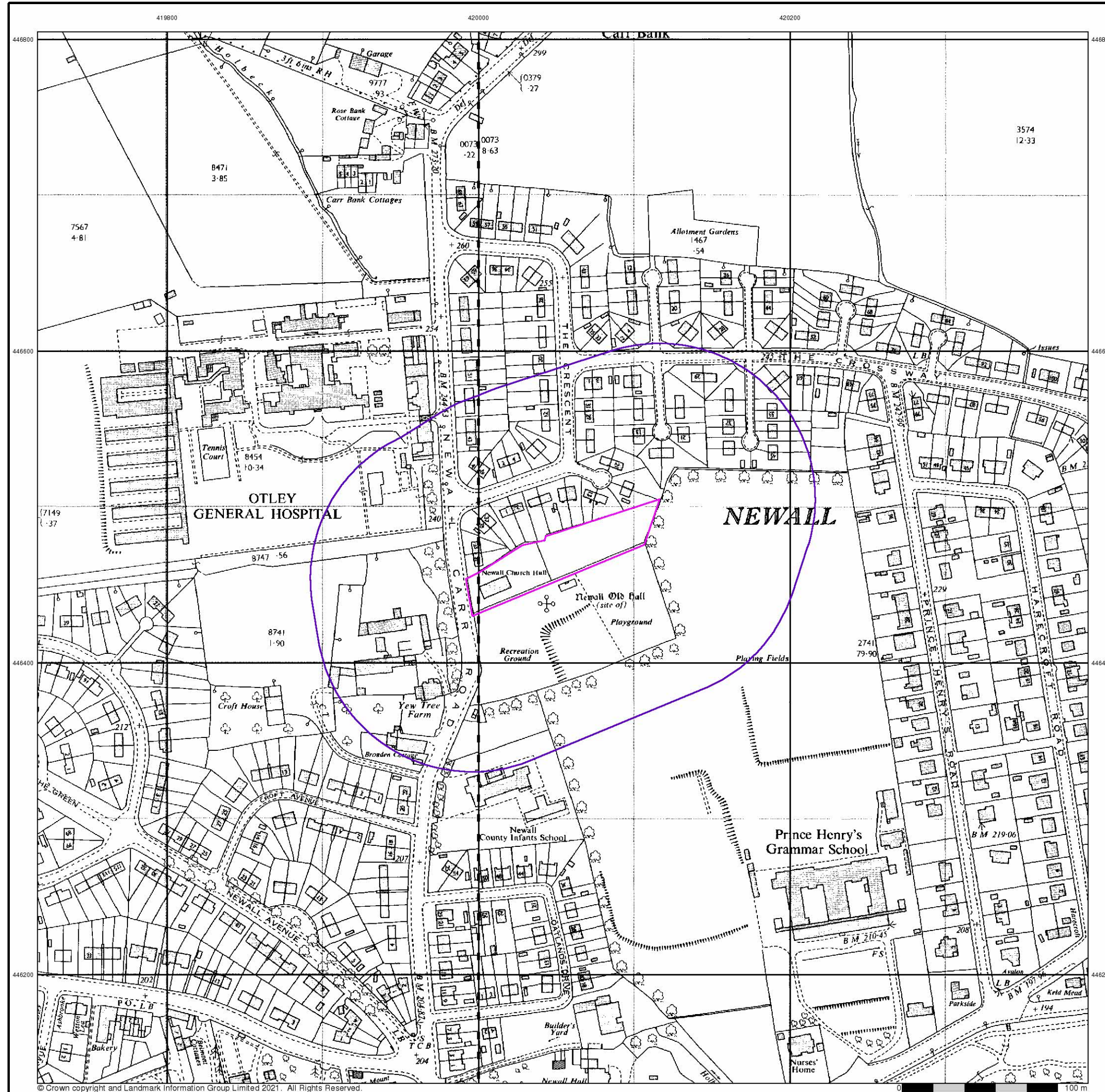
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Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley

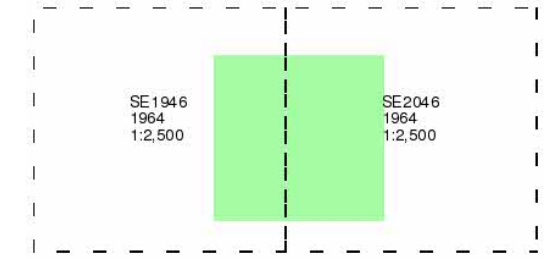




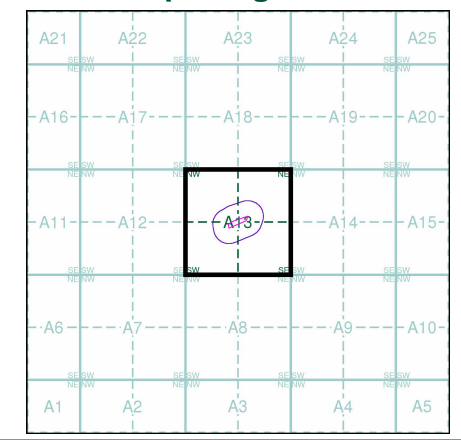
**Ordnance Survey Plan**  
**Published 1964**  
**Source map scale - 1:2,500**

