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ARCHAEOLOGICAL MONITORING & RECORDING ON LAND
TO THE SOUTH OF TILLBRIDGE LANE,
STURTON BY STOW, LINCOLNSHIRE.

National Grid Reference: SK 8925 8021
Site Code: TRSS21
Accession No: LCNCC: 2021.131
Planning Reference: 136428

PREPARED FOR MS. EILEEN SUN OF PANSON HOMES

By

Neville Hall

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List of Contents:

- Summary
- 1. Introduction
- 2. Site Location and Description
- 3. Planning Background
- 4. Aims and Objectives of the Archaeological Monitoring
- 5. Archaeological and Historical Background
- 6. Methodology
- 7. Results
 - 7.1 Plot 2
 - 7.2 Plot 3
 - 7.3 The Detached Garage to Plot 3
 - 7.4 The Detached Garage to Plot 2
 - 7.5 Plot 1
 - 7.6 Plots 4-6
 - 7.7 The Service Works by Tillbridge Lane
- 8. Discussion and Conclusions
- 9. Effectiveness of Methodology and Confidence Rating
- 10. Acknowledgements
- 11. Bibliography

List of Figures:

- Figure 1:** Site location at scale 1:25,000.
- Figure 2:** Site location at an original scale of 1:1,250, (extract from Architects plan).
- Figure 3:** Plan showing the former layout of the development site at an original scale of 1:250, (extract from Architects plan).
- Figure 4:** Plan showing the proposed layout of the development site at an original scale of 1:250, (extract from Architects plan).
- Figure 5:** Plan showing the Monitored Groundworks of Plot 2 at a scale of 1:100 and **Representative Sections 1-4** at a scale of 1:20.
- Figure 6:** Plan showing the Monitored Groundworks of Plot 3 at a scale of 1:100 and **Representative Sections 5-7** at a scale of 1:20.
- Figure 7:** Plan showing the Monitored Groundworks of the Detached Garages to Plots 2 and 3 at a scale of 1:100 and **Representative Sections 8-9** at a scale of 1:20.

Figure 8: Plan showing the Monitored Groundworks of Plot 1 at a scale of 1:100 and **Representative Sections 10-13** at a scale of 1:20.

Figure 9: Plan of the Monitored Services By Tillbridge Lane at a scale of 1:100 and **Sections 14-19** at a scale of 1:20.

Appendices:

Appendix 1: Plates

Appendix 2: List of Contexts

Appendix 3: The Archive

Appendix 4: Photographic Register

Appendix 5: OASIS Summary Sheet

Appendix 6: Specification for Archaeological Monitoring

Summary

The archaeological monitoring and recording of the groundworks pertaining to the construction of six new residential dwellings on land to the south of Tillbridge Road, Sturton by Stow, Lincolnshire, was carried out by Neville Hall on the 20th, 22nd and the 25th of October 2021 and on the 30th-31st of May 2022.

The monitored groundworks for this development, which consisted of the mechanical excavation of the foundations for Plots 1-3 along with the detached garages for Plots 2 and 3 and service trenching by the Tillbridge Lane frontage, were the subject of continual archaeological monitoring and recording.

The archaeological monitoring of the excavation of the foundations for Plots 1-3 along with the detached garages for Plots 2 and 3 produced negative results with no archaeological activity being encountered here and no finds.

The archaeological monitoring of service trenching by the Tillbridge Lane frontage was an attempt to locate both a roadside ditch on its southern flanking side to the Roman road that is postulated to extend along the line of the present Tillbridge Lane and/or any associated contemporary roadside settlement activity. Opportunities were provided to inspect the make-up of the current Tillbridge Lane via an open manhole road excavation. No evidence for the postulated line of the Roman road here was identified. Similarly, the archaeological monitoring of a section of service trenching to the south of Tillbridge Lane did not identify any southern flanking Roman roadside ditch or any contemporary settlement activity. The archaeological monitoring here identified several phases of modern road surfaces above natural subsoils along with a modern roadside southern flanking ditch, which produced a moderate assemblage of modern 20th century finds.

1. Introduction

- 1.1 Neville Hall was commissioned by Ms. Eileen Sun of Panson Homes to undertake the archaeological monitoring and recording of the groundworks pertaining to the construction of six new residential dwellings on land to the south of Tillbridge Lane, Sturton by Stow, Lincolnshire, centred at National Grid Reference SK 8925 8021. The archaeological monitoring was carried out at the development site on the 20th, 22nd and the 25th of October 2021 and on the 30th-31st of May 2022.
- 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 Mr Ian Marshman 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 clients, 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 to the south of the Tillbridge Road at National Grid Reference SK 8925 8021 and at a height of approximately 3mAOD. The village of Sturton by Stow is located within the modern civil parish of the same name, administrative district of West Lindsey, county of Lincolnshire [Figures 1-3].
- 2.2 The development site is situated to the east of the west facing slope of a river terrace which in turn overlooks the valley of the River Trent further to the west. The development site is located on fine loamy and clayey soils of the Wickham 2 Series. These in turn overlie Lower Lias mudstones of the Lower Jurassic [BGS, 1973; Soil Survey, 1983].

3. Planning Background

- 3.1 An application for outline planning permission (Planning Reference: 136428) for the proposed construction of six new residential dwellings on land to the south of Tillbridge Lane, Sturton by Stow, Lincolnshire has been submitted to and granted consent by West Lindsey District Council, the Local Planning Authority [Figure 4]. However, as the proposed development site was situated within a perceived archaeologically sensitive area, various archaeological conditions (Nos. 8-9 and 12) were attached to this outline planning consent.
- 3.2 Following consultations between the author and Mr. Ian Marshman of the Lincolnshire County Council Historic Environment Team, it was agreed that the requirement for the archaeological programme of works on this site would comprise the archaeological monitoring and recording of the groundworks during the construction stage of development at the site.
- 3.3 A specification or a written scheme of works for the archaeological monitoring and recording was subsequently submitted to and approved by Mr. Ian Marshman of the

Lincolnshire County Council Historic Environment Team on behalf of the Local Planning Authority as required by Condition 8 of this outline planning consent.



