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ARCHAEOLOGICAL MONITORING & RECORDING AT
BROOMLANDS, MOORTOWN ROAD,
NETLETON, LINCOLNSHIRE.

National Grid Reference: TF 9995 0949
Site Code: MRNE18
Accession No: LCNCC: 2018.73
Planning Reference: 137157

PREPARED FOR MS. KATE PARKER

By

Neville Hall

November 2018

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Summary

The archaeological monitoring and recording of the groundworks pertaining to the construction of a new residential dwelling and attached garage/outbuilding on land at Broomlands, Moortown Road, Nettleton, Lincolnshire, was carried out by Neville Hall on the 1st-3rd of October 2018.

The monitored groundworks for this development which consisted of the mechanical excavation of the foundations for the new residential dwelling and attached garage/outbuilding were the subject of continual archaeological monitoring and recording.

This archaeological monitoring did not identify any archaeological activity on this site and there were no finds.

The findings comprised a simple deposit sequence which consisted of a topsoil horizon which overlay an underlying natural horizon of sands. This sequence was consistent throughout of the whole of the monitored area. This deposit sequence was recorded within a total of six representative sections which were widely distributed across the development site.

1. Introduction

- 1.1 Neville Hall was commissioned by Ms. Kate Parker to undertake the archaeological monitoring and recording of the groundworks pertaining to the construction of a new residential dwelling and attached garage/outbuilding at Broomlands, Moortown Road, Nettleton, Lincolnshire, centred at National Grid Reference TF 9995 0949. The archaeological monitoring was carried out at the development site on the 1st-3rd of October 2018.
- 1.2 The work was carried out according to the requirements of various archaeological conditions, which were attached to the granting of planning consent for this development by West Lindsey District Council, the Local Planning Authority and acting on the advice of the Lincolnshire County Council Historic Environment Team, in their capacity as archaeological advisors on planning issues to the District Council. This is in accordance with the principles established in *NPPF: Planning for the Historic Environment: Historic Environment Planning Practice Guide* (Department of Culture, Media and Sport, 2010), and *Standard and guidance for archaeological watching briefs* (CHIfA, 2014).
- 1.3 Copies of the final report will be deposited with the client, the Lincolnshire County Council Historic Environment Team, the Planning Department of West Lindsey District Council, the Lincolnshire Heritage Environment Record (HER) and The Collection, Lincoln, along with an ordered project archive for long term storage and curation.

2. Site Location and Description

- 2.1 The development site is situated on land well off and set back from the southern frontage of the Nettleton Road at National Grid Reference TF 9995 0949, and at a height of approximately 20mAOD. The development site is accessed via a farm trackway from this southern frontage. The development site is situated within the parish of Nettleton, and in the administrative district of West Lindsey, county of Lincolnshire. **[Figures 1 and 2].**
- 2.2 The development site is situated within an undulating upland area of the Lincolnshire Wolds. The area of the development site is situated on deep stoneless sandy and coarse loamy soils of the Blackwood Series. These deposits in turn overlie Ampthill and Kimmeridge Clays of the Upper Jurassic [BGS, 1999; Soil Survey, 1983].

3. Planning Background

- 3.1 An application for planning permission (Planning Reference: 137157) for the proposed construction of a new residential dwelling and attached garage/outbuilding at Broomlands, Moortown Road, Nettleton, Lincolnshire has been submitted to and granted consent by West Lindsey District Council, the Local Planning Authority. However, as the proposed development site was situated within a perceived archaeologically sensitive area, various archaeological conditions (Nos. 5-9) were attached to this planning consent.
- 3.2 Following the receipt of an Archaeological Brief for this planning consent by the Lincolnshire County Council Historic Environment Team, it was established that the requirement for the archaeological programme of works on this site would comprise the archaeological monitoring of the groundworks during the construction stage of development at the site.

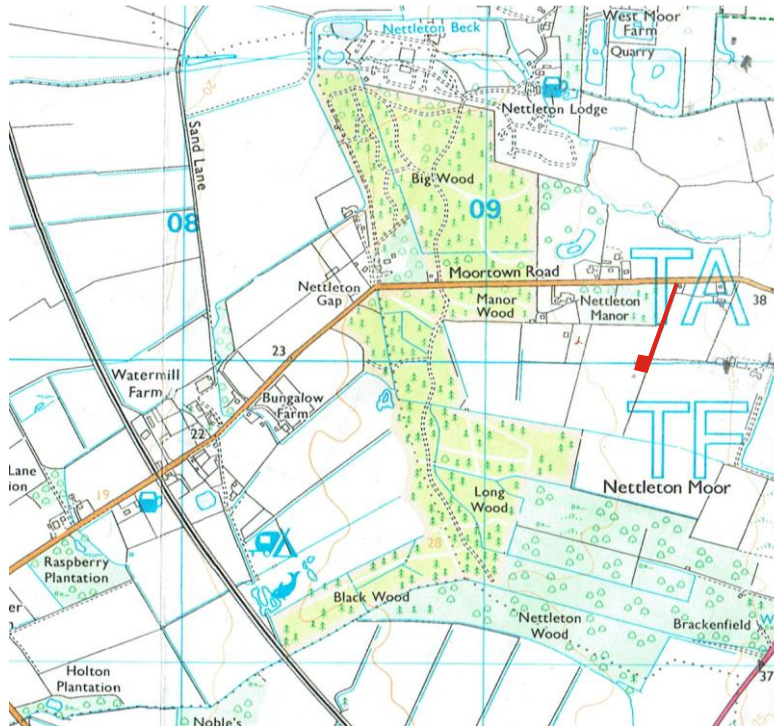


Figure 1: Site location at scale 1:25,000. The site is shown in red. (O.S. copyright licence number 100048723)

- 3.3 A specification or a written scheme of works for the archaeological monitoring was subsequently submitted to and approved by the Lincolnshire County Council Historic Environment Team (on behalf of the LPA) and notification given of the start date of the site groundworks programme prior to the commencement of the on-site archaeological works as required by Conditions 5 and 6 of this planning consent.
- 3.4 All of the archaeological monitoring and recording which was carried out on this site was undertaken in accordance with the agreed written scheme of works as required by Condition 7 of this planning consent.
- 3.5 This report documents the results of this programme of site archaeological monitoring and recording and will be submitted to the Lincolnshire County Council Historic Environment Team and to the Local Planning Authority as required by Condition 8 of this planning consent.

4. Aims and objectives of the project

- 4.1 The aims of the project were the continual archaeological monitoring of the site groundworks during the construction stage of development, which comprised the mechanical excavation of the foundations for the new residential dwelling and attached garage/outbuilding.
- 4.2 The objectives of the project were:

To establish the presence/absence of archaeological remains within the area of the development site.

To determine the extent, condition, nature, character, quality and date of any archaeological remains encountered.