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**



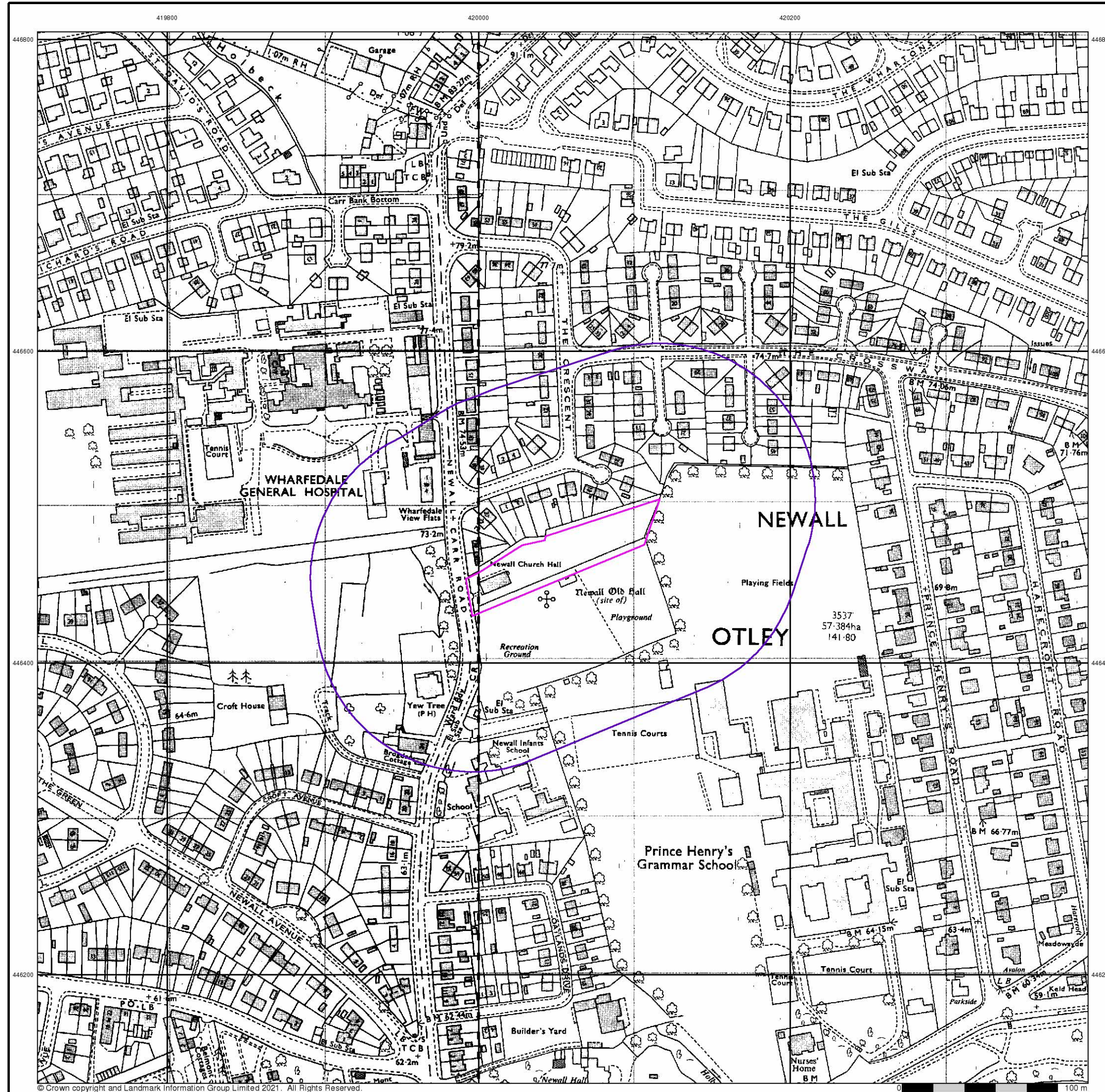
**Order Details**

Order Number: 278871448\_1\_1  
Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley



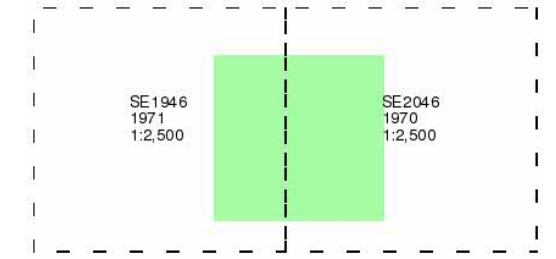


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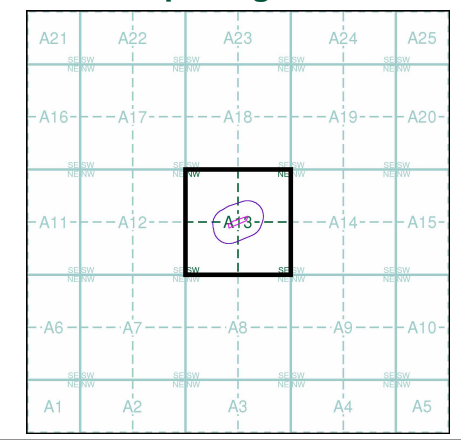
**Ordnance Survey Plan**  
**Published 1970 - 1971**  
**Source map scale - 1:2,500**