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

- 3.4 Notification was given of the start date of the site groundworks programme to Mr. Ian Marshman of the Lincolnshire County Council Historic Environment Team prior to the commencement of the on-site archaeological works as required by Condition 9 of this outline planning consent.
- 3.5 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.
- 3.5 This report documents the results of this programme of site archaeological monitoring and recording and will be submitted to Mr Ian Marshman of the Lincolnshire County Council Historic Environment Team and to the Local Planning Authority.

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, services and access for the six new residential dwellings.
- 4.2 The objectives of the project were:
- To establish the presence/absence of archaeological remains within the area of the development site.

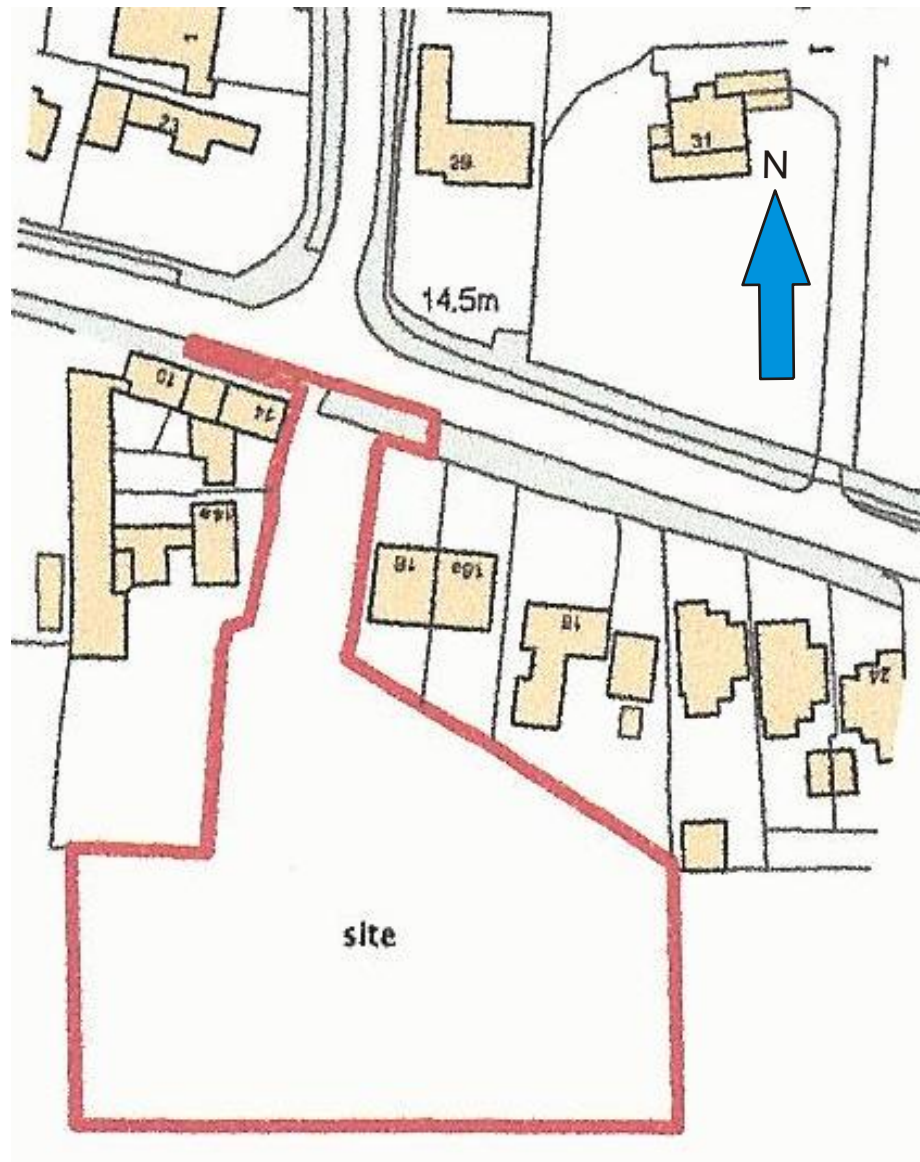


Figure 2: Site location at an original scale of 1:1,250, (extract from Architects plan)

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 The development site is situated within an area of high archaeological potential. The development site lies within the area of the medieval settlement of Sturton as adjudged by the earthwork cultivation remains of ridge and furrow to the immediate east. The development site also lies to the south of the Roman road of Tillbridge Lane, so it was considered possible that associated contemporary roadside settlement activity would be encountered here. The specific objectives of the project were to record any archaeological features, structures, deposits or finds associated with this potential Roman roadside and medieval settlement activity.