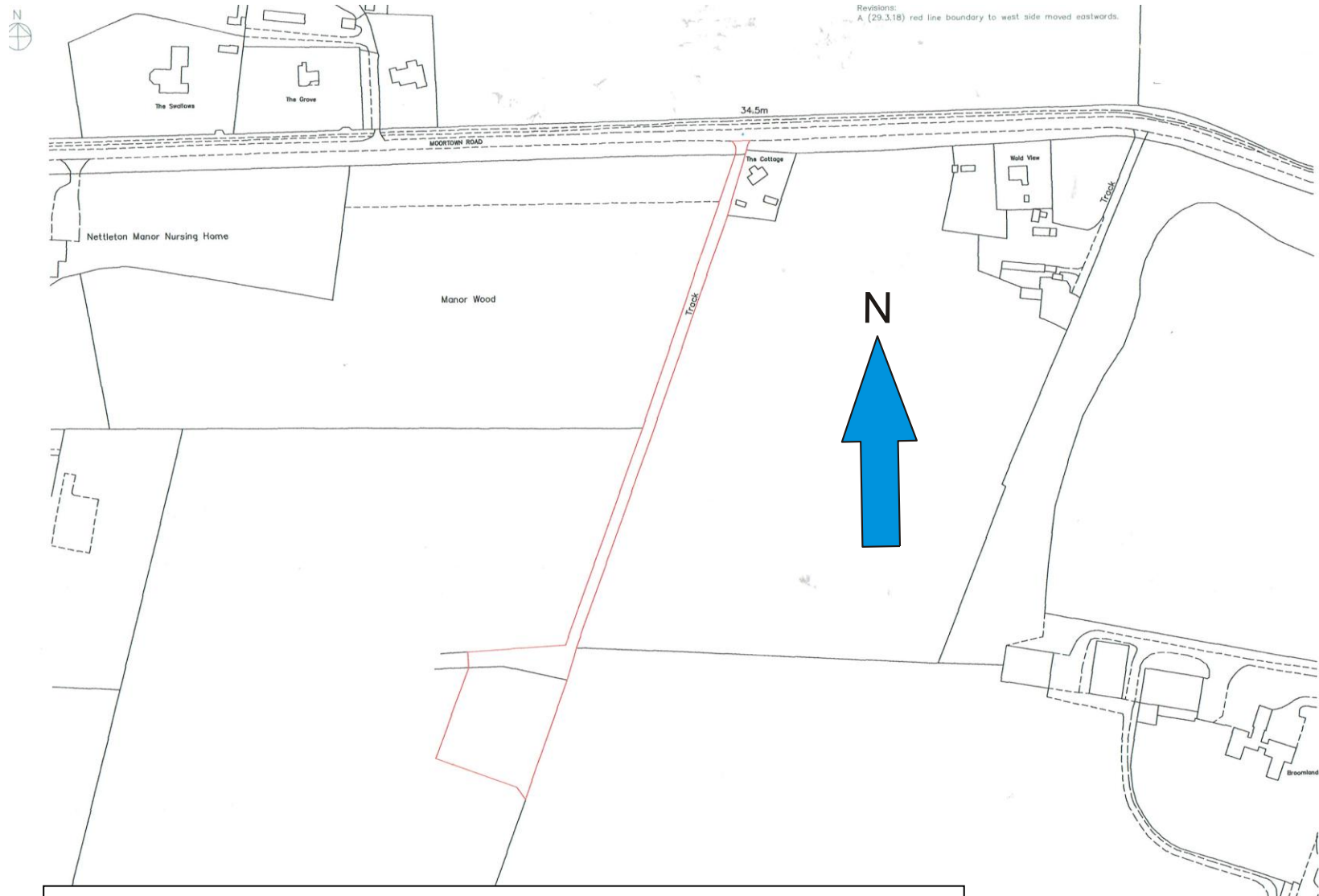


Figure 2: Site location at an original scale of 1:1,250 at A3, (extract from Architects plan)

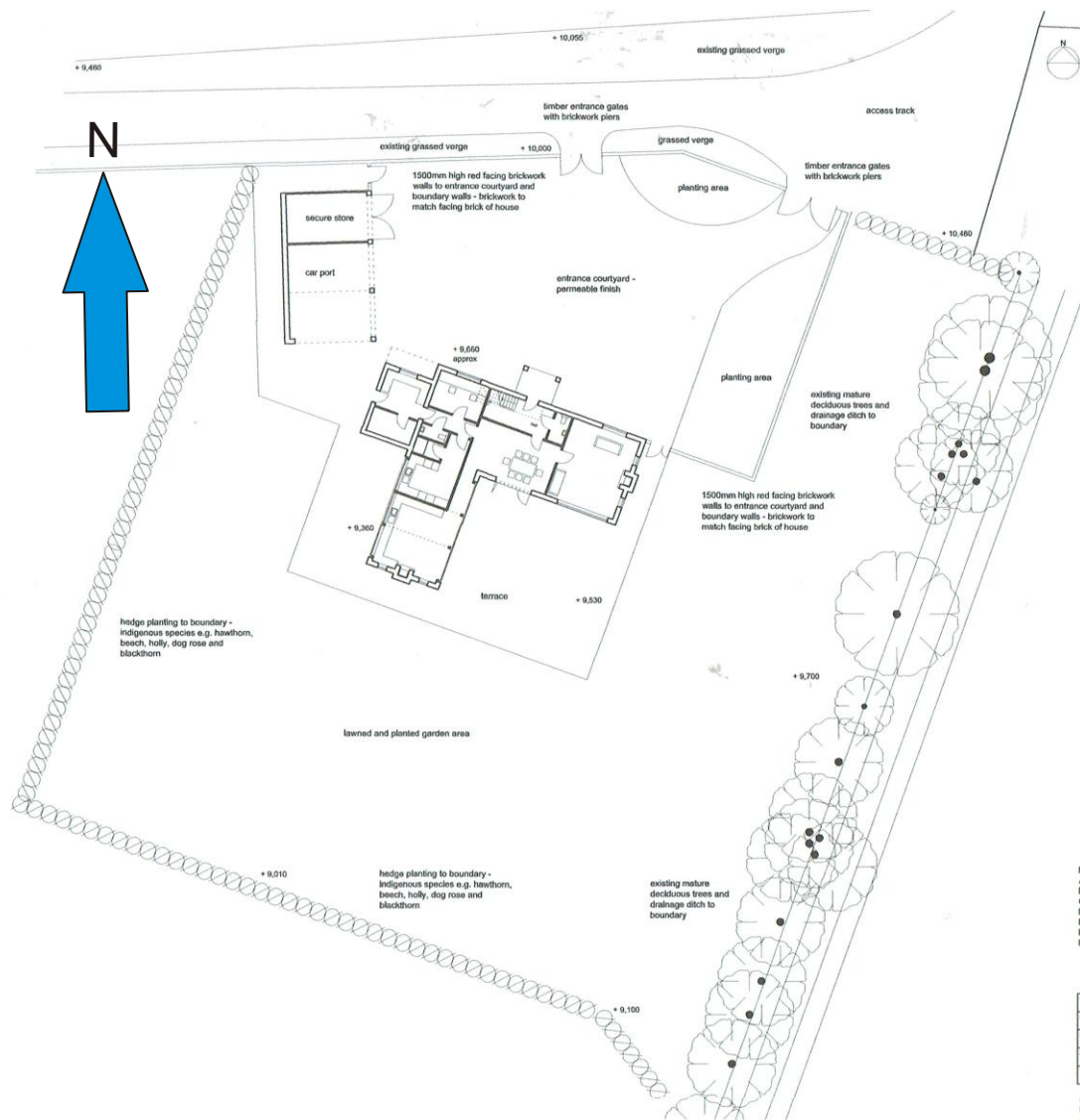


Figure 3: Block plan showing the proposed layout of the development site at an original scale of 1:200 at A3, (extract from Architects plan)

To allow the preservation by record of archaeological deposits.

- 4.3 It is perceived that this development site may lie within an area of possible prehistoric archaeological activity. Several various scatters of worked flints from the Early Neolithic period to the Late Bronze Age have been found in the vicinity of this development site. So it was considered probable that prehistoric archaeological activity and further such finds may be made on this development site. The specific objectives of this archaeological monitoring were to identify and record any such prehistoric archaeological activity and finds.