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**



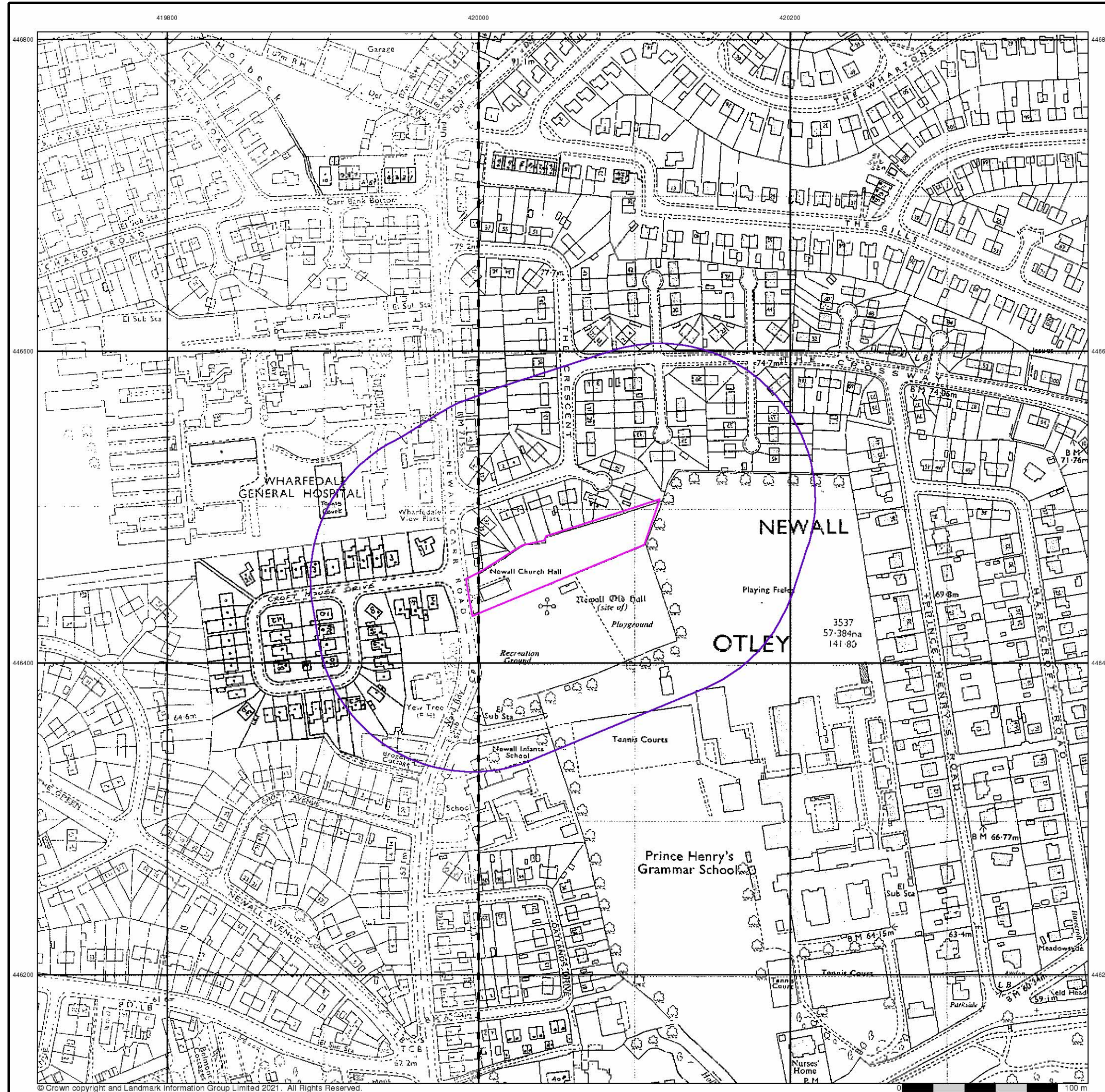
**Order Details**

Order Number: 278871448\_1\_1  
 Customer Ref: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley





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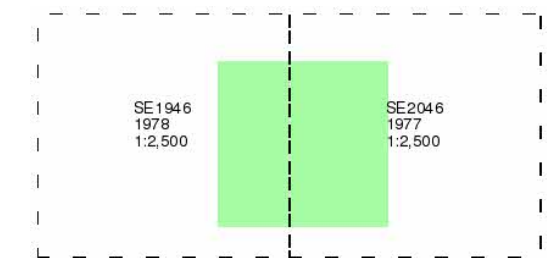
### Additional SIMs

Published 1977 - 1978

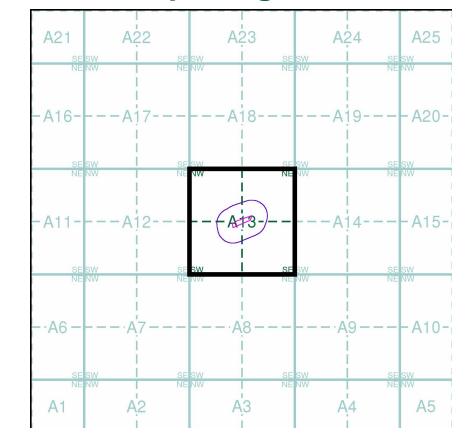
Source map scale - 1:2,500

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

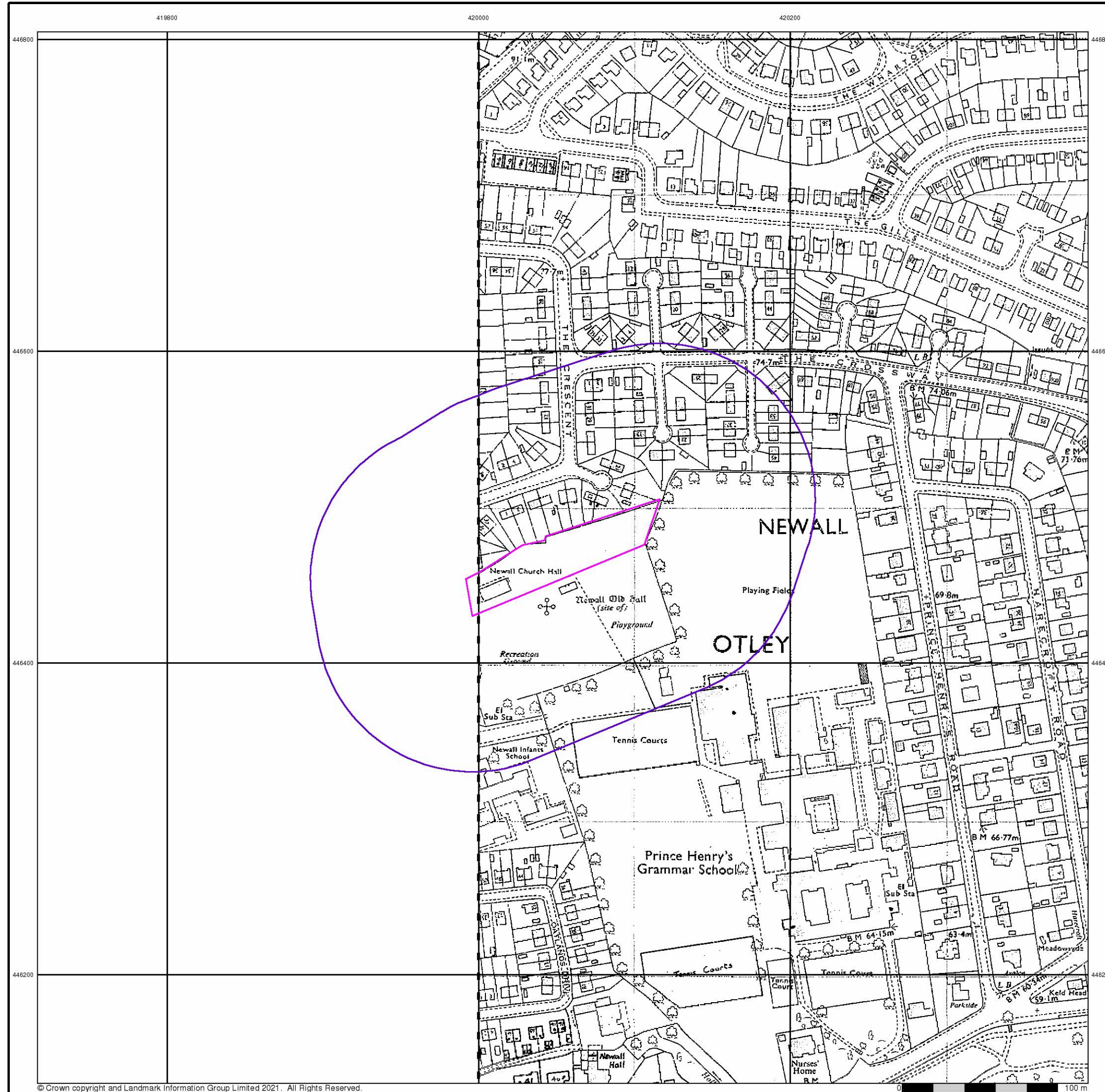
Order Number: 278871448\_1\_1  
 Customer Ref: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 100