Figure 3: Plan showing the former layout of the development site at an original scale of 1:250, (extract from Architects plan)

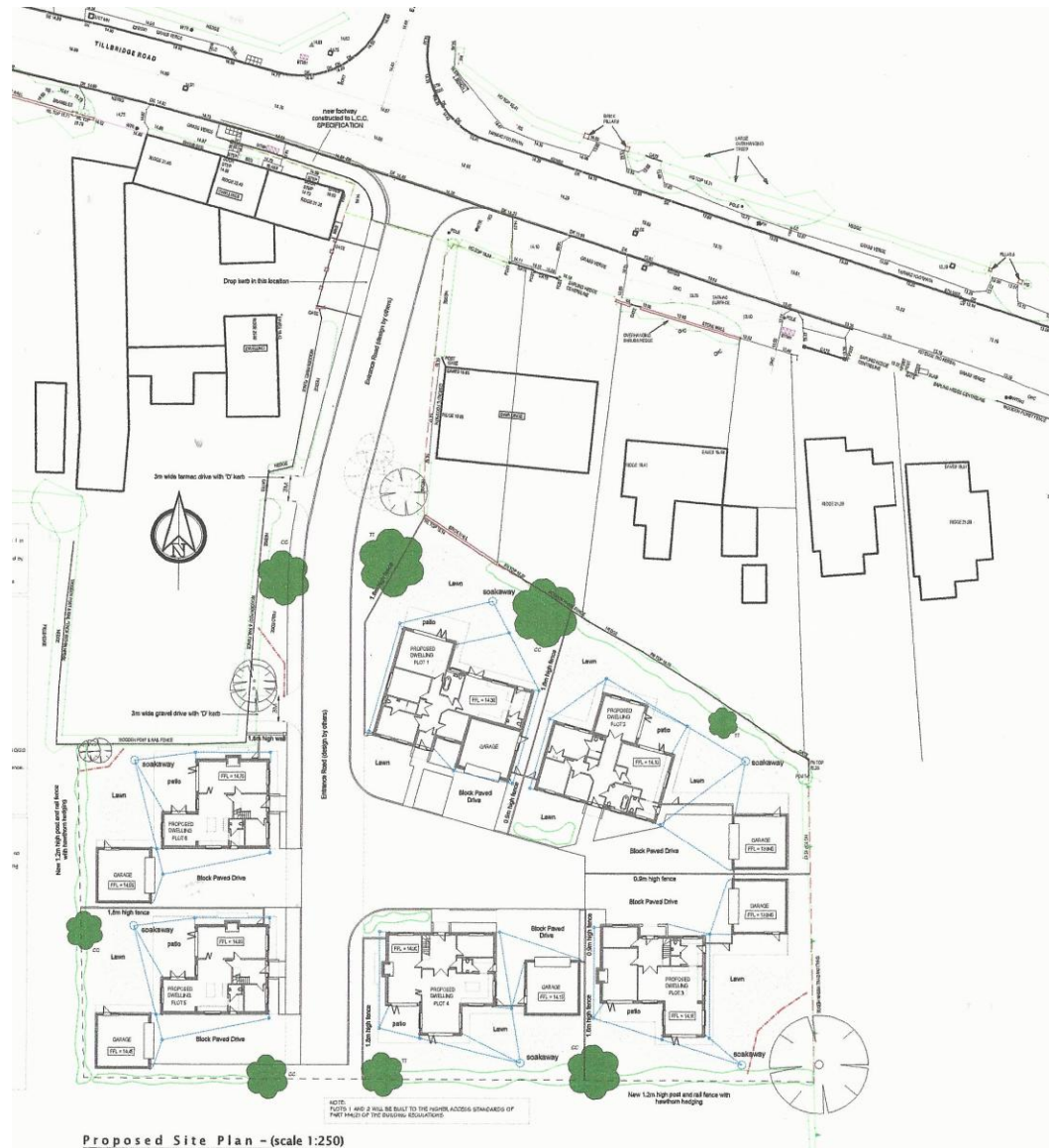


Figure 4: Plan showing the proposed layout of the development site at an original scale of 1:250, (extract from Architects plan)

5. Archaeological and Historical Background

- 5.1 Background research sources were consulted at the online National Library of Scotland and the Lincolnshire County Council Historic Environment Record (HER). A search of the Lincolnshire HER was conducted within a 0.25km radius of the centre of the development site. The National Heritage List of Historic England (NHL) was also consulted.
- 5.2 A polished stone axe of Neolithic date was found in a garden at Sturton by Stow in about 1968 (HER 52502).
- 5.3 The assessment site is located to the south of Tillbridge Road, a Roman road which links Ermine Street to the north of Lincoln at a point near North Carlton to a crossing of the River Trent at Marton, and thence over the river to the Roman settlement at Littleborough (*Segelocvm*). The road dates from the late 1st century AD (HER MLI50575).
- 5.4 At the time of the Domesday Survey of AD1086, the manor of Sturton or *Stratone* was held by the Bishop of Bayeux. This is the earliest documentary reference to the settlement of Sturton, which clearly has late Anglo-Saxon origins from place name evidence. The place name itself is derived from the Old English *straet* and the Old English *tun*, hence 'the village/farmstead near or on the Roman road'. This refers to Tillbridge Lane, the aforementioned Roman road from Ermine Street to the Trent crossing at Littleborough. At the Lindsey Survey of c.AD1115, one Hugh de Vallo held eight carucates of land in *Stretluna*. Later medieval documentary sources variously refer to this settlement as *Srettona* (AD1155-70); *Stretona* (AD1150-60); *Straton* (AD1191) and as *Stralton* (AD1202) [Morris, 1986; Cameron, 1998; Mills, 1991; Ekwall, 1991; Foster & Longley, 1976].
- 5.5 Documentary sources relating to the medieval settlement of Sturton are patchy at best because although Sturton and Stow are separate civil parishes, they are both part of the same ecclesiastical parish, being served by the church of St Mary at Stow (HER 52504). The medieval settlement of Sturton shows no serious evidence of any decline in terms of size and population. The settlement plan did not focus along the line of the Roman Road, which bisects the village, but in a side street on the northern side and at right angles to the Roman road (the High Street). Properties fronted on both the eastern and western sides of this side road.
- 5.6 To the south of the Marton Road are the earthwork cultivation remains of medieval ridge and furrow (HER 52505), which have been identified from aerial photographic sources.
- 5.7 Further earthworks of medieval ridge and furrow are situated to the south-west of Sturton by Stow and have been plotted from aerial photographic sources (HER MLI125606). In 2019, an earthwork survey was conducted on land to the rear of 22A, Saxilby Road (HER MLI125606, ELI13333, Site code: SRSS19). The prominent earthwork remains of north-south aligned ridge and furrow were recorded.
- 5.8 Gilbert's Barn at Sturton by Stow is a partially extant 19th century farmstead (HER MLI118768). This was arranged around a regular courtyard in a 'U'-plan. There has been a partial loss of traditional buildings. The farmstead was within a village location.
- 5.9 The former Wesleyan Methodist Chapel on Tillbridge Lane was built in 1805 (HER 87254). It was converted into a private residential dwelling in 2000.
- 5.10 The Old Schoolroom on Tillbridge Lane was opened in 1840 and was converted to a Sunday School in 1878 (HER MLI125608). It is now in use as a parish meeting room.