5. Archaeological and Historical Background

- 5.1 Background research sources were consulted at the Lincolnshire Archives, the Lincolnshire County Council Historic Environment Record (HER) and the Lincoln Local

Studies Library. A search of the Lincolnshire HER was conducted within a 1km radius of the development site. The National Heritage List of Historic England was also consulted.

- 5.2 A scatter of prehistoric flints of Early Neolithic to late Bronze Age date has been found at Brackenfield (HER 50206).
- 5.3 A further scatter of prehistoric flints of Early Neolithic to late Bronze Age date has been found to the north of Moortown Road (HER 50214).
- 5.4 Bronze Age worked flints were ploughed up in 1943-4 to the south of the Moortown Road (HER 50218).
- 5.5 The deserted medieval hamlet of Drayton lies to the north of the Moortown Road (HER 50196). This was one of four medieval settlements in the parish of Nettleton. It was first documented in AD1212 and is mentioned again in early 14th century documentation. It is located within a group of old enclosures to the north and west of the Nettleton medieval settlement with the field name Drakers Close and slight earthworks visible on aerial photographs.
- 5.6 Two possible medieval earthwork boundaries are situated to the north of the Moortown Road (HER 51580).
- 5.7 A slight, but extensive area of post-medieval earthworks occur around Manor Farm and especially to the east (HER 51572). These coincide with an area of old enclosures on the Nettleton Enclosure Award map.
- 5.8 Manor Farm at Nettleton is an extant 19th century farmstead (HER 57032). This was arranged around a regular courtyard with linked working buildings on all four sides of the yard. The farmhouse was detached from the main working complex. The farmhouse is the only surviving historical structure. The farmstead was in an isolated location.
- 5.9 An area of woodland known as Big Wood has been designated as an 'area of Ancient woodland' (HER 50660).
- 5.10 The cropmarks of undated enclosures and a linear feature are situated to the east of Nettleton Lodge (HER 51579). These have been plotted from aerial photographic sources.
- 5.11 Copies of published early edition O.S maps were obtained from the Lincolnshire Archives and from the local studies collections of the Lincoln Central Library. An extract from the First Edition 25 inch to one mile scale O.S map of 1887 shows the area around the development site as a series of enclosures to the south of the Moortown Road.
- 5.12 This same layout to the area of the development site is repeated on the subsequent Second Edition 25 inch to one mile scale O.S map of 1906, on the Provisional Edition six inch to one mile scale O.S. map of 1950 and on the 1:10,560 scale O.S. map of 1956.
- 5.13 An extract from the 1:2,500 scale O.S. map of 1971 shows that by this time, a field boundary had been removed to the south to create a larger enclosure here. An extract from the 1:10,000 scale O.S. map of 1984, features the trackway that leads onto the development site and which extends southwards from the Moortown Road.
- 5.14 **Figures 1 and 2** show the existing layout of the development site.

6. Methodology

- 6.1 The archaeological monitoring and recording was undertaken by Neville Hall at the development site on the 1st-3rd of October 2018. This comprised the continual archaeological monitoring and recording of the mechanical excavation of the foundations for the new residential dwelling and attached garage/outbuilding. These mechanical excavations were carried out by a JCB 3cx mechanical excavator that was fitted with 0.45m and 0.60m wide toothless buckets.
- 6.2 Where necessary, surfaces were hand cleaned for examination and recording and the deposit sequence observed was recorded on standard *pro-forma* context recording sheets. A plan at a scale of 1:100 was compiled on site of the monitored groundworks. This plan is reproduced in this report at this same scale on **Figure 4**. A total of seven sections of the observed deposit sequence [designated as **Representative Sections 1-7**] were also compiled on site at a scale of 1:20. These are reproduced at this same scale also on **Figure 4**. A complimentary digital colour photographic record was also maintained, a selection of which is reproduced in **Appendix 1, Plates 1-51**. A list of contexts recorded is reproduced in **Appendix 2**.
- 6.3 All work was carried out according to the approved Specification and to the Chartered Institute of Field Archaeologists (CHIfA) standards and guidance for archaeological watching briefs.

7. Results [Figure 4; Appendix 1, Plates 1-51]

- 7.1 The monitored groundworks for this development which consisted of the mechanical excavation of the foundations for the new residential dwelling and an attached new garage/outbuilding, were the subject of continual archaeological monitoring and recording.
- 7.2 The foundations for the new residential dwelling and attached garage/outbuilding had already been set out prior to arrival. The foundations for the new residential dwelling and the attached garage/outbuilding were mechanically excavated under archaeological supervision, to varying lengths, to widths of between 0.45m-0.60m and to depths of between 0.70m-0.90m below ground levels. These foundations also included the excavation of a number rectangular shaped foundation pads, which are featured on **Figure 4**, along with the excavated foundation trenches [**Plates 5-10; 12-13; 15-20; 21-23; 25-26; 28-37; 39-42 and 44-51**].
- 7.3 These mechanical excavations extended through a topsoil horizon (**001**) and into an underlying natural horizon of sands (**002**). This deposit sequence was encountered over the entire monitored area and was recorded within **Representative Sections 1-7 [Plates 4; 11; 14; 24; 27; 38 and 43**.
- 7.4 No archaeological activity was identified on this site and there were no finds.

8. Discussion and Conclusions

- 8.1 The monitored groundworks for this development which consisted of the mechanical excavation of the foundations for the new residential dwelling and attached garage/outbuilding were the subject of continual archaeological monitoring and recording.
- 8.2 This archaeological monitoring did not identify any archaeological activity on this site and there were no finds.

- 8.3 The findings comprised a simple deposit sequence which consisted of a topsoil horizon which overlay an underlying natural horizon of sands. This sequence as consistent throughout of the whole of the monitored area. This deposit sequence was recorded within a total of six representative sections which were widely distributed across the development site.

9. Effectiveness of Methodology and Confidence Rating

- 9.1 The chosen methodology comprising a programme of archaeological monitoring and recording clearly demonstrated both the absence of archaeological activity and the lack of finds and the nature of the deposit sequence present on this site; while providing sufficient time to record the deposit sequence therein. It is considered that the implemented methodology was sufficient to record both the absence of archaeological activity and of finds and the nature of the deposit sequence present within the area of the development site with a high degree of confidence.

10. Acknowledgements

- 10.1 Thanks are gratefully extended to Ms. Kate Parker for commissioning this work. Thanks are also extended to the Lincolnshire County Council Historic Environment Team and to the staff of the Lincolnshire Heritage Environment Record, the Lincoln Local Studies Library and the Lincolnshire Archives for their kind assistance.

11. Bibliography

British Geological Survey, (1999), Sheet 102, *Market Rasen, Solid & Drift Geology*, Scale 1:50,000.

Extract from the First Edition 25 inch to one mile scale O.S. map of 1887, map sheet no. Lincolnshire 28.16.

Extract from the Second Edition 25 inch to one mile scale Ordnance Survey (O.S.) map of 1906, map sheet no. Lincolnshire 28.16.

Extract from the Provisional Edition six inch to one mile scale Ordnance Survey (O.S.) map of 1950, map sheet no. Lincolnshire 46NE.

Extract from the 1:10,560 scale Ordnance Survey (O.S.) map of 1956, map sheet no. TF 90 NW.

Extract from the 1:2,500 scale O.S. map of 1976.