### Site Details

Newall Carr Road, Otley







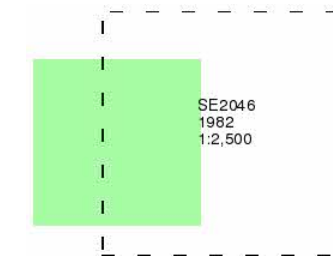
**Additional SIMs**

**Published 1982**

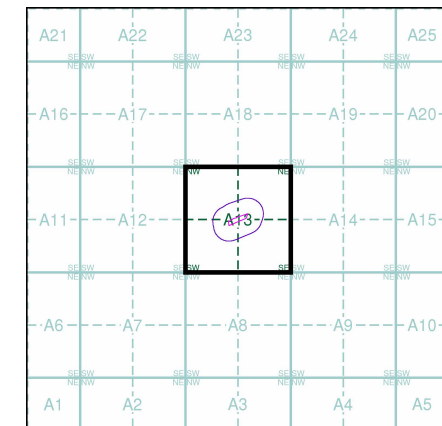
**Source map scale - 1:2,500**

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**



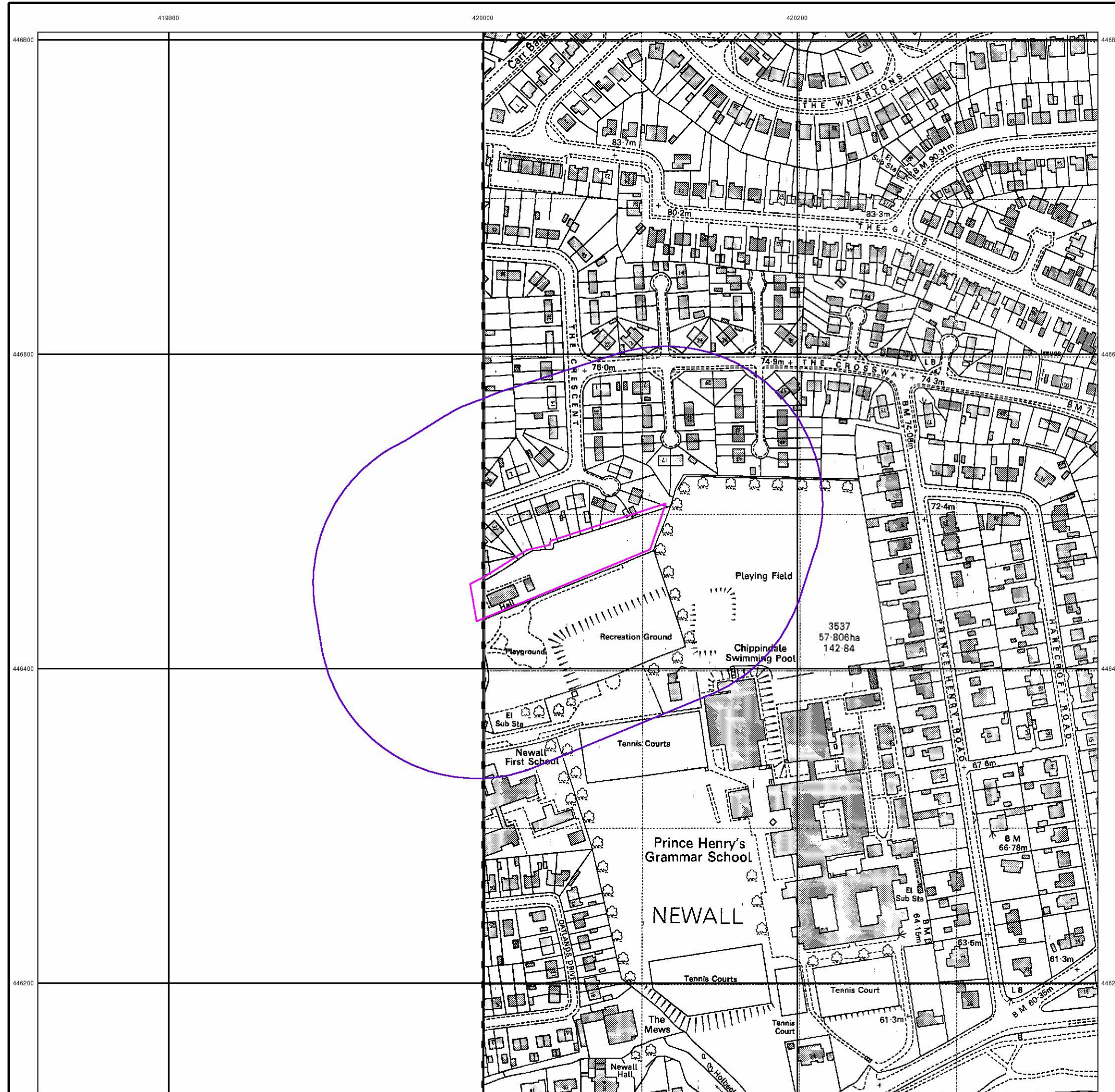
**Order Details**

Order Number: 278871448\_1\_1  
 Customer Ref: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley





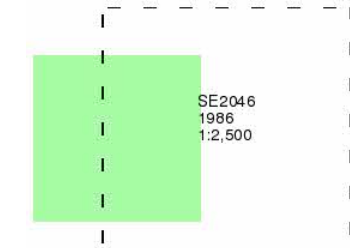
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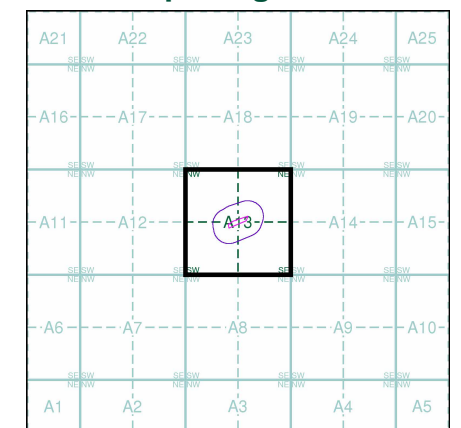
**Ordnance Survey Plan**  
**Published 1986**  
**Source map scale - 1:2,500**

