

MAP
ARCHAEOLOGICAL PRACTICE Ltd.

**Land South of Crossgates Lane
Malton Road
Pickering
North Yorkshire**

**SE 79963 83364
13/00016/MOUT
MAP 5.35.2012**

Earthwork Survey

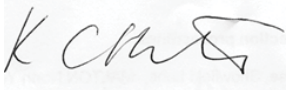
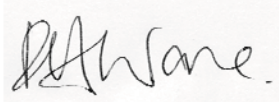
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Report Prepared By 	Report Authorised By 
Date: 22/02/2013	Date: 22/02/2013

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Contents	Page
Figure List	2
Plate List	3
Non Technical Summary	4
1. Introduction	5
2. Site Description	5
3. Historical and Archaeological Background	6
4. Aims and Objectives	9
5. Methodology	9
6. Results	10
7. Conclusions and Recommendations	11
8. References and Bibliography	13
9. List of Contributors	15

Figure List	Page
1. Site Location. Scale 1:50,000.	16
2. Area of Proposed Development. Scale 1:10,000.	17
3. Location of Fields 1-4. Scale 1:2,000.	18
4. Extract from the 1789 Enclosure Award Map of Pickering and Newton.	19
5. Extract from the 1854 First Edition Ordnance Survey Map. Scale 5 foot to 1 mile.	20
6. Extract from the 1890 Edition Ordnance Survey Map. Scale 6 inches to 1 mile.	21
7. Extract from the 1912 Edition Ordnance Survey Map. Scale 1:5000.	22
8. Extract from the 1928 Edition Ordnance Survey Map. Scale 1:5000.	23
9. Extract from the 1938 Edition Ordnance Survey Map. Scale 1:2500.	24
10. Historic Landscape Characterisation. Scale 1:10,000.	25
11. Hachured Plan of the Ridge and Furrow in Fields 1 to 4. Scale 1:2,000.	26

Plate List	Page
1. Ridge and Furrow in Field 1. Facing South.	27
2. Area of Dumping in Field 1. Facing North-east.	27
3. Area of Dumping in Field 1. Facing South.	28
4. Ridge and Furrow in Field 1. Facing North-west.	28
5. Ridge and Furrow in Field 1. Facing North.	29
6. Field Boundary at southern end of Field 1. Facing North.	29
7. Field Boundary at southern end of Field 1. Facing East.	30
8. Ridge and Furrow in Field 2. Facing North.	30
9. Ridge and Furrow in Field 3. Facing South.	31
10. Ridge and Furrow in Field 4. Facing North.	31
11. Ridge and Furrow in Field 4. Facing South.	32
12. Ground water visible in Furrows in Field 4. Facing South.	32

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Non Technical Summary

This report has been prepared by MAP Archaeological Practice Ltd under instruction from Karl Hallows on behalf of MHA Care Group to assess the Historical and Archaeological background of, and the impact of a proposed retirement community on Land South of Crossgates Lane, Malton Road, Pickering, North Yorkshire.

The site currently consists of 4.37 hectares of pasture farmland.

The Proposed Development Area is located south-west of the Medieval Town of Pickering.

The site has earthworks indicative of Medieval Ridge and Furrow Field-systems. These earthworks form part of the Cultural Heritage Landscape of Medieval Field Systems around Pickering as noted in Ryedale District Council Local Development Framework (2010). The earthwork survey forms part of the archaeological evaluation to accompany Planning Application 13/00016/MOUT.

1. Introduction

- 1.1 This Archaeological Earthwork Survey and report has been undertaken by MAP Archaeological Practice Ltd under instruction from Karl Hallows on behalf of the MHA Care Group, to evaluate the extant earthworks of Medieval Ridge and Furrow Field-systems on the Land south of Crossgates Lane and east of Malton Road, Pickering (SE 79963 83364: Figs. 1 & 2) as part of an archaeological evaluation to accompany Planning Application 13/00016/MOUT
- 1.2 Archaeological, Historical and Architectural remains are protected by means of Statutory Instruments (including World Heritage Statue, Scheduled Ancient Monument Legislation, Listed Buildings, Designated Conservation Area, National Planning Policy Framework (March 2012) and The Ryedale Plan – Local Plan Strategy (January 2012) – Section 7 : SP12 Heritage and SP13 Landscape).
- 1.3 The Archaeological Earthwork Survey was funded by the MHA Care Group.
- 1.4 All Maps within this report have been reproduced from the Ordnance Survey with the permission of the Controller of Her Majesty's Stationery Office, Crown Copyright, Licence No. AL50453A.

2. Site Description

- 2.1 The Proposed Development Area comprises c. 4.37 hectares and stands at heights of between 29m and 34m AOD.
- 2.2 The Proposed Development Area is the site of the farmland located east of Malton Road (the A169), and south of Crossgates Lane and Outgang Road. To the east and south of the Proposed Development Area are agricultural fields (Figs. 2 and 14, Pls. 1-14).

- 2.3 The site lies on soils of the Badsey 2 Soil Association, “*well drained calcareous fine loamy soils over limestone gravel*” (Mackney *et al.* 1984).

3. Historical and Archaeological Background

- 3.1 The Proposed Development Area is located south of the historic town of Pickering. Pickering is located in the District of Ryedale in County of North Yorkshire, which was formerly in the Wapentake of Pickering Lythe in the North Riding of the County of York.
- 3.2 The Desk Based Assessment undertaken in 2012 showed there were two hundred and seven Cultural Heritage sites within one kilometre of the Proposed Development Area. There is one Non-designated Heritage Asset for the Development Area, the Historic Landscape Characterisation Entry.
- 3.3 The Manor of Pickering has a pre-Conquest foundation and is noted in the Domesday Book under land of the King in Yorkshire, “*In PICKERING there are 37 carucates of land to the geld (taxable), which twenty ploughs could plough. Morcar held this as one manor, with its Berewicks (outlying estate), Barton-le-Street, Newton-on-Rawcliffe, Blandsby, Easthorpe [in Appleton-le-Street]. Now the King has it. There is one plough; and 20 villans (villagers) with six ploughs. [There is] meadow half a league long and as much broad. But all the woodland which belongs to the manor is sixteen leagues long and four broad. The manor was worth in the Reign of King Edward £88; now 20s 4d. To this manor belongs to the soke (jurisdiction) of these lands Brompton, Edusmarsh(?), Ebberston, Allerston, Wilton, Farmandby, Roxby and Kingsthorpe, other manors in the marishes, Snainton. Kekkmarsh(?), Ellerburn, Thornton (le Dale), Levisham, Middleton and Barton. In all fifty carucates are taxable which twenty seven ploughs can plough, there are only ten villans with two ploughs. The rest is waste and only twenty acres of meadow, In all sixteen miles long and four broad*” (Williams and Martin 1992, p. 787). And also “*In*

Pickering, Barton-le-Street, Newton-on-Rawcliffe and Easthorpe, the King has 37 carucates" (ibid, p. 872).