Ordnance Survey, (2016), 1:25,000 scale Explorer Map Sheet No. 281, *Ancholme Valley, Barton-upon-Humber, Brigg, Scunthorpe & Kirton in Lindsey*.

Soil Survey of England & Wales, (1983), Soils of Eastern England, Sheet 4, 1:250,000 scale.

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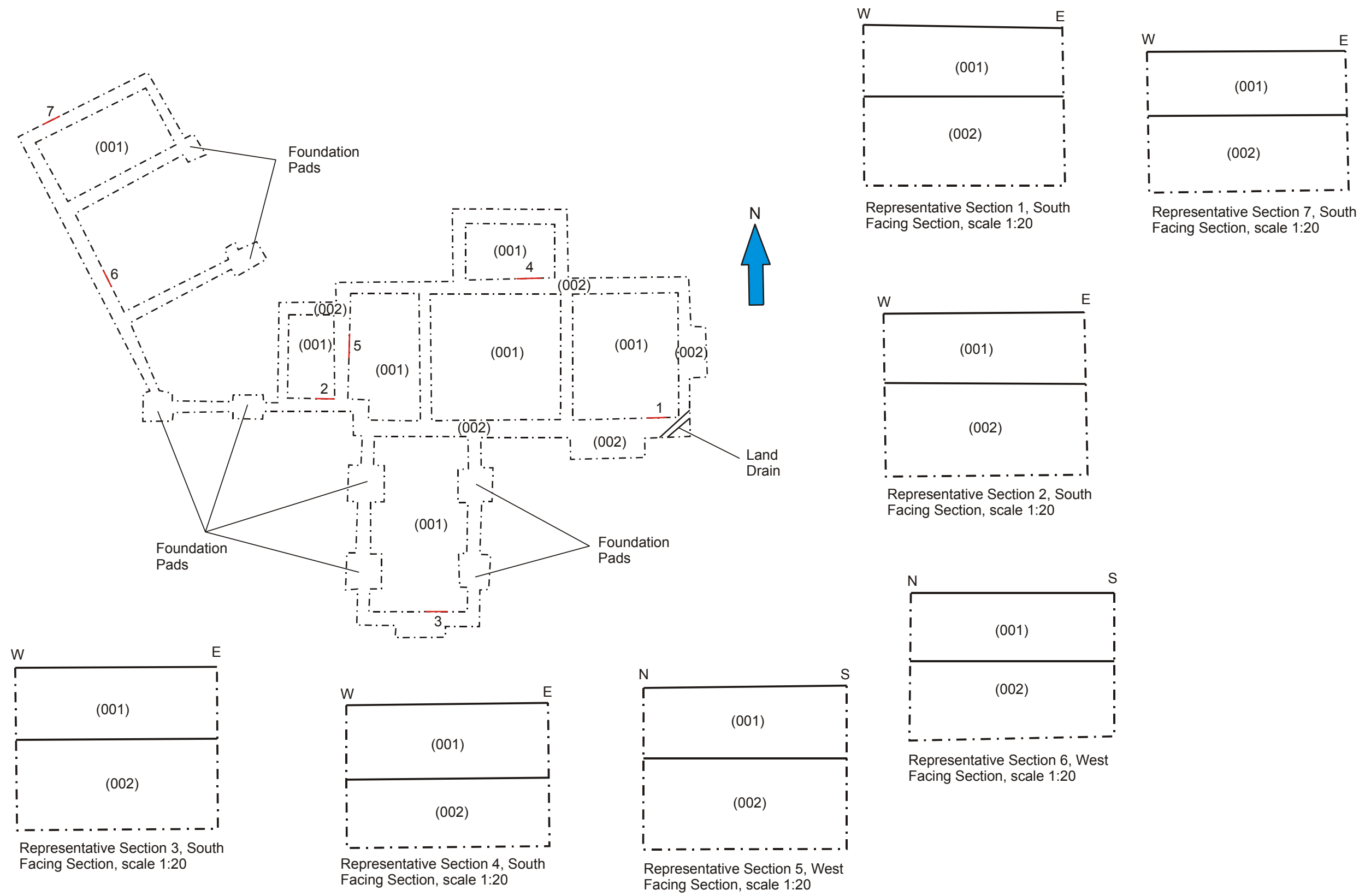


Figure 4: Plan of the Monitored Groundworks at a scale of 1:200 & Representative Sections 1-7 at a scale of 1:20

Appendix 1: Plates



Plate 1: Pre-groundworks, from the south-east



Plate 2: Pre-groundworks, from the south-east



Plate 3: Pre-groundworks, from the south-east



Plate 4: Representative Section 1, from the south



Plate 5: Excavation of the foundations, from the east



Plate 6: Excavation of the foundations, from the east



Plate 7: Excavation of the foundations, from the south-east



Plate 10: Excavation of the foundations, from the north-east



Plate 8: Excavation of the foundations, from the south-east



Plate 11: Representative Section 2, from the south



Plate 9: Excavation of the foundations, from the north-east



Plate 12: Excavation of the foundations, from the south-east



Plate 13: Excavation of the foundations, from the north-west



Plate 16: Excavation of the foundations, from the north-west



Plate 14: Representative Section 3, from the south



Plate 17: Excavation of the foundations, from the north-west



Plate 15: Excavation of the foundations, from the east



Plate 18: Excavation of the foundations, from the south



Plate 19: Excavation of the foundations, from the east



Plate 22: Excavation of the foundations, from the east



Plate 20: Excavation of the foundations, from the south



Plate 23: Excavation of the foundations, from the east



Plate 21: Excavation of the foundations, from the east



Plate 24: Representative Section 4, from the south



Plate 25: Excavation of the foundations, from the east



Plate 28: Excavation of the foundations, from the south-west



Plate 26: Excavation of the foundations, from the south-west



Plate 29: Excavation of the foundations, from the south-west



Plate 27: Representative Section 5, from the west



Plate 30: Excavation of the foundations, from the east



Plate 31: Excavation of the foundations, from the east



Plate 34: Excavation of the foundations, from the east



Plate 32: Excavation of the foundations, from the east



Plate 35: Excavation of the foundations, from the east



Plate 33: Excavation of the foundations, from the east



Plate 36: Excavation of the foundations, from the south



Plate 37: Excavation of the foundations, from the south



Plate 40: Excavation of the foundations, from the south



Plate 38: Representative Section 6, from the west



Plate 41: Excavation of the foundations, from the south



Plate 39: Excavation of the foundations, from the south



Plate 42: Excavation of the foundations, from the north



Plate 43: Representative Section 7,
from the south



Plate 46: Excavation of the foundations,
from the south



Plate 44: Excavation of the foundations,
from the north



Plate 47: Excavation of the foundations,
from the south



Plate 45: Excavation of the foundations,
from the south



Plate 48: Excavation of the foundations,
from the west



Plate 49: Excavation of the foundations, from the north-west



Plate 50: Excavation of the foundations, from the north-west



Plate 51: Excavation of the foundations, from the north-west

Appendix 2: List of Contexts

- 001** Topsoil horizon. Friable, dark orange brown sandy silt with no inclusions. Above **(002)**. Recorded within **Representative Sections 1-7**. Depth - 0.36m.
- 002** Natural horizon. Friable, light orange brown/light buff sand. Below **(001)**. Recorded within **Representative Sections 1-7**. Depth - >0.42m.