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**

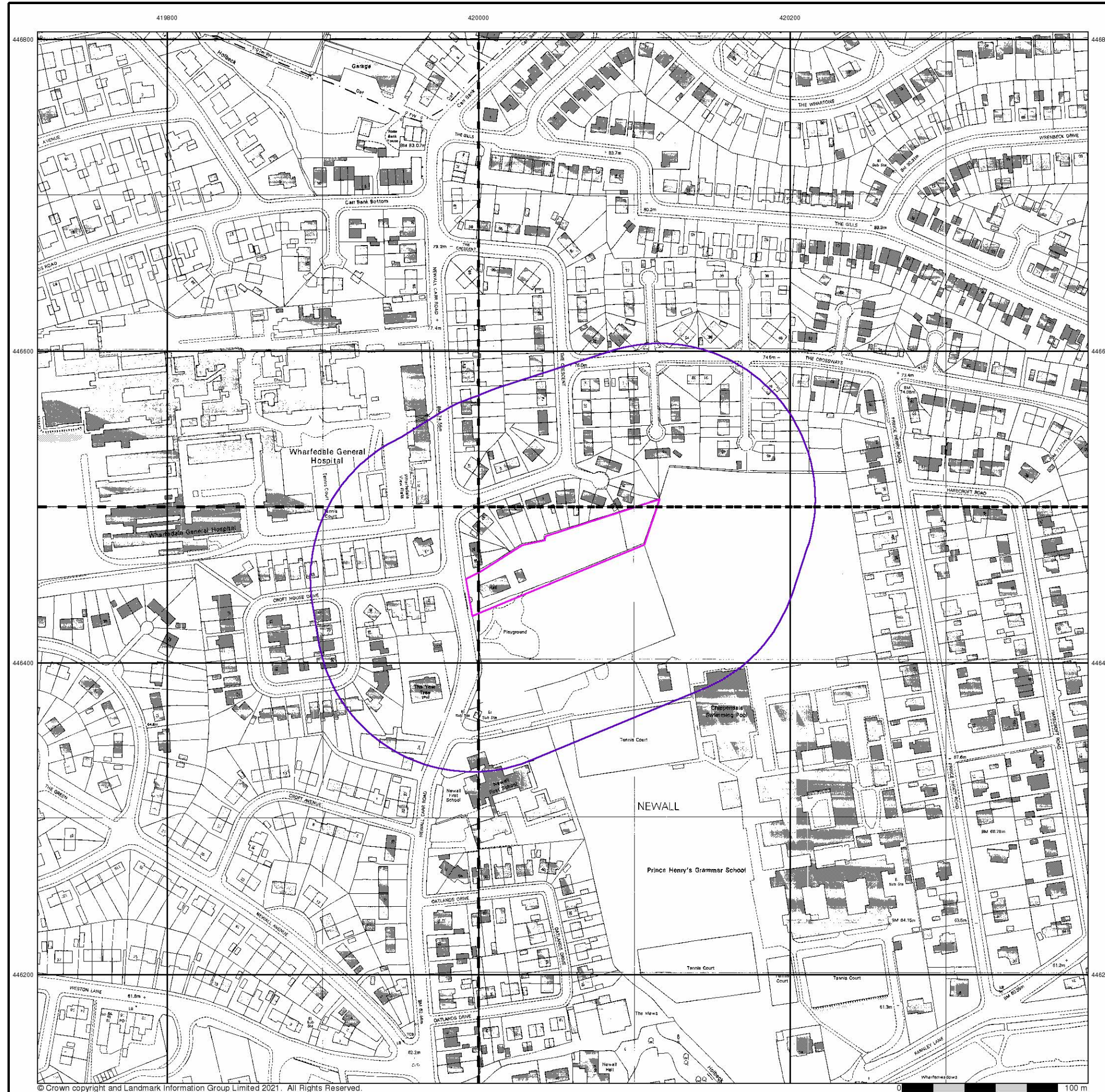
Order Number: 278871448\_1\_1  
 Customer Ref: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley







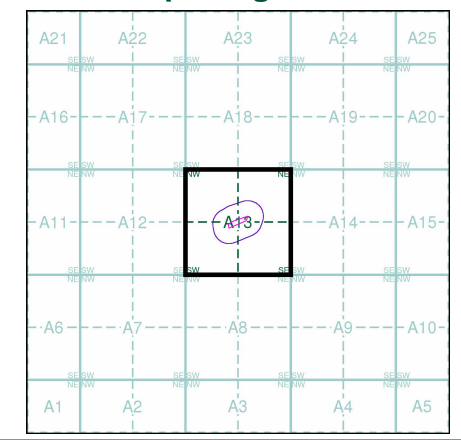
**Ordnance Survey Plan**  
**Published 1989**  
**Source map scale - 1:1,250**