- 5.11 There have been other previous archaeological investigations within the vicinity of this development site. The former Red Lion public house was located at 1, Marton Road (HER MLI25829). It was demolished in 2018. Prior to this an historic building survey of the public house was carried out. The public house had been in use from the late 18th/early 19th centuries. The south range of the building appears to have been of much earlier origin with a timber frame. The front of the building was also found to have been originally timber framed, though much altered in the 19th and 20th centuries (HER MLI25829, ELI13500, Site code: SBSB19).
- 5.12 The earthwork cultivation remains of medieval ridge and furrow occur to the south-east of Sturton by Stow and to the immediate east of this development site, which were recorded in 2012 (HER MLI52505, ELI11256). The remains comprised two adjacent sections of medieval ridge and furrow earthworks, with the furrows in the northern section on a broadly north-south alignment and along an east-west orientation in the southern section. A headland was also recorded between the two sections.
- 5.13 An archaeological watching brief was undertaken in 2015 on the groundworks for a new residential development on land adjacent to Obam Stairlifts, Tillbridge Road (HER MLI52504, ELI13142, Site code: STRM14) to the immediate east of this development site. No significant archaeological features or finds were made, although the remains of previously identified and well defined ridge and furrow earthworks were noted across the site.
- 5.14 Copies of early edition and published Ordnance Survey maps were obtained from the Lincolnshire Archives and from the Lincoln Local Studies Library. The earliest map consulted comprised an extract from the First Edition 25 inch to one mile scale O.S. map of 1886. This map shows this development site as occupying the northern portion of a larger enclosure that is set back from and situated to the south of the Tillbridge Lane. The existing site access is situated within the area of a farmstead, that is located on the southern frontage of Tillbridge Lane.
- 5.15 This same layout to the area of this development site is repeated on the subsequent Second Edition 25 inch to one mile scale O.S. map of 1906, on the 1:10,560 scale O.S. map of 1956 and on the 1:2,500 scale O.S. map of 1976.
- 5.16 **Figures 2 and 3** show the current 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 20th, 22nd and the 25th of October 2021 and on the 30th-31st of May 2022. This initially comprised the continual archaeological monitoring and recording of the mechanical excavation of the foundations for Plots 1-3. These mechanical excavations were carried out by a 14-ton 360° mechanical excavator that was fitted with 0.50m wide and 0.80m wide toothless buckets. This was followed by a second stage of archaeological monitoring of the site groundworks, which comprised the mechanical excavation of a service trench that extended southwards from the Tillbridge Lane. These further excavations were carried out by a 3-ton 360° mechanical excavator that was fitted with a 0.60m wide toothless bucket.
- 6.2 Where necessary, surfaces were hand cleaned for examination and recording and the site deposit sequences observed were recorded on standard *pro-forma* context recording sheets. A plan at a scale of 1:100 was compiled on site of the monitored foundation trench excavations for Plot 2. This plan is reproduced at this same scale as **Figure 5**. A second plan was compiled on site of the monitored foundation trench excavations for Plot

3. This plan is reproduced at this same scale as **Figure 6**. A third plan was compiled on site of the monitored foundation trench excavations for the detached garages to Plots 2 and 3. This is also reproduced at this same scale as **Figure 7**. A fourth plan at a scale of 1:100 was compiled on site of the monitored foundation trench excavations for Plot 1. This is also reproduced at this same scale as **Figure 8**. A further plan at a scale of 1:100 was also compiled on site of the monitored services by Tillbridge Lane. This is also reproduced at this same scale as **Figure 9**. A total of nineteen sections of the observed site deposit sequences here [designated as **Sections 1-19**] were also compiled on site at a scale of 1:20. and are similarly reproduced at this same scale on **Figures 5-9**. A complimentary digital colour photographic record was also maintained, which is reproduced in **Appendix 1, Plates 1-169**. 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 [Figures 5-9; Appendix 1, Plates 1-165]

7.1 Plot 2

- 7.1.1 Plot 2 is situated within the northern portion of the development site. The foundations for Plot 2 had already been set out prior to arrival. The foundation trenches to Plot 2 were excavated under archaeological supervision to varying lengths, to widths of between 0.50m-0.70m and to depths of between 1.0m-1.30m below ground levels [**Plates 5-6, 8-11, 13-22, 24-32 and 34-37**].