Appendix 3: The Archive

The archive consists of:

Two context records

One site plan of the monitored groundworks at a scale of 1:200 and seven section drawings at a scale of 1:20 on one sheet of drawing film

One context register

One photographic register

All records are currently held at:

38 Finningley Road

Lincoln

LN6 0UP

And will be deposited in due course at:

The Collection

Danes Terrace

Lincoln

LN2 1LP

Under the accession number **LCNCC: 2016.202** and the site code **MSOS16**

Appendix 4: Photographic Register

PHOTOGRAPHIC RECORD SHEET

Camera No.	Date Loaded / /	Time Loaded :	Comments	B&W Col. Digi. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Frame	Comments	View	Scale	Init & Date	Site
	Identification Shot	N/A	N/A		
1	Pre-groundwork	SE		At 1/10/14	MRLEIT
2	" "	"		" "	"
3	" "	"		" "	"
4	Representative Section 1	S		" "	"
5	Excavation of the Foundation	E		At 1/10/14	MRLEIT
6	Excavation of the Foundation	E		At 1/10/14	MRLEIT
7	Excavation of the Foundation	SE		At 1/10/14	MRLEIT
8	Excavation of the Foundation	SE		At 1/10/14	MRLEIT
9	Excavation of the Foundation	NE		At 1/10/14	MRLEIT
10	Excavation of the Foundation	NE		At 1/10/14	MRLEIT
11	Representative Section 2	S		At 1/10/14	MRLEIT
12	Excavation of the Foundation	SE		At 1/10/14	MRLEIT
13	Excavation of the Foundation	NW		At 1/10/14	MRLEIT
14	Representative Section 3	S		At 1/10/14	MRLEIT
15	Excavation of the Foundation	E		At 1/10/14	MRLEIT
16	Excavation of the Foundation	NW		At 1/10/14	MRLEIT
17	Excavation of the Foundation	NW		At 1/10/14	MRLEIT
18	Excavation of the Foundation	S		At 1/10/14	MRLEIT
19	Excavation of the Foundation	E		At 1/10/14	MRLEIT

PHOTOGRAPHIC RECORD SHEET

Camera No.	Date Loaded	Time Loaded	Comments		B&W Col. Digi.
Frame	Comments	View	Scale	Init & Date	Site
	Identification Shot	N/A	N/A		
	the Foundation				
20	Excavation of the Foundation	S		At 1/10/15	MRLEIT
21	Excavation of the Foundation	E		At 2/10/15	MRLEIT
22	Excavation of the Foundation	E		At 2/10/15	MRLEIT
23	Excavation of the Foundation	E		At 2/10/15	MRLEIT
24	Representative Section 4	S		At 2/10/15	MRLEIT
25	Excavation of the Foundation	E		At 2/10/15	MRLEIT
26	Excavation of the Foundation	SW		At 2/10/15	MRLEIT
27	Representative Section 5	W		At 2/10/15	MRLEIT
28	Excavation of the Foundation	SW		At 2/10/15	MRLEIT
29	Excavation of the Foundation	SW		At 2/10/15	MRLEIT
30	Excavation of the Foundation	E		At 2/10/15	MRLEIT
31	Excavation of the Foundation	E		At 2/10/15	MRLEIT
32	Excavation of the Foundation	E		At 2/10/15	MRLEIT
33	Excavation of the Foundation	E		At 2/10/15	MRLEIT
34	Excavation of the Foundation	E		At 2/10/15	MRLEIT
35	Excavation of the Foundation	E		At 2/10/15	MRLEIT
36	Excavation of the Foundation	S		At 2/10/15	MRLEIT

PHOTOGRAPHIC RECORD SHEET

Camera No.	Date Loaded	Time Loaded	Comments		B&W Col. Dig.
Frame	Comments	View	Scale	Init & Date	Site
	Identification Shot	N/A	N/A		
	the Foundation				
37	Excavation of the Foundation	S		NA 2/10/14	MRLNET
38	Representative Section 6	W		NA 2/10/14	MRLNET
39	Excavation of the Foundation	S		NA 2/10/14	MRLNET
40	Excavation of the Foundation	S		NA 2/10/14	MRLNET
41	Excavation of the Foundation	S		NA 2/10/14	MRLNET
42	Excavation of the Foundation	N		NA 2/10/14	MRLNET
43	Representative Section 7	S		NA 3/10/14	MRLNET
44	Excavation of the Foundation	N		NA 3/10/14	MRLNET
45	Excavation of the Foundation	S		NA 3/10/14	MRLNET
46	Excavation of the Foundation	S		NA 3/10/14	MRLNET
47	Excavation of the Foundation	S		NA 3/10/14	MRLNET
48	Excavation of the Foundation	W		NA 3/10/14	MRLNET
49	Excavation of the Foundation	NW		NA 3/10/14	MRLNET
50	Excavation of the Foundation	NW		NA 3/10/14	MRLNET
51	Excavation of the Foundation	NW		NA 3/10/14	MRLNET

Appendix 5: OASIS Summary Sheet

OASIS DATA COLLECTION FORM: England

[List of Projects](#) | [Manage Projects](#) | [Search Projects](#) | [New project](#) | [Change your details](#) | [HER coverage](#) | [Change country](#) | [Log out](#)

Broomlands, Moortown Road, Nettleton, Lincolnshire - Neville Hall MIFA

OASIS ID - nevilleh1-333086

Versions

View	Version	Completed by	Email	Date
View 1	1	Neville Hall	nhallarchaeologicalservices@gmail.com	8 November 2018

Completed sections in current version

Details	Location	Creators	Archive	Publications
Yes	Yes	Yes	Yes	1/1

Validated sections in current version

Details	Location	Creators	Archive	Publications
No	No	No	No	0/1

File submission and form progress

Grey literature report submitted?	Yes	Grey literature report filename/s	Sent by other means
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Appendix 6: Specification for Archaeological Monitoring

**Specification for Archaeological Monitoring
at Broomlands, Moortown Road,
Nettleton, Lincolnshire.**

Prepared for Ms Kate Parker

National Grid Reference: TF 9995 0949

Site Code: MRNE18

Accession No: LCNCC: 2018.73

Planning Reference: 137157

**Prepared by Neville Hall, Freelance Field Archaeologist &
Consultant**

April 2018

- S Non-technical summary
- S1 *A scheme of works comprising archaeological monitoring and recording is required during the groundworks pertaining to the construction of a new residential dwelling at Broomlands, Moortown Road, Nettleton, Lincolnshire.*
- S2 *It is perceived that this development site may lie within an area of possible prehistoric archaeological activity. Several various scatters of worked flints from the Early Neolithic period to the Late Bronze Age have been found in the vicinity of this development site. So it is considered probable that prehistoric archaeological activity and further such finds may be made on this development site. The specific objectives of this archaeological monitoring will be to identify and record any such prehistoric archaeological activity and finds.*
- S3 *The archaeological monitoring will be undertaken during the groundworks stage of development, which will comprise the excavation of the foundations and services for the new residential dwelling. Any archaeological features, structures and/or deposits will be recorded in writing, graphically and photographically.*
- S4 *On the completion of the monitoring, a report will be produced detailing the results of the archaeological investigation. The report will consist of a narrative supported by illustrations and photographs.*

1. Site location and description [Figures 1 and 2]

- 1.1 The development site is situated on land well off and set back from the southern frontage of the Nettleton Road at National Grid Reference TF 9995 0949, and at a height of approximately 20mAOD. The development site is accessed via a farm trackway from this southern frontage. The development site is situated within the parish of Nettleton, and in the administrative district of West Lindsey, county of Lincolnshire.
- 1.2 The development site is situated within an undulating upland area of the Lincolnshire Wolds. The area of the development site is situated on deep stoneless sandy and coarse loamy soils of the Blackwood Series. These deposits in turn overlie Amphill and Kimmeridge Clays of the Upper Jurassic.