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)**

SE 1946NE 1989 1:1,250	SE 2046NW 1989 1:1,250
SE 1946SE 1989 1:1,250	SE 2046SW 1989 1:1,250

**Historical Map - Segment A13**



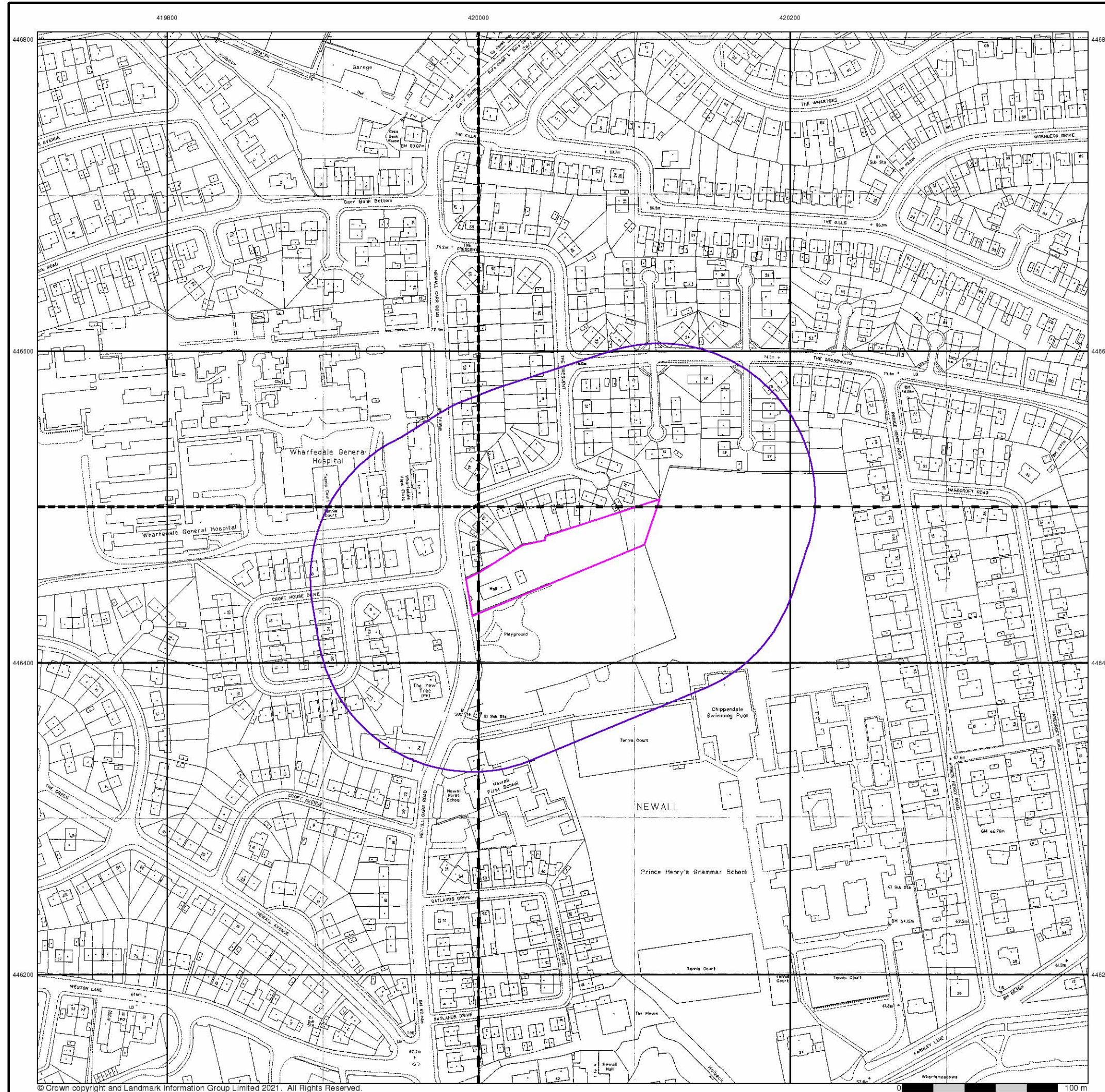
**Order Details**

Order Number: 278871448\_1\_1  
Customer Ref: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Newall Carr Road, Otley





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## Large-Scale National Grid Data

Published 1993

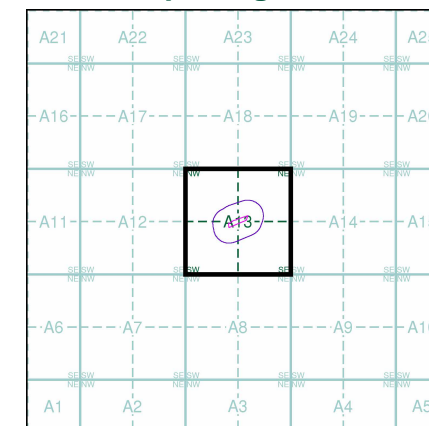
Source map scale - 1:1,250

'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)

SE1946NE 1993 1:1,250	SE2046NW 1993 1:1,250
SE1946SE 1993 1:1,250	SE2046SW 1993 1:1,250

### Historical Map - Segment A13



### Order Details

Order Number: 278871448\_1\_1  
 Customer Ref: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 100

### Site Details

Newall Carr Road, Otley








APPENDIX C


LANDMARK GEOLOGY MAPS










## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip






Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Faults		

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	LDE	Lacustrine Deposits	Clay, Silt and Sand	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGCK	Unnamed Sandstone of Kinderscoutian Age (In Millstone Grit Group)	Sandstone	Not Supplied - Namurian
	AE	Addingham Edge Grit	Sandstone	Not Supplied - Namurian
	MGCG	Unnamed Sandstone of Arnsbergian Age (In Millstone Grit Group)	Sandstone	Not Supplied - Namurian
	MP	Marchup Grit	Sandstone	Not Supplied - Namurian
	WWG	Warley Wise Grit	Sandstone	Not Supplied - Namurian
	MG	Millstone Grit Group [See also Migr]	Mudstone, Siltstone and Sandstone	Not Supplied - Namurian

### Geology 1:50,000 Maps

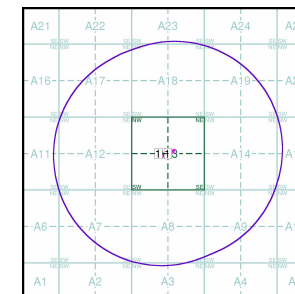
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

Map ID: 1  
Map Sheet No: 069  
Map Name: Bradford  
Map Date: 2000  
Bedrock Geology: Available  
Superficial Geology: Not Available  
Artificial Geology: Not Available  
Faults: Not Supplied  
Landslip: Not Available  
Rock Segments: Not Supplied