- 3.4 The place-name of Pickering derives from the Old English *Piceringas* meaning 'the settlement of Picer and his dependants' (Smith 1979, p. 85). The Domesday Book, Medieval charters and documents record various derivations *Pichering, Picheringa, Pic(h)rinch, Picaringes, Pikeringes, Piking, Pickeringa and Pickeringe* in the twelfth century and *Pekeryng* in 1579.
- 3.5 Pickering is listed as a Medieval Borough (Beresford and Finberg 1973, p. 187) with two entries. "King John orders (1200) that the men of Pickering shall have their customs as under Henry I and Henry II *Cal Rot Chart, 1199-1216, 41*" and "Tallage (tax) paid by the borough – *Pipe Roll Soc, NS, XX, 1942, 207*".
- 3.6 Leland visited Pickering around 1540 and described it as "*the toune of Pykering is large but not welle compact to gather. The greatest part of it with the paroch church and the castel is on the southeast part of the brooke renning through the toune, and standith on a great slaty hille. The other part of toune is not as big as this; the brooke rennith bytwixt them*" and Leland "*saw 2 thinges to be noted, the ruines of a manor place, called Bruses-Hall and a manor place of the Lascelles at Keldhead*" (Page 1968, 462). Leland also remarked on the route from Scarborough to Pickering as "*most plentifulfull of corn and grasse but little wood in sight*".
- 3.7 In the fifteenth, sixteenth and seventeenth centuries, Pickering had been much affected by the northern rebellions, epidemics, so by the time of the Civil War Pickering was regarded as too ruinous to garrison.

- 3.10 Between 1786-1814 the Old Malton to Pickering Turnpike Trust maintained the road forming the western boundary of the site, the modern A169. The Enclosure Award for Pickering and Newton dated to 1789 (Act Geo III c. 26 (Private) 1785 and Award 28th April 1789 (General Commissioners Award) and 24th June 1790 (Special Commissioners Award) shows the roads and lanes in Pickering and the area of Mickle Hill as “Ancient Inclosure” (NYCRO PR/P1 11/1; ig. 4).
- 3.11 The 1839 Tithe Award and Map (Fig. 4) shows Crossgates Lane and the Proposed Development Area as a series of fields (Nos. 1179, 84 and 1185: NYCRO T(PR/P1)).
- 3.12 The 1854 First Edition Ordnance Survey map shows the Proposed Development Area as five strip fields, aligned north-south, south of Crossgates Lane (Fig. 5).
- 3.13 The 1890 Second Edition Ordnance Survey Map shows the Proposed Development area north of the railway cutting and as sixteen fields (Nos 946, 956, 957, 963-964) with a building in field 946, and Crossgates Lane to the north (Fig. 6).
- 3.14 The 1912 Edition Ordnance Survey Map shows a bench mark on the building in Field 946 (Fig. 7).
- 3.15 There are no changes for the 1928 and 1938 Edition Ordnance Survey Maps (Figs. 8 and 9).
- 3.16 In 1950, the Pickering to Seamer Railway line was closed, and the line dismantled.
- 3.17 The Proposed Development Area lies to the south of Pickering Conservation Area, which is located north of Outgang Road.

- 3.18 The Historic Landscape Characterisation (HNY 21481) describes the Proposed Development Area as “Enclosed Land – Strip Fields, Previously Open Field” (Fig, 10). The strip fields are remnants of the ridge and furrow pattern of cultivation in the Medieval Period with later Post-medieval field divisions and hedgerows.

4. Aims and Objectives

- 4.1 The purpose of the topographic survey work was to provide a permanent archive record of the earthwork remains of the Ridge and Furrow within the Proposed Development Area, consisting of a written description, topographic survey and photographs.

5. Methodology

- 5.1 The Earthwork Survey was made to the standards detailed by the English Heritage’s ‘Understanding the Archaeology of Landscapes. A Guide to Good Recording Practice’ (2007).
- 5.2 The 1:1,250 scale Ordnance Survey Map of the Land to the South Crossgates Lane, Pickering was used as a basis of the more detailed archaeological topographic survey. The Ordnance Survey Map showed the area as four fields (Figs. 2 and 3).
- 5.3 The photographic record consisted of general views of the earthworks.
- 5.4 The survey area was walked over for a visual inspection of the character of the standing earthworks and an appropriate method of survey. There were areas noted where recent dumping and areas of damage where the earthworks were not visible.
- 5.5 The survey was undertaken using a Leica TC600 Total Station EDM. Two archaeologists undertook the walkover and survey.

5.6 A series of points were taken at breaks of slope and the tops and bottoms of features. The data was downloaded and plotted into MapMaker Pro GIS software, exported as DXF files and then hachured survey drawings were produced in AutoCAD LT (2006).

5.6 The Survey did not damage the earthworks extant within the Proposed Development Area.

6. Results

6.1 The Earthwork Survey for the Land to the South of Crossgates Lane, Pickering was undertaken on the 8th February 2012.

6.2 The visual inspection of the survey area showed that the features consisted of a series of north-south aligned low banks (Ridges) with lower dips on either side (Furrows) in each of the four fields. There were no earthworks present on the western part of Field 1, south-eastern part of Field 2 and the northern parts of Fields 3 and 4 (Figs. 3 and 11). Fields 1 and 2 were accessed from the gateway on the north side of Field 1 on Crossgates Lane. Fields 3 and 4 is accessed from the farm at 82 Outgang Road.

6.3 Field 1 was the westernmost field, with its eastern boundary with Field 2 and to the west of the A169 Malton Road and to the south of Crossgates Lane (Fig. 11 and Pls. 1-7). The north-south furrows in this field continue to the south. Part of the damage to the western part of Field 1 was accompanied by dumps of material on the field, which have probably been graded out in the past to infill the furrows. The three rows of ridge and furrow in the western part of the field are the deepest and most pronounced at c. 40cm high. At the southern end of Field 1 were four earthworks of ridge and furrow. The levels for the ridges in Field 1 range from 31.38m AOD and 29.35m AOD with the highest to the north and a gentle slope to the south. The western boundary with Field 2 is a patchy hawthorn hedge.

- 6.4 Field 2 was located between Fields 1 and 3 and was located south of Crossgates Lane (Fig. 11; Pl. 8). Nine distinct lines of north-south aligned ridge and furrow were visible as earthworks and were noted with a height of 10-15cm and varying in height of 30.89m AOD and 30.36m AOD and sloping gently from north to south.
- 6.5 There were five distinct ridges and accompanying furrows in Field 3 and four in Field 4 (Fig. 11; Pls. 9-12). All were Aligned north south and with a maximum height of 30cm. The top (northern) end of Field 3 stands at heights of 31.20m AOD and rises to 31.58 AOD before dropping to 30.70 AOD at its lowest point at the southern end. The land south of the Development boundary begins to rise up again. Field 4 has heights of 31.37m AOD at the south end and 31.40 at the north end and the land rises up to the south beyond the development area limits. The furrows at the southern end of Field 4 were heavily waterlogged (Pl. 12), with water running off the upward slope from Mickle Hill to the south.