2. Planning background

- 2.1 This document comprises a Specification or a written scheme of works for archaeological monitoring and recording, which is to be maintained during the groundworks pertaining to the construction of a new residential dwelling at Broomlands, Moortown Road, Nettleton, Lincolnshire, (Planning Reference: 137157) [Figure 3].

3. Historical and Archaeological Background

- 3.1 Background research sources were consulted at the Lincolnshire Archives, the Lincolnshire County Council Historic Environment Record (HER) and the Lincoln Local Studies Library. A search of the Lincolnshire HER was conducted within a 1km radius of the development site. The National Heritage List of Historic England was also consulted.
- 3.2 A scatter of prehistoric flints of Early Neolithic to late Bronze Age date has been found at Brackenfield (HER 50206).
- 3.3 A further scatter of prehistoric flints of Early Neolithic to late Bronze Age date has been found to the north of Moortown Road (HER 50214).

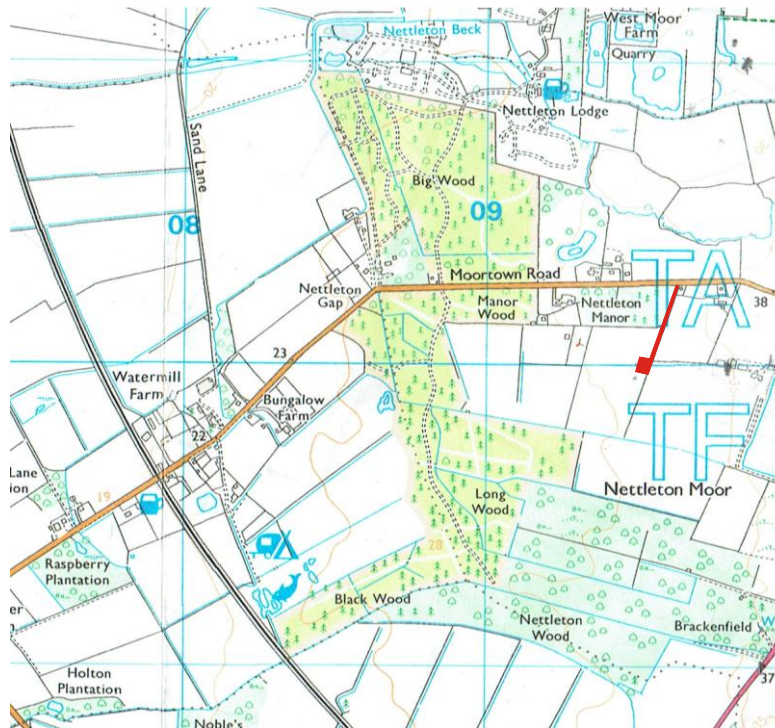


Figure 1: Site location at scale 1:25,000. (O.S. copyright licence number 100048723)

- 3.4 Bronze Age worked flints were ploughed up in 1943-4 to the south of the Moortown Road (HER 50218).
- 3.5 The deserted medieval hamlet of Drayton lies to the north of the Moortown Road (HER 50196). This was one of four medieval settlements in the parish of Nettleton. It was first documented in AD1212 and is mentioned again in early 14th century documentation. It is located within a group of old enclosures to the north and west of the Nettleton medieval settlement with the field name Drakers Close and slight earthworks visible on aerial photographs.
- 3.6 Two possible medieval earthwork boundaries are situated to the north of the Moortown Road (HER 51580).
- 3.7 A slight, but extensive area of post-medieval earthworks occur around Manor Farm and especially to the east (HER 51572). These coincide with an area of old enclosures on the Nettleton Enclosure Award map.
- 3.8 Manor Farm at Nettleton is an extant 19th century farmstead (HER 57032). This was arranged around a regular courtyard with linked working buildings on all four sides of the yard. The farmhouse was detached from the main working complex. The farmhouse is the only surviving historical structure. The farmstead was in an isolated location.
- 3.9 An area of woodland known as Big Wood has been designated as an 'area of Ancient woodland (HER 50660).
- 3.10 The cropmarks of undated enclosures and a linear feature are situated to the east of Nettleton Lodge (HER 51579). These have been plotted from aerial photographic sources.

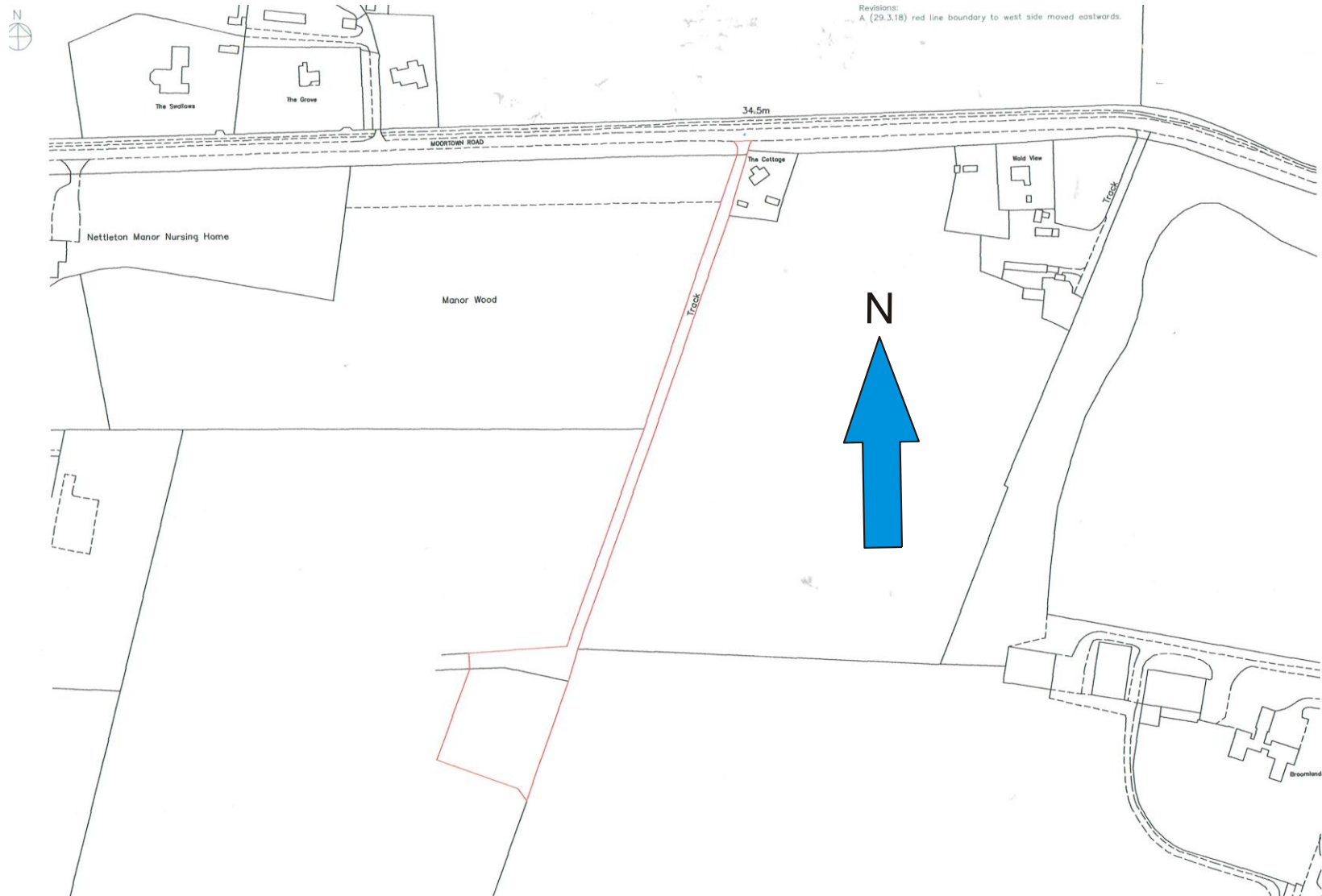


Figure 2: Site location at an original scale of 1:1,250 at A3, (extract from Architects plan)