- 7.2.2 These monitored mechanical excavations extended through a topsoil/ploughsoil horizon (**001**) and an into an underlying natural horizon (**002**), which was encountered at the base of these excavations. This deposit sequence was consistent over the whole monitored area of Plot 2 and was recorded within **Representative Sections 1-4 [Plates 7, 12, 23 and 33]**.

- 7.2.3 No archaeological activity was detected within the monitored area of Plot 2 and there were no finds.

7.2 Plot 3

- 7.2.1 Plot 3 is located within the southern portion of the development site. The foundations for Plot 3 had already been set out prior to arrival [**Plate 38**]. The foundation trenches to Plot 3 were excavated under archaeological supervision to varying lengths, to widths of between 0.50m-0.70m and to depths of between 1.0m-1.10m below ground levels [**Plates 39, 41-47, 49-58 and 60-66**].

- 7.2.2 These monitored mechanical excavations extended through a topsoil/ploughsoil horizon (**001**) and an into an underlying natural horizon (**002**), which was encountered at the base of these excavations. This deposit sequence was consistent over the whole monitored area of Plot 3 and was recorded within **Representative Sections 5-7 [Plates 40, 48 and 59]**.

- 7.2.3 No archaeological activity was detected within the monitored area of Plot 3 and there were no finds.

7.3 The Detached Garage to Plot 3

- 7.3.1 The detached garage to Plot 3 is positioned to the immediate north-east of Plot 3. The foundations for this detached garage had already been set out prior to arrival [**Plate 67**]. The foundations for this detached garage were excavated under archaeological supervision to varying lengths, to a uniform width of 0.80m and to depths of between 0.85m-0.90m below ground levels [**Plates 68 and 70-76**].
- 7.3.2 These monitored mechanical excavations extended through a topsoil/ploughsoil horizon (**001**) and an into an underlying natural horizon (**002**), which was encountered at the base of these excavations. This deposit sequence was consistent over the whole monitored area of the detached garage to Plot 3 and was recorded within **Representative Section 8** [**Plate 69**].
- 7.3.3 No archaeological activity was detected within the monitored area of the detached garage to Plot 3 and there were no finds.

7.4 The Detached Garage to Plot 2

- 7.4.1 The detached garage to Plot 2 is situated to the immediate north of the detached garage to Plot 3 and to the east of Plot 2. The foundations for the detached garage to Plot 2 had already been set out prior to arrival. The foundations for this second garage were excavated under archaeological supervision to varying lengths, to a uniform width of 0.80m and to depths of between 0.90m-1.0m below ground levels [**Plates 77 and 79-85**].
- 7.4.2 These monitored mechanical excavations extended through a topsoil/ploughsoil horizon (**001**) and an into an underlying natural horizon (**002**), which was encountered at the base of these excavations. This deposit sequence was consistent over the whole monitored area of the detached garage to Plot 2 and was recorded within **Representative Section 9** [**Plate 78**].
- 7.4.3 No archaeological activity was detected within the monitored area of the detached garage to Plot 2 and there were no finds.

7.5 Plot 1

- 7.5.1 Plot 1 is situated to the west of Plot 2. The foundations for Plot 1 had already been set out prior to arrival [**Plates 86-87**]. The foundations for Plot 1 were excavated under archaeological supervision to varying lengths, to widths of between 0.50m-0.80m and to depths of between 0.90m-1.20m below ground levels [**Plates 89-93, 95-101, 103-114 and 116-120**].
- 7.5.2 These monitored mechanical excavations extended through a topsoil/ploughsoil horizon (**001**) and an into an underlying natural horizon (**002**), which was encountered at the base of these excavations. This deposit sequence was consistent over the whole monitored area of Plot 1 and was recorded within **Representative Sections 10-13** [**Plates 88, 94, 102 and 115**].
- 7.5.3 No archaeological activity was detected within the monitored area of Plot 1 and there were no finds.

7.6 Plots 4-6

- 7.6.1 As the archaeological monitoring of the mechanical excavation of the foundations for Plots 1-3 and for the detached garages to Plots 2 and 3 had produced negative results and as the result of consultation between the author and Mr. Ian Marshman of the

Lincolnshire County Council Historic Environment team (on behalf of the Local Planning Authority), it was agreed that the archaeological monitoring of the groundworks for Plots 4-6 would not be necessary.