7. Conclusions and Recommendations

- 7.1 The Desk Based Assessment and Historical Landscape Characterisation noted that archaeological earthworks dating from the Medieval period within the field boundaries of the site.
- 7.2 The Medieval Strip Fields located around Pickering are the predominant Cultural Heritage Landscape Feature of Pickering as stated in The Special Qualities Study of Ryedale's Market Towns (Ryedale District Council's Local Development Framework July 2010, 32-35). These field systems are an exceptional example and are of at least regional significance.
- 7.3 The earthwork survey has provided a record of these earthworks relating to the relict Medieval landscape prior to development commencing. The ridge and furrows are all on a north-south alignment

and are probably from within a single open field south of Pickering as far south as Eastgate House on Malton Road, where the field systems changed to an east-west alignment. The open field from which the Proposed Development Area forms part, stretched as far north as Outgang Lane, the land to the north of Outgang Lane being burgage plots for Eastgate. The western boundary of the open field was formed by Pickering Beck. The eastern boundary is probably the plots on the west side of Outgang Road. Common or open-fields were ploughed by plough teams using a single plough and oxen, with a share cutting the sod and a mould board turning the sod over. Headlands were used to turn the plough. The act of ploughing strips using oxen teams often left telltale sinuous or S-shaped ridge and furrow as seen around Pickering.

- 7.4 The furrows on the site are fairly straight and uniform and there are no visible signs of the headlands where the oxen team turned. The earthworks may be the result of later steam ploughing which had the tendency to leave straighter furrows. The 1789 Enclosure Award for Pickering states the area of south of Crossgates Lane was *Ancient Inclosures*, i.e. enclosure of the open fields by agreement into smaller land blocks subdivided by hedgerow by agreement, rather than Act of Parliament. The enclosure of the fields south of Crossgates Lane is likely to have been undertaken in the Late Medieval or Early Post-medieval Period, which suggests the furrows are indeed medieval.
- 7.5 Further Archaeological Evaluation by Trial Trenching will elucidate the date, form and nature of these features.

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1839 Tithe Plan of Pickering (NYCRO T(PR/P1)).
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1890 Second Edition Ordnance Survey Map Sheet 91.11. Scale 25 inch to one mile.
1912 Ordnance Survey Map Sheet 91.11. Scale 25 inch to one mile.
1928 Ordnance Survey Map Sheet 91.11. Scale 25 inch to one mile.
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9. List of Contributors


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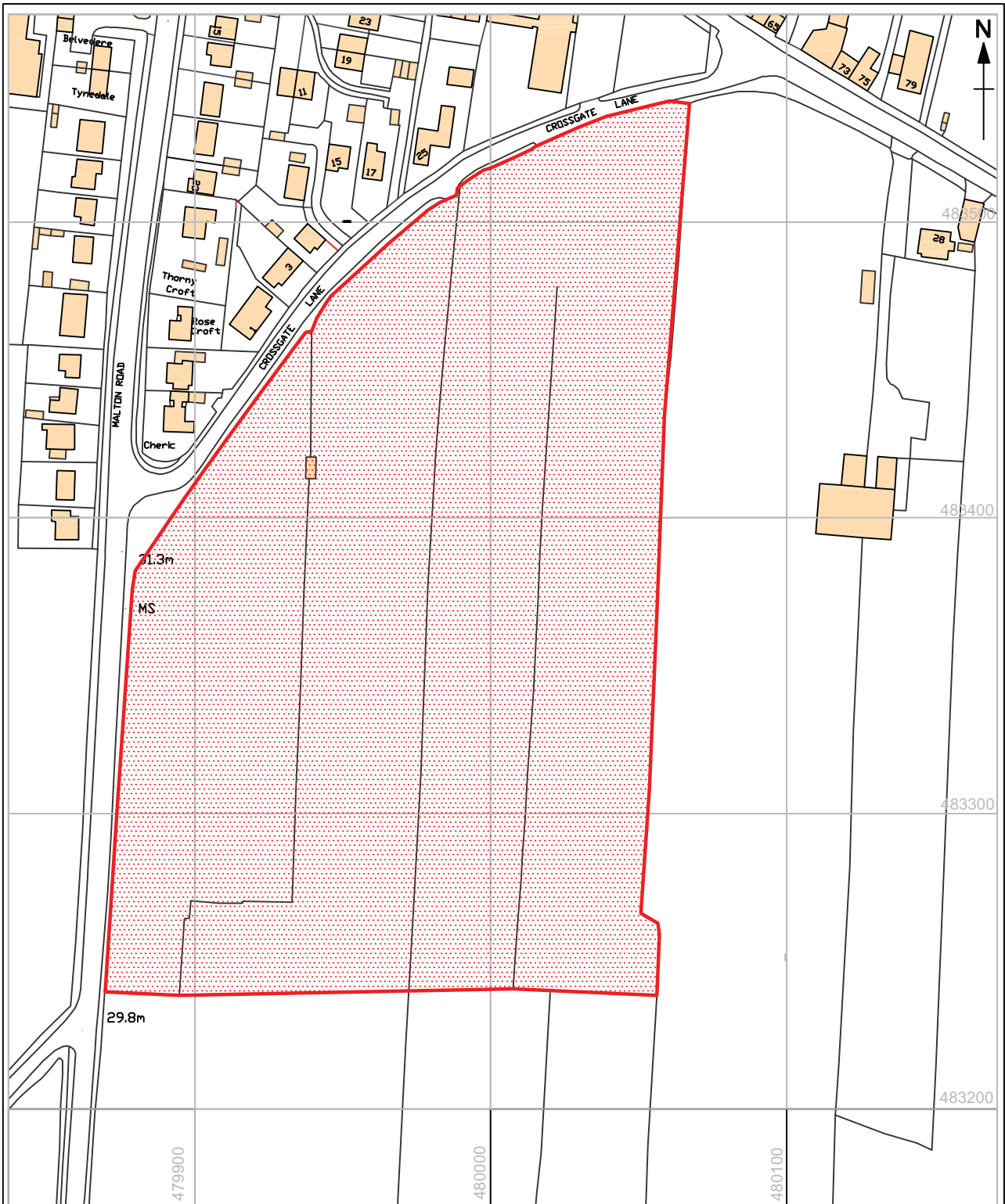
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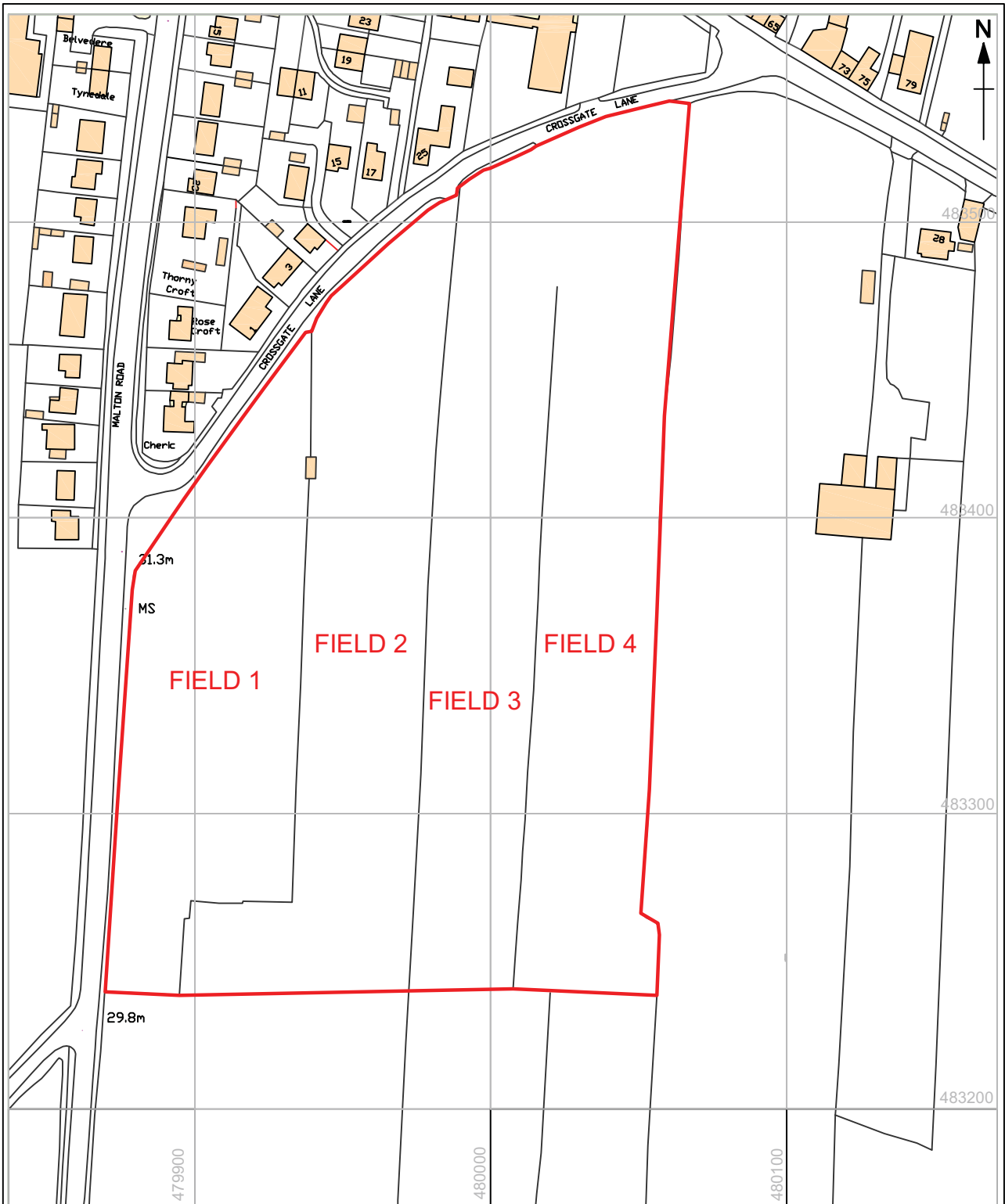