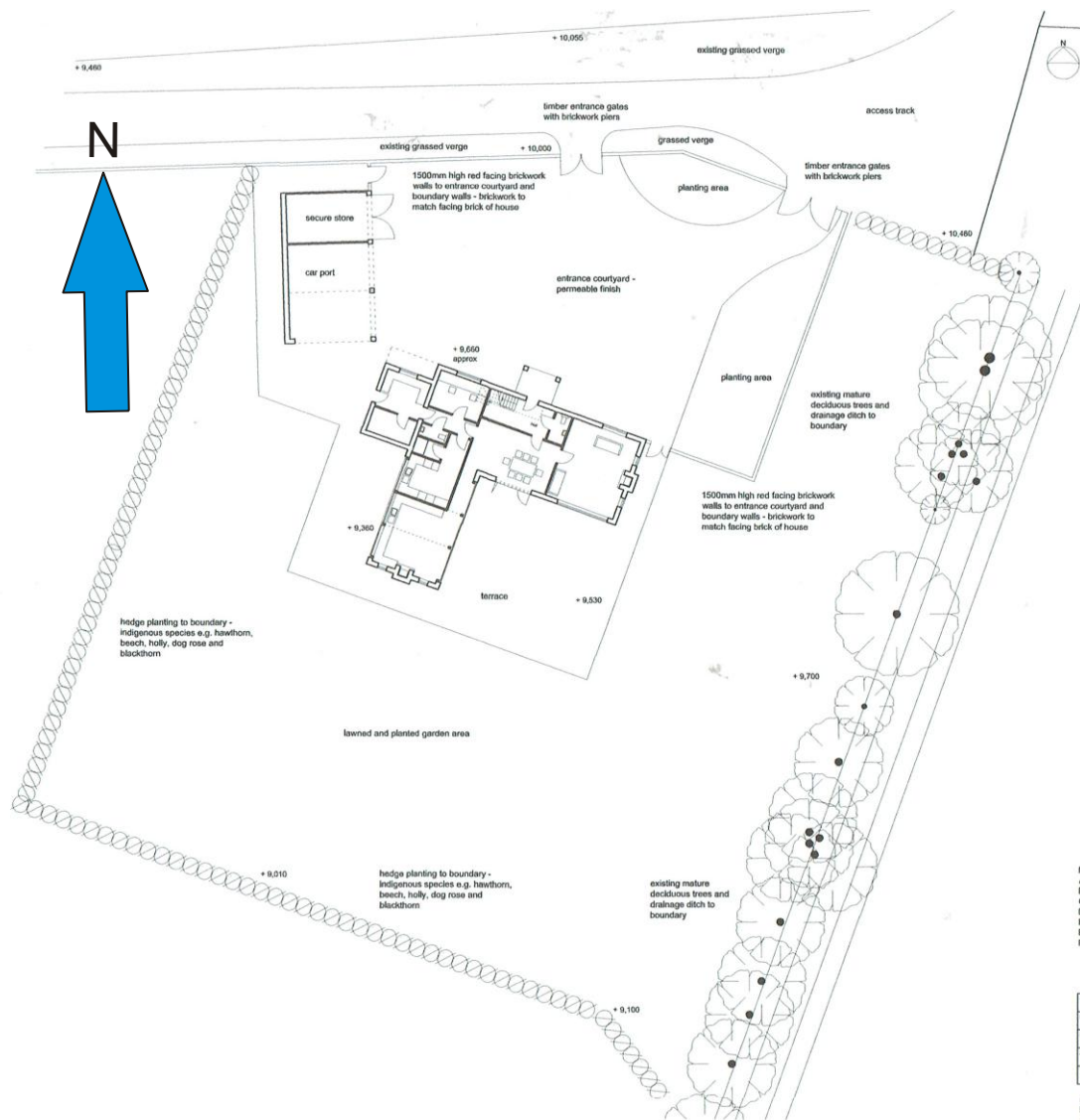


Figure 3: Block plan showing the proposed layout of the development site at an original scale of 1:200 at A3, (extract from Architects plan)

- 3.11 Copies of published early edition O.S maps were obtained from the Lincolnshire Archives and from the local studies collections of the Lincoln Central Library. An extract from the First Edition 25 inch to one mile scale O.S map of 1887 shows the area around the development site as a series of enclosures to the south of the Moortown Road.
- 3.12 This same layout to the area of the development site is repeated on the subsequent Second Edition 25 inch to one mile scale O.S map of 1906, on the Provisional Edition six inch to one mile scale O.S. map of 1950 and on the 1:10,560 scale O.S. map of 1956.
- 3.13 An extract from the 1:2,500 scale O.S. map of 1971 shows that by this time, a field boundary had been removed to the south to create a larger enclosure here. An extract from the 1:10,000 scale O.S. map of 1984, features the trackway that leads onto the development site and which extends southwards from the Moortown Road.
- 3.14 **Figures 1 and 2** show the existing layout of the development site.

4. Aims and objectives of the project

4.1 The aims of the project are the **continual** archaeological monitoring of all site groundworks during the construction stage of development, which will comprise the mechanical excavation of the foundations and services for the new residential dwelling.

4.2 The objectives of the project are:

To establish the presence/absence of archaeological remains within the area of the development site.

To determine the extent, condition, nature, character, quality and date of any archaeological remains encountered.

To allow the preservation by record of archaeological deposits.

4.3 It is perceived that this development site may lie within an area of possible prehistoric archaeological activity. Several various scatters of worked flints from the Early Neolithic period to the Late Bronze Age have been found in the vicinity of this development site. So it is considered probable that prehistoric archaeological activity and further such finds may be made on this development site. The specific objectives of this archaeological monitoring will be to identify and record any such prehistoric archaeological activity and finds.

5. Methodology

5.1 The archaeological monitoring will be undertaken during the groundworks phase of development, and will include the **continual monitoring** of the mechanical excavation of the foundations and services for the new residential dwelling, and of any other ground disturbance. The mechanical excavations will be undertaken using a toothless bucket.

5.2 All work will be carried out according to the Chartered Institute of Field Archaeologists (CHIFA) standards.

5.3 All work will be undertaken following all statutory Health and Safety requirements and legislation in operation at the time of the monitoring.

5.4 A Risk Assessment will be prepared for the site.

5.5 All mechanical excavations will be undertaken under archaeological supervision, utilising a machine of sufficient power and using a toothless bucket.

5.6 Stripped areas and trench sections will be continually observed to identify any archaeological features and/or deposits which may be exposed.

5.7 Section drawings at a scale of 1:10 will be made of any archaeological features identified in the course of the groundworks, including representative sections of trenches at appropriate intervals. These will be related to a site plan drawing at a scale of 1:50, which may also record archaeological features and/or deposits identified. Any significant archaeological features in plan will also be recorded at a scale of 1:20.