### Geology 1:50,000 Maps - Slice A



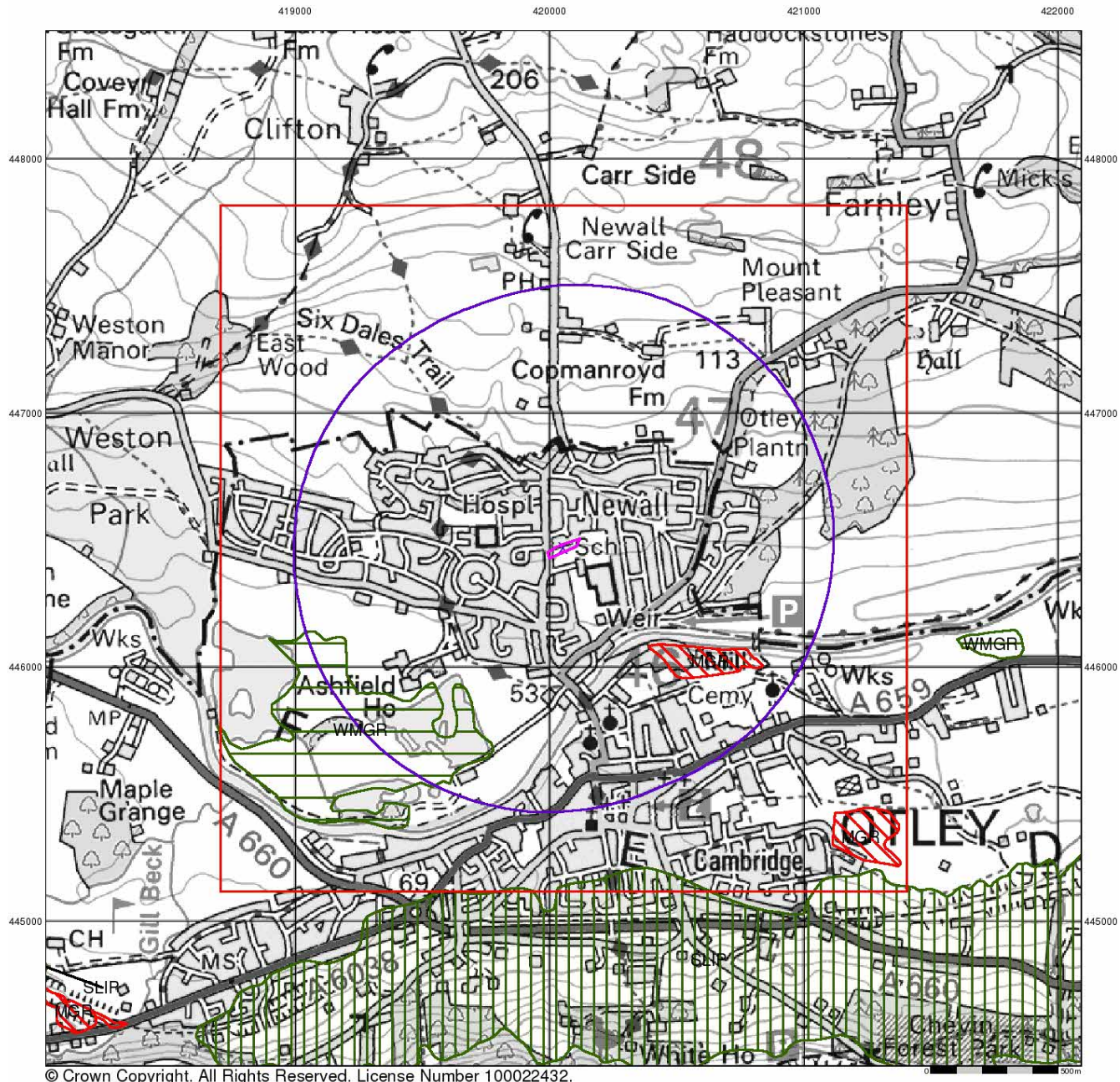
### Order Details:

Order Number: 278871448\_1\_1  
Customer Reference: BHS/02  
National Grid Reference: 420050, 446470  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details:

Newall Carr Road, Otley





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### Artificial Ground and Landslip

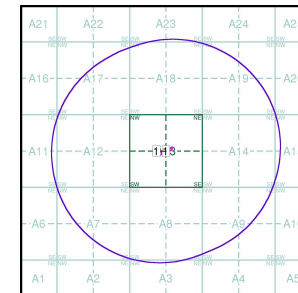
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

### Artificial Ground and Landslip Map - Slice A



### Order Details:

Order Number:	278871448_1_1
Customer Reference:	BHS/02
National Grid Reference:	420050, 446470
Slice:	A
Site Area (Ha):	0.34
Search Buffer (m):	1000