 <p>MAP Archaeological Practice Ltd Heritage Consultants</p>	<p>TITLE: Site Location.</p>	
<p>SITE: Land South of Crossgates Land, Pickering, North Yorkshire</p>	<p>FIGURE: 1.</p>	<p>Scale: 1:50,000</p>
<p>CLIENT: MHA</p>	<p>DRAWN BY: KCH</p>	




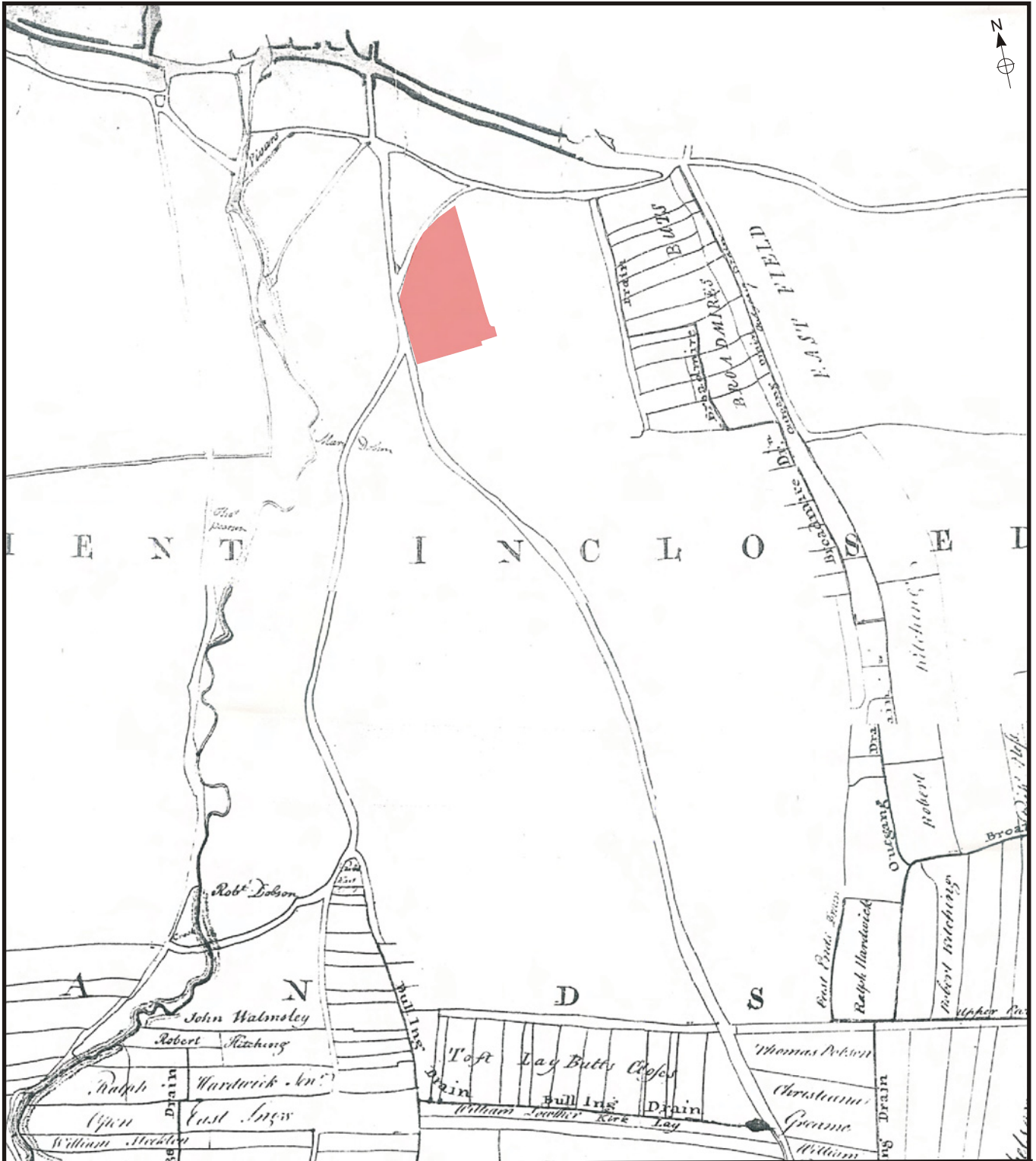
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	<p>TITLE: Proposed Development Area.</p>	
<p>SITE: Land South of Crossgates Lane, Pickering North Yorkshire</p>	<p>FIGURE: 2</p>	<p>SCALE: 1:2000</p>
<p>CLIENT: MHA</p>	<p>DRAWN BY: KCH</p>	