7.7 The Service Works by Tillbridge Lane

- 7.7.1 A deep manhole road excavation in which a concrete chamber had been inserted into the Tillbridge Lane had been undertaken prior to arrival. An opportunity was provided to make an inspection of these groundworks. The manhole road excavation measured 2.0m in length by 1.50m in width and extended to visible depths of 0.90m-1.10m below the road surface, below which this excavation had been backfilled [**Plate 125**].
- 7.7.2 This inspection revealed the modern make-up of the existing Tillbridge Lane, which was recorded within **Sections 14 and 15 [Plates 121-124]**, (being two sides of this manhole road excavation). These sections revealed several layers of modern tarmac road surfaces above a modern layer of mortary gravel. This gravel in turn overlaid the underlying and undisturbed natural horizon (**002**), (which was encountered elsewhere on the development site). Any archaeological deposits or horizons which could be attributed to the postulated line of the Roman road here, appeared to be absent.
- 7.7.3 This was followed by the monitored mechanical excavation of the first section of a service trench, which extended southwards from the manhole road excavation to the modern roadside kerb. This excavation measured 1.40m in length, 0.65m in width and extended to a deep and substantial depth of 2.20m below the road surface [**Plates 128-139**]. This comprised a further attempt to establish whether any archaeological deposits associated with the postulated line of the Roman road here had survived, but which were again absent. Here also, there appeared to be a sequence of at least three modern tarmac road surfaces above the layer of modern mortary gravel. This gravel layer was at the base of the modern road construction and also appeared to be cut into the underlying and undisturbed natural horizon (**002**). The deposit sequence here was recorded within **Section 16 [Plate 127]**. The natural horizon (**002**) within this first section of excavated trench was found here to be both deep and substantial and lay above a second natural horizon (**003**), which was encountered at the base of this deep excavation. The total deposit sequence here was recorded within **Representative Section 17 [Plate 140]**.
- 7.7.4 Following the completion of the excavation of this first section of service trench, the modern concrete roadside kerb and concrete base were removed. This was followed by the excavation of a second section of service trench, which extended southwards from the roadside kerb. This further archaeological monitoring was an attempt to locate the possible location of a Roman roadside ditch that would have been associated with the postulated line of the Roman road here.
- 7.7.5 This second section of service trench was monitored for a length of approximately 8.50m to the south of the modern roadside kerb. This second section was excavated to widths of between 0.65m-1.20m and to depths of up to 2.40m below ground levels [**Plates 141-148 and 150-155**]. The deposit sequence to the north consisted of a modern imported topsoil horizon (**004**), (probably associated with the modern road construction), which overlaid the topsoil horizon (**001**) and above the underlying two natural horizons (**002**) and (**003**), the latter of which was recorded at the base of this deep and substantial excavation. The deposit sequence here was recorded within **Representative Section 18 [Plate 149]**. The line of this second section of service trench were traversed by the lines of a modern electric cable trench, by a modern ceramic water pipe and by a modern optic fibre cable trench.
- 7.7.6 To the south, the line of a modern roadside ditch was also observed and recorded [**Plates 148 and 150-155**]. The backfill of this ditch was found to be composed of modern

topsoils and included within its makeup a moderate density of fragments of modern slate roof tile, modern bottle glass fragments and sherds of modern 20th century pottery, which were noted, but which were not retained. This modern roadside ditch was cut into the natural horizon (002) and extended to a depth of 1.60m below ground levels [Plate 160].

- 7.7.7 To the south, the upper levels of the final section of the monitored service trench excavation were found to be much disturbed by a series of modern water pipes and their associated trench. These were cut into the underlying natural horizon (002) to a depth of 0.90m below ground levels and had been backfilled with a mix of redeposited topsoils and natural horizon material [Plates 156-159, 161-166 and 168-169]. This final section of monitored trench was excavated to widths of between 0.60m-1.20m and to depths of between 2.10m-2.20m below ground levels. The deposit sequence on the western side of this monitored trench excavation and outside of this modern disturbance consisted of the topsoil horizon (001) and the two underlying natural horizons (002) and (003). The deposit sequence here was recorded within the **Representative Section 19** [Plate 167].
- 7.7.8 Following the archaeological monitoring of the excavation of this service trench to a length of approximately 8.50m southwards from the modern roadside kerb, and in the absence of any archaeological activity, it was decided to terminate the monitoring. No evidence for a Roman roadside ditch was recorded within the monitored service trench, which appeared to be absent here.

8. Discussion and Conclusions

- 8.1 The monitored groundworks for this development, which consisted of the mechanical excavation of the foundations for Plots 1-3 along with the detached garages for Plots 2 and 3 and service trenching by the Tillbridge Lane frontage, were the subject of continual archaeological monitoring and recording.
- 8.2 The archaeological monitoring of the excavation of the foundations for Plots 1-3 along with the detached garages for Plots 2 and 3 produced negative results with no archaeological activity being encountered here and no finds.
- 8.3 The archaeological monitoring of service trenching by the Tillbridge Lane frontage was an attempt to locate both a roadside ditch on its southern flanking side to the Roman road that is postulated to extend along the line of the present Tillbridge Lane and/or any associated contemporary roadside settlement activity. Opportunities were provided to inspect the make-up of the current Tillbridge Lane via an open manhole road excavation. No evidence for the postulated line of the Roman road here was identified. Similarly, the archaeological monitoring of a section of service trenching to the south of Tillbridge Lane did not identify any southern flanking Roman roadside ditch or any contemporary settlement activity. The archaeological monitoring here identified several phases of modern road surfaces above natural subsoils along with a modern roadside southern flanking ditch, which produced a moderate assemblage of modern 20th century finds.

9. Effectiveness of Methodology and Confidence Rating

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

10. Acknowledgements

- 10.1 Thanks are gratefully extended to Ms. Eileen Sun of Panson Homes for commissioning this work. Thanks are also extended to Mr. Ian Marshman of the Lincolnshire County Council Historic Environment Team and to the staff of the Lincolnshire Heritage Environment for their kind assistance.