### Site Details:

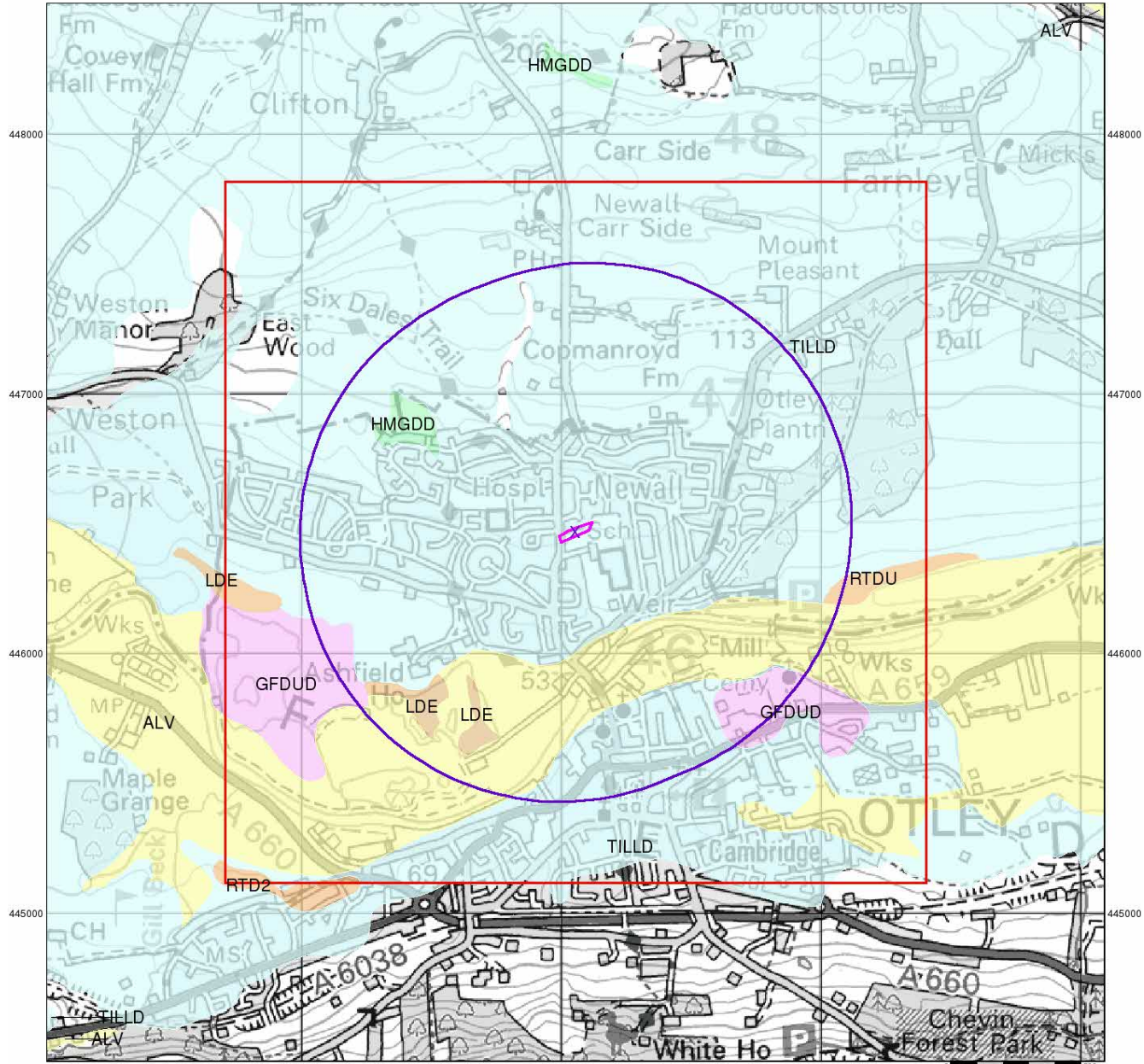
Newall Carr Road, Otley



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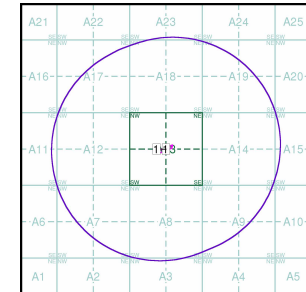
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



### Order Details:

Order Number: 278871448\_1\_1  
 Customer Reference: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

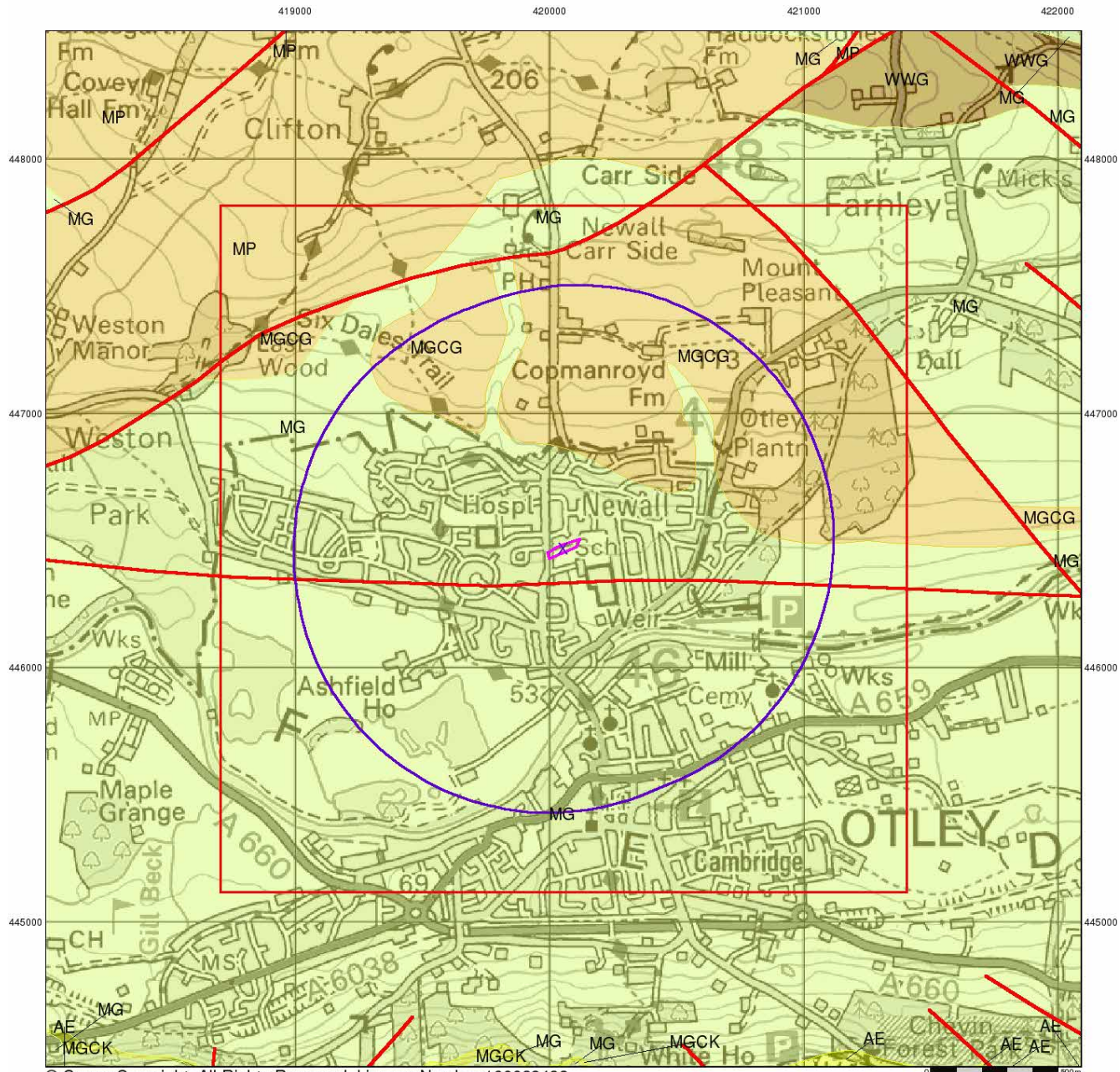
### Site Details:

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### Bedrock and Faults

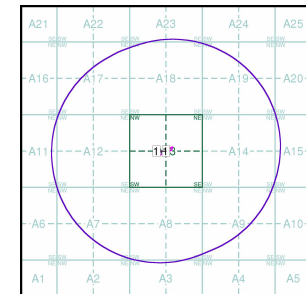
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice A



### Order Details:

Order Number: 278871448\_1\_1  
 Customer Reference: BHS/02  
 National Grid Reference: 420050, 446470  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

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