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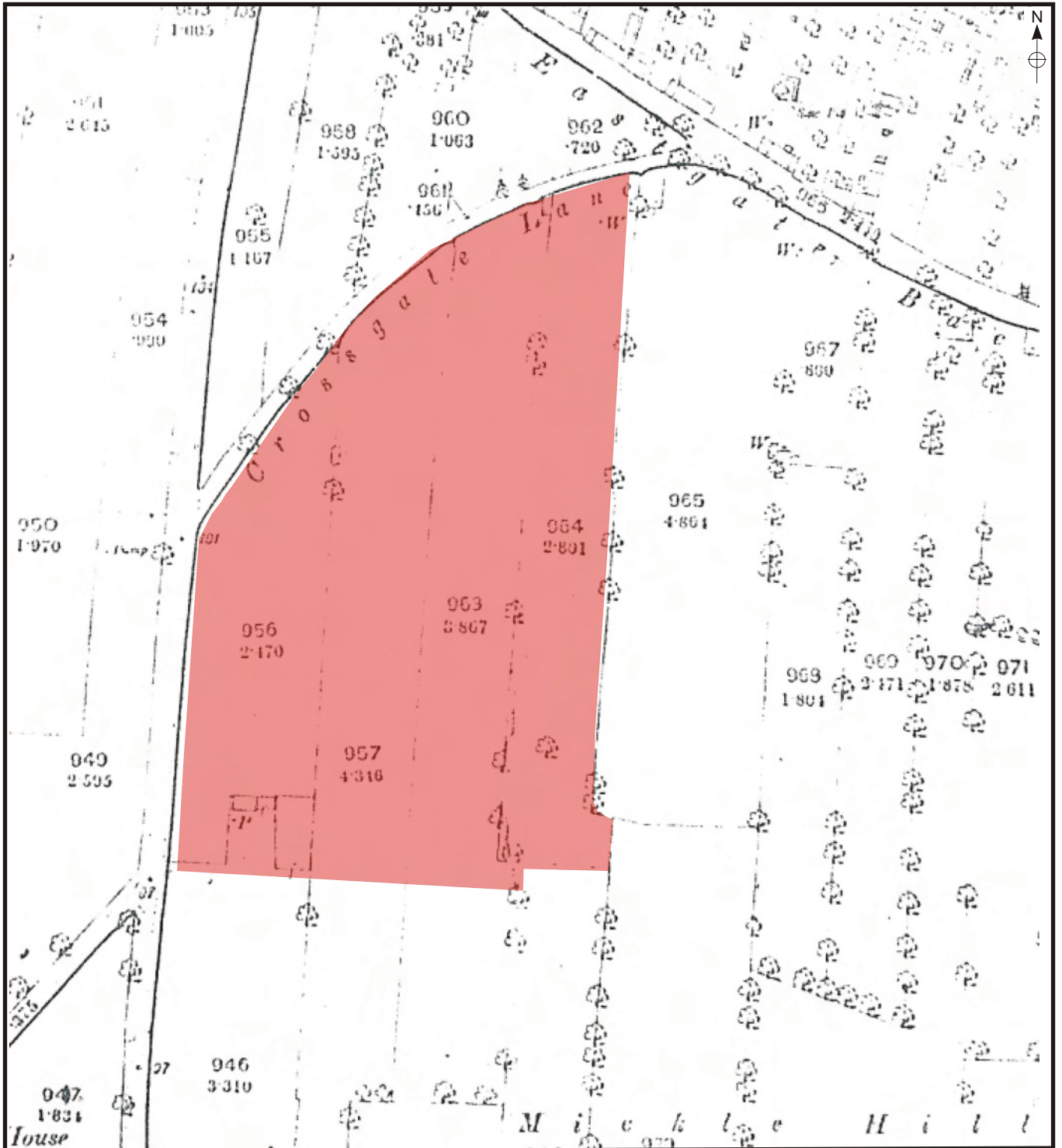
	<p>TITLE: Fields 1, 2, 3 and 4.</p>	
<p>SITE: Land South of Crossgates Lane, Pickering, North Yorkshire</p>	<p>FIGURE: 3</p>	<p>SCALE: 1:2,000</p>
<p>CLIENT: MHA</p>	<p>DRAWN BY: KCH</p>	



	TITLE: Extract from the 1789 Enclosure Award Map for Pickering and Newton (NYCRO PR/P1 11/1).	
SITE: Land South of Crossgates Lane, Pickering, North Yorkshire	FIGURE: 4.	Not to Scale
CLIENT: MHA	DRAWN BY: KCH	



	TITLE: Extract from the 1854 First Edition Ordnance Survey Map.	
SITE: Land South of Crossgates Lane, Pickering, North Yorkshire	FIGURE: 5.	Scale: 1:10,560
CLIENT: MHA	DRAWN BY: KCH	



TITLE: Extract from the 1890 Edition Ordnance Survey Map.