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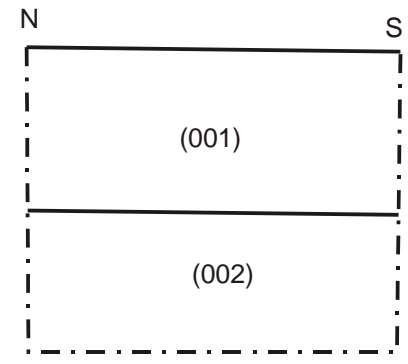
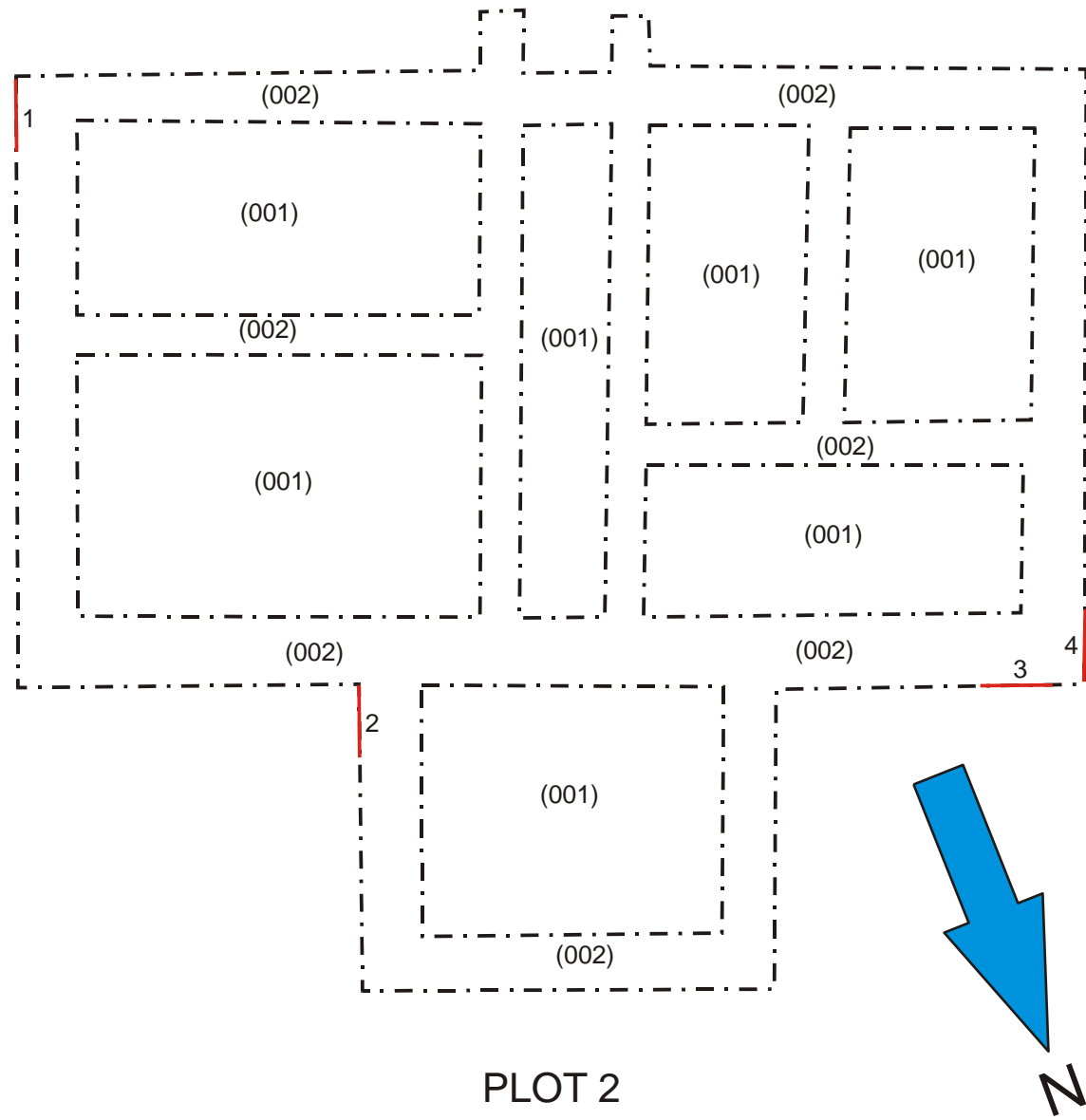
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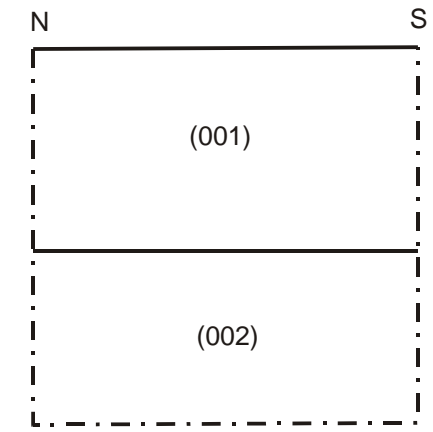
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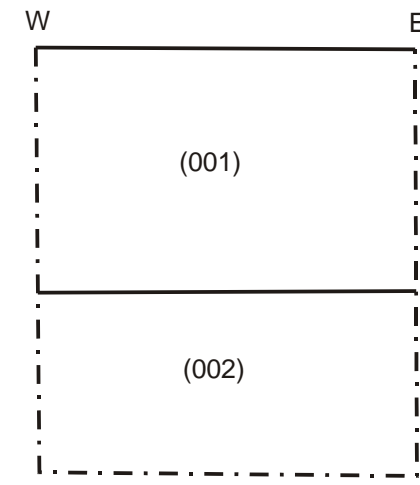
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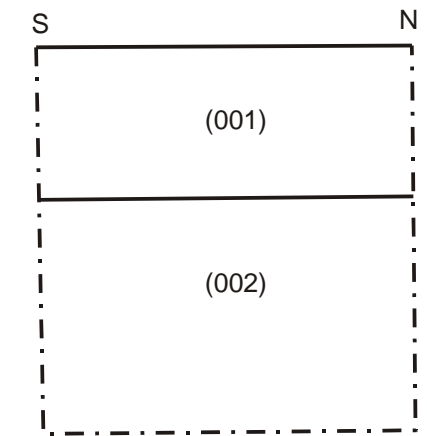
Representative Section 1, West Facing Section, scale 1:20



Representative Section 2, West Facing Section, scale 1:20



Representative Section 3, South Facing Section, scale 1:20



Representative Section 4, East Facing Section, scale 1:20

Figure 5: Plan showing the Monitored Groundworks of Plot 2 at a scale of 1:100 and Representative Sections 1-4 at a scale of 1:10.