5.8 *Written descriptions detailing the nature of archaeological features and/or deposits encountered will be compiled on pro-forma context record sheets.*

5.9 Any finds recovered will be bagged and labelled for further analysis. All relevant finds will be ordered into an archive. Most modern material will not be retained, although notes will

be made of the appropriate context. An appropriate sample of materials such as ceramic building materials will be made.

- 5.10 Any and all artefacts found during the monitoring and thought to come under the provisions of the *Treasure Act* (1996), will be removed from the site to a secure location, and will be promptly reported to the appropriate local coroner's office and to Lincolnshire Portable Antiquities Scheme.
- 5.11 Throughout the monitoring a digital photographic record will be compiled, and will comprise an overview of the site prior to work starting, and during as well as after completion of the work, and will include any excavated features, sections and other relevant details that aid interpretation.
- 5.12 Should human remains be encountered, they will be left *in situ*, and only excavated if absolutely necessary. Proper respect will be accorded to these remains, which will be cleaned to allow positive identification. Should removal be required, the appropriate Ministry of Justice Licence will be obtained prior to the removal of the remains. In addition, any remains will be reported to the local Environmental Health Department, coroner and the police will be informed, where appropriate.
- 5.13 The fieldwork will be undertaken by Neville Hall. Additional personnel may be appointed if required.

6. Post-fieldwork methodology

- 6.1 On the completion of the fieldwork, all of the written, drawn and photographic records produced by the archaeological monitoring will be checked, ordered, labelled (where appropriate) and catalogued to compile a distinctive site archive.
- 6.2 All finds recovered during the fieldwork will be washed, marked and packaged according to the deposit from which there were recovered. They will also be ordered into (and form part of) the site archive.
- 6.3 An assessment of significant finds will be made in light of general site information.
- 6.4 Any finds requiring specialist treatment and/or conservation will be sent to the Conservation Laboratory at The Collection, Lincoln, and in consultation with the relevant curator.
- 6.5 The site archive will be examined to enable the determination of various phases of activity on the site.
- 6.6 Relevant finds will be sent to specialists for identification and dating.

7. Monitoring arrangements

- 7.1 Provision will be made for the Lincolnshire County Council Historic Environment Team (on behalf of West Lindsey District Council, the Local Planning Authority) to monitor the works during the fieldwork stage and any other aspect of the archaeological project as required including the post fieldwork analysis and report preparation stages of the project.
- 7.2 It is understood that the groundworks programme and hence the archaeological monitoring will begin as soon as possible following the agreement of this document with the Lincolnshire County Council Historic Environment Team. A period of not less than fourteen days notice will be given to the Lincolnshire County Council Historic Environment Team of the start date of this groundworks programme.

- 7.3 All aspects of the archaeological programme will be undertaken in accordance with this project specification.
- 7.4 Any variation to the project programme in terms of works or recording on or off site will be fully discussed and agreed with the Lincolnshire County Council Historic Environment Team.
- 7.5 Arrangements will be made for the representative of the Lincolnshire County Council Historic Environment Team for access to the site to undertake monitoring visits, and such visits will be accounted for in the final report preparation.
- 7.6 The Lincolnshire County Council Historic Environment Team shall be kept fully informed of any unexpected or unforeseen discoveries made during the course of the archaeological monitoring and recording programme.

8. Archive preparation and deposition

- 8.1 The documentation and records generated by the archaeological monitoring will be sorted and ordered in the format acceptable to The Collection, Lincoln, and to the standards and requirements as laid out in their Guide Book.
- 8.2 A unique accession number will be obtained from The Collection for the site archive.
- 8.3 It is anticipated that the archive will be deposited at The Collection, Lincoln by December 2018.

9. Reporting procedures

- 9.1 A report detailing the findings of the archaeological monitoring will be completed within three months after the finalisation of the fieldwork. Any delays will be related to the relevant authorities.
- 9.2 The report will consist of:
- A title page, with project name and location, national grid reference, planning reference, site code, accession number, client name, author and date;
 - A contents page listing report sections, illustrations and appendices;
 - A non-technical summary of the results of the monitoring;
 - An introduction, site description and location;
 - Planning background to the project;
 - A section on the archaeological and historical background to the project;
 - A description of the methodology used in the project;
 - A section describing the results of the monitoring;
 - A section on the discussion and results of the project including a consideration of the findings of the project in a local and regional context;
 - A consideration of the effectiveness of the project methodology and a confidence rating of the results;

Illustrations including plans showing monitored areas, all archaeological features and sections thereof (including trench sections); and

Appendices comprising appropriate photographs of the site and of specific and significant archaeological features and representative sections and a list of contexts, and any specialist reports on finds from the site.

An electronic copy of the report will be deposited with the OASIS project (On-line Access to the Index of Archaeological Investigations) <http://ads.ahds.ac.uk/project/oasis/index.cfm>.

10. Publication and dissemination

- 10.1 Copies of the final report will be deposited with the clients, the local curator (on behalf of the local planning authority), West Lindsey District Council and with the Lincolnshire Heritage Environment Record (including a digital copy in a .pdf format).
- 10.2 A note will be placed in 'Lincolnshire History and Archaeology' describing the results.
- 10.3 The deposition of the site archive will be in accordance with guidelines outlined in the Lincolnshire Archaeological Handbook (LCC, 2018).
- 10.4 Should the results of the archaeological investigation merit it, a note will also be placed in appropriate national journals e.g. *Medieval Archaeology*.

11. Other factors (including contingency)

- 11.1 In the event of the discovery of any unexpected remains of archaeological importance, or of any changed circumstances, it is the responsibility of the archaeological contractor to inform the Lincolnshire County Council Historic Environment Team.
- 11.2 Where important archaeological remains are discovered and deemed to merit further investigation, additional financial resources may be required to provide an appropriate level of investigation, recording and analysis.
- 11.3 Any additional financial contingency requirement for additional fieldwork or post-excavation analysis outside the scope of the proposed scheme of works will only be activated following full consultation with the Lincolnshire County Council Historic Environment Team and the client.

12. Variations to the proposed scheme

- 12.1 Variations to the proposed scheme will only be made following written confirmation with the archaeological curator.

13. Resources

- 13.1 The monitoring will be undertaken by Neville Hall using standard archaeological field techniques.
- 13.2 Should additional personnel be required, prior approval of the personnel will be sought from the local planning authority archaeologist prior to appointment.
- 13.3 Post-excavation analysis will be undertaken by Neville Hall and where available specialist analysis from:-

Jane Young

Medieval and Post-medieval Ceramics

Ian Rowlandson	Iron Age and Roman Ceramics
Archaeological Solutions Ltd	Environmental
Carol Allen	Neolithic and Bronze Age
Malin Holst	Osteoarchaeology

- 13.4 Small finds requiring conservation will be conserved by the City and County Museum Laboratory.
- 13.5 Recognised specialists will be sought in the event that other data are retrieved in the course of the monitoring.

14. Insurance statement

- 14.1 Public indemnity of £2,000,000 and private indemnity insurance of £250,000 with Towergate Insurance.

15. Copyright

- 15.1 Copyright will remain that of the author. Licence will be given to the client to present any reports, copyright of the author, to the planning authority in good faith of satisfactory settlement of account.

16. Ownership

- 16.1 It will be asked of the client, at the outset, that the ownership of any portable objects discovered in the course of the monitoring be donated along with the archive.