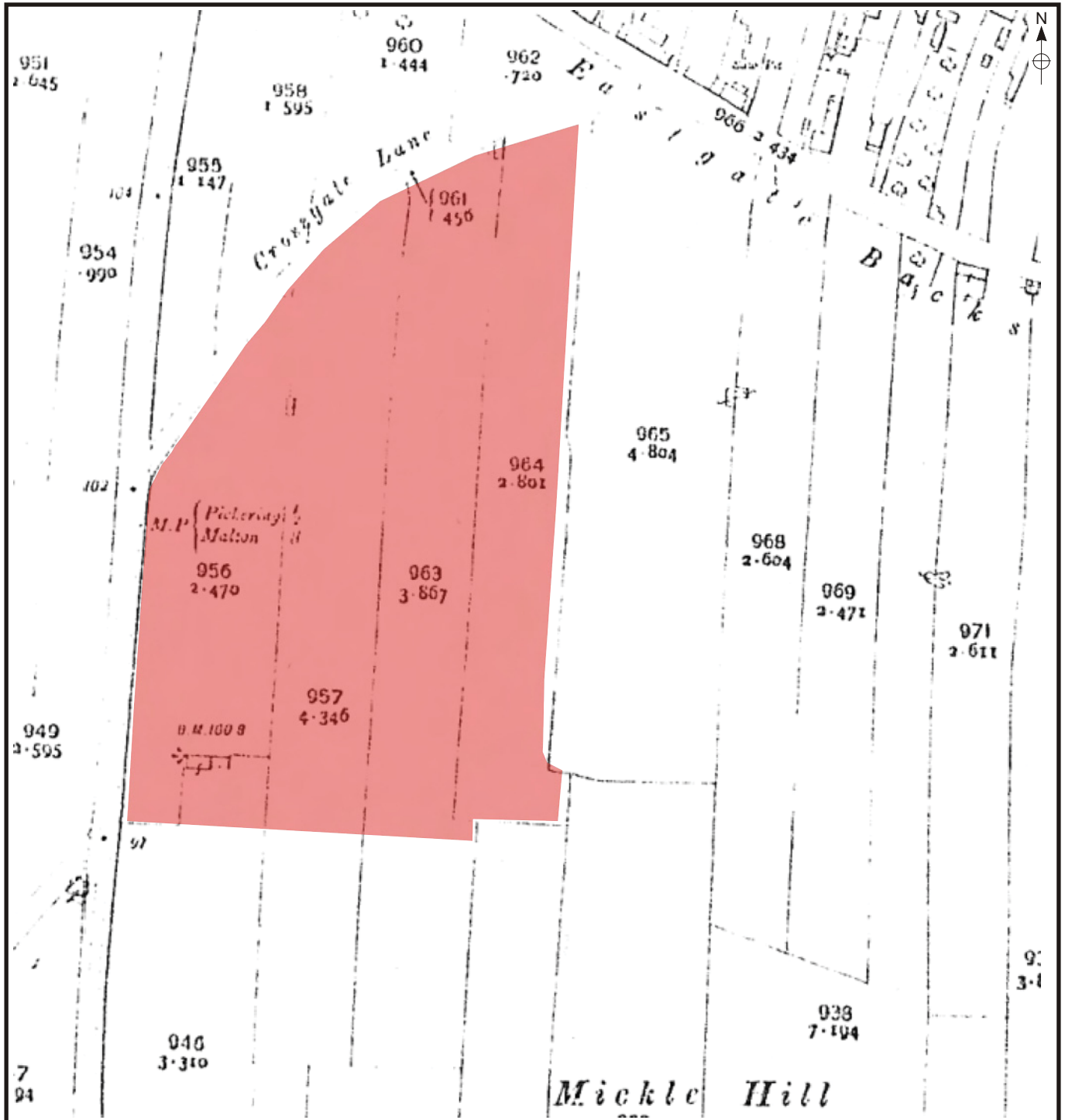
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FIGURE: 6.

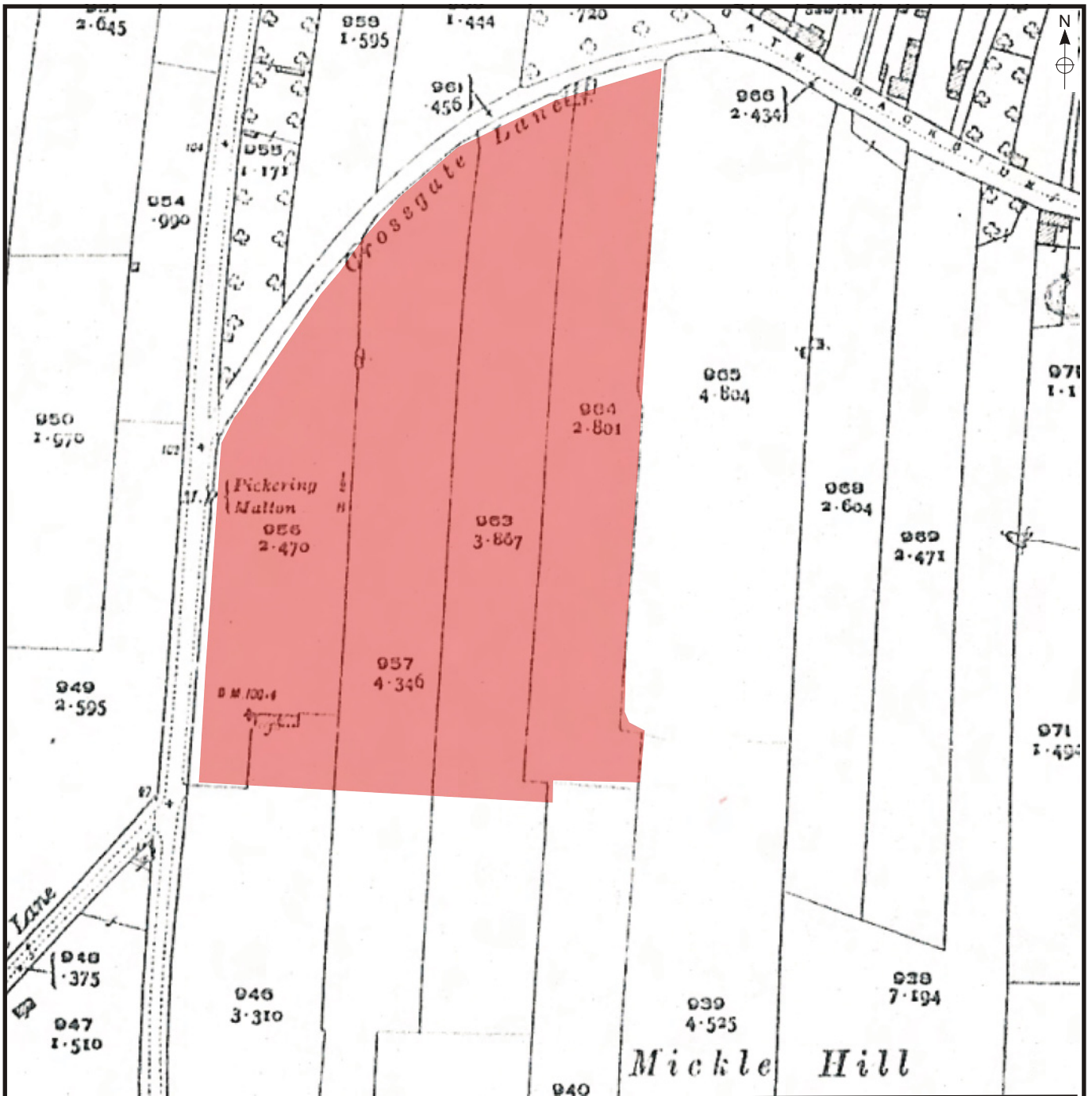
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CLIENT: MHA