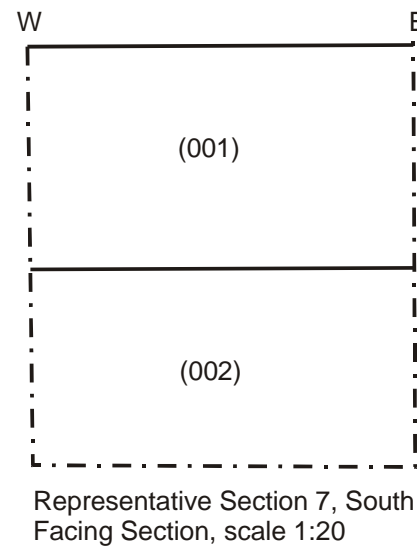
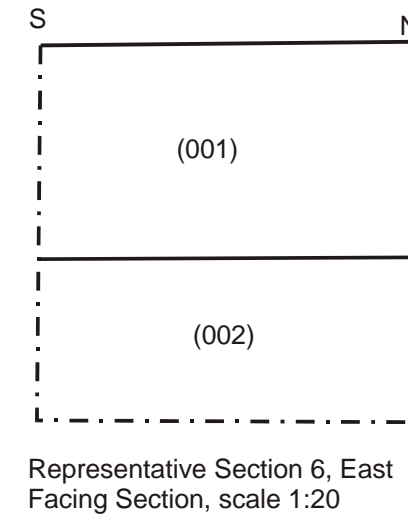
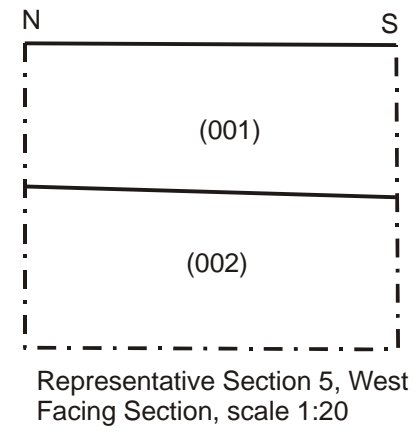
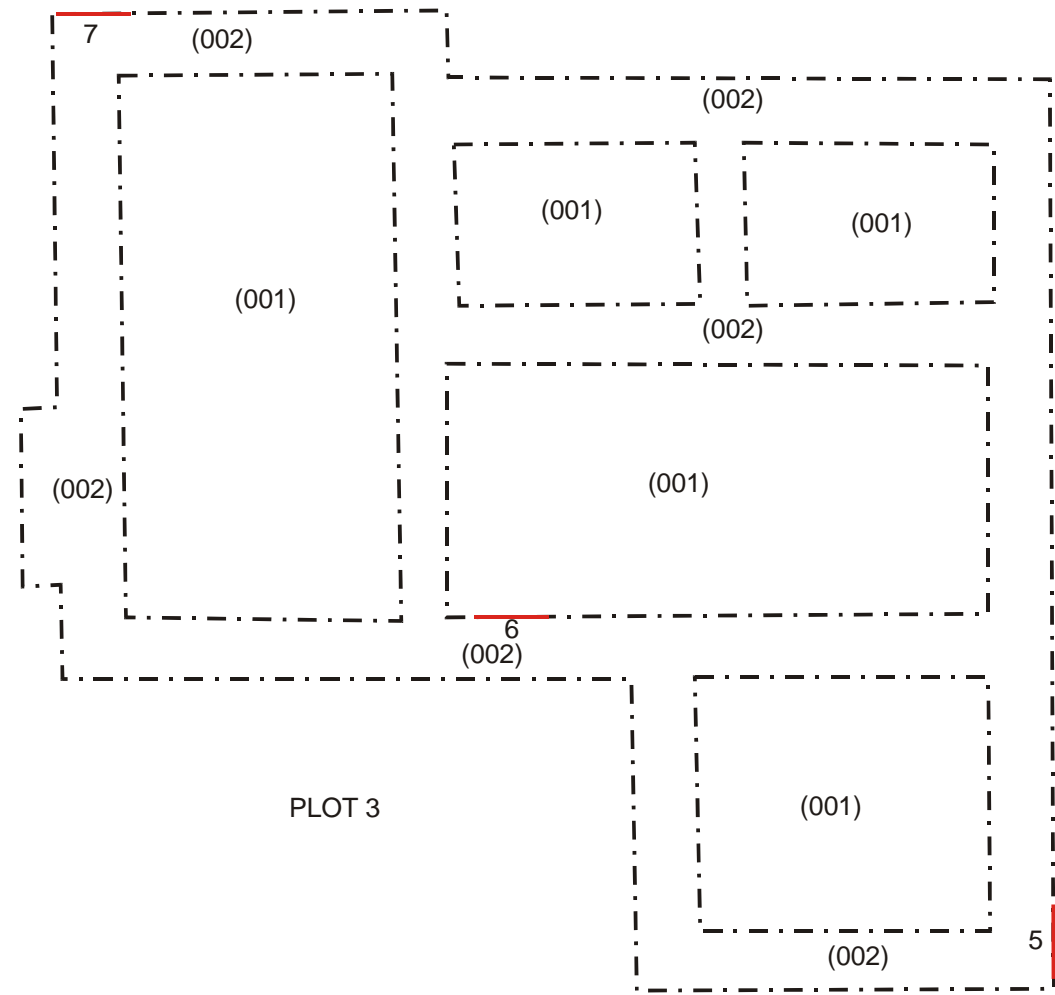