DRAWN BY: KCH



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CLIENT: MHA	DRAWN BY: KCH	



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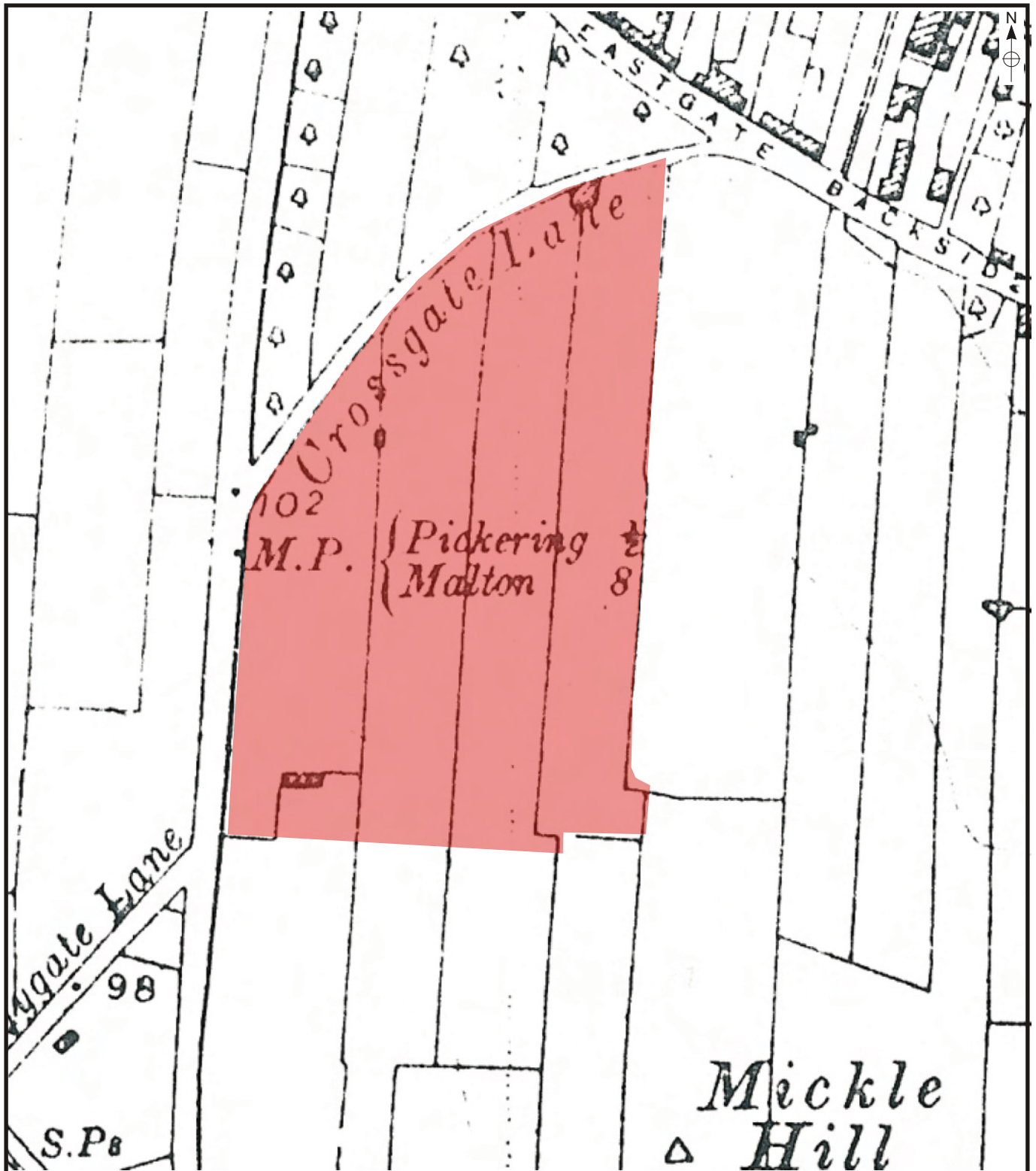
SITE: Land South of Crossgates Lane, Pickering, North Yorkshire


FIGURE: 8.

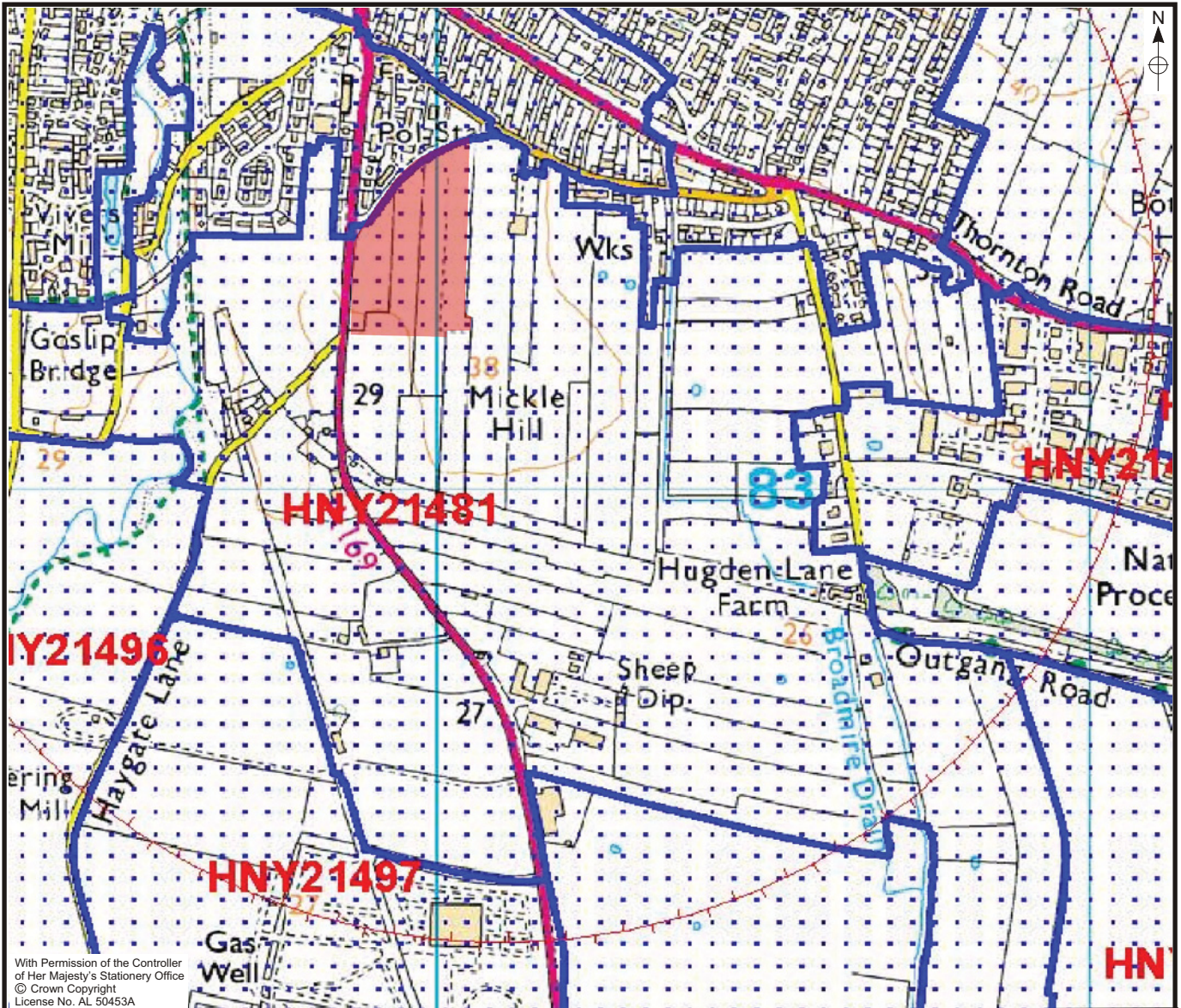
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CLIENT: MHA

DRAWN BY: KCH



	TITLE: Extract from the 1938 Edition Ordnance Survey Map.	
SITE: Land South of Crossgates Lane, Pickering, North Yorkshire	FIGURE: 9.	Scale: 25 inches to one mile
CLIENT: MHA	DRAWN BY: KCH	



TITLE: Historic Landscape Characterisation on the North Yorkshire Historic Environment Record.

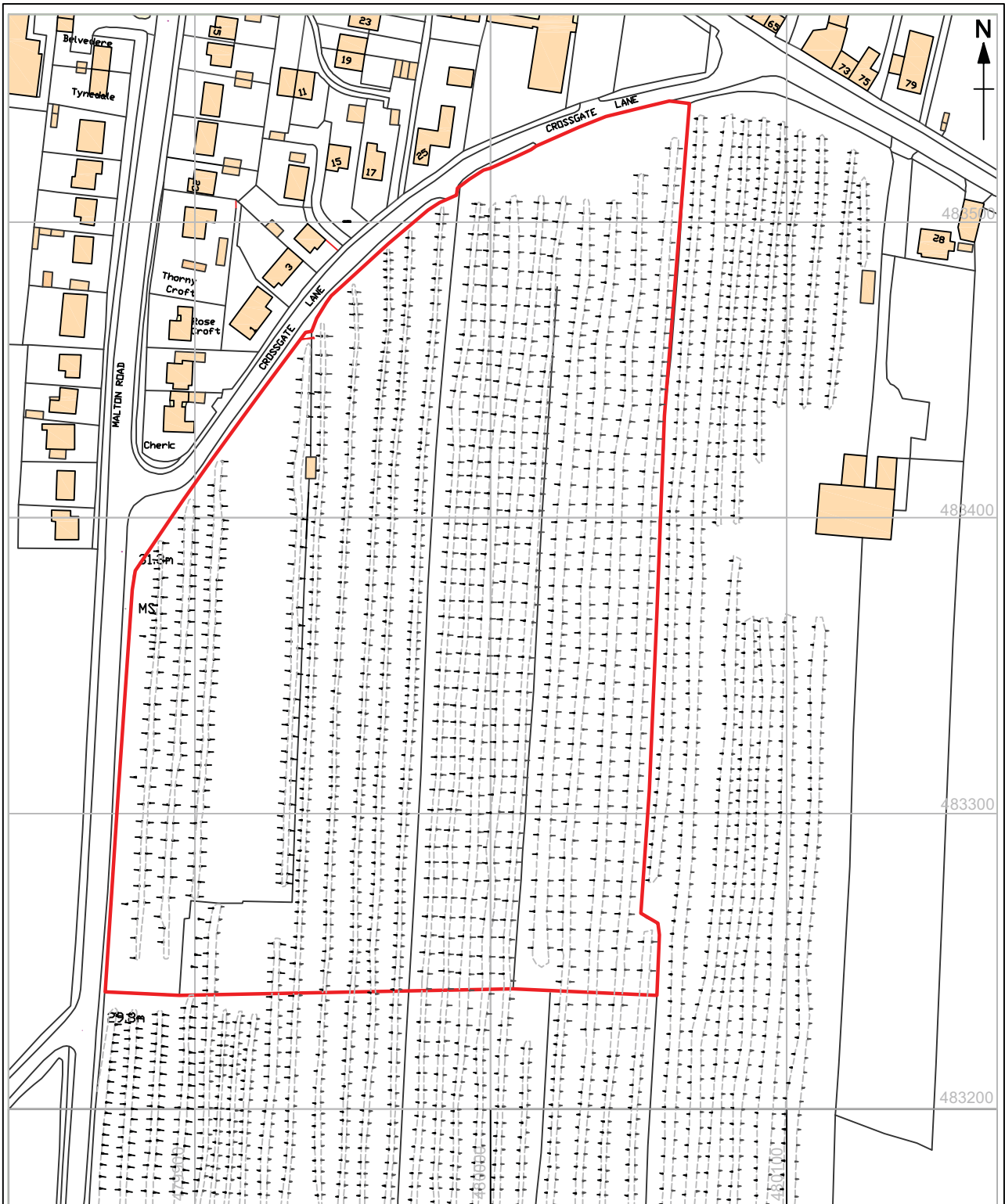
SITE: Land South of Crossgates Lane, Pickering, North Yorkshire

FIGURE: 10.

Scale: 1:10,000

CLIENT: MHA

DRAWN BY: KCH



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	<p>TITLE: Ridge and Furrow in Fields 1-4.</p>	
<p>SITE: Land South of Crossgates Lane, Pickering, North Yorkshire</p>	<p>FIGURE: 11</p>	<p>SCALE: 1:2,000</p>
<p>CLIENT: MHA</p>	<p>DRAWN BY: KCH</p>	



Plate 1. Ridge and Furrow in Field 1. Facing South.



Plate 2. Area of Dumping in Field 1. Facing North-east.



Plate 3. Area of Dumping in Field 1. Facing South.



Plate 4. Ridge and Furrow in Field 1. Facing North-west.



Plate 5. Ridge and Furrow in Field 1. Facing North.



Plate 6. Field Boundary at southern end of Field 1. Facing North.



Plate 7. Field Boundary at southern end of Field 1. Facing East.



Plate 8. Ridge and Furrow in Field 2. Facing North



Plate 9. Ridge and Furrow in Field 3. Facing South.



Plate 10. Ridge and Furrow in Field 4. Facing North.



Plate 11. Ridge and Furrow in Field 4. Facing South.



Plate 12. Ground water visible in Furrows in Field 4. Facing South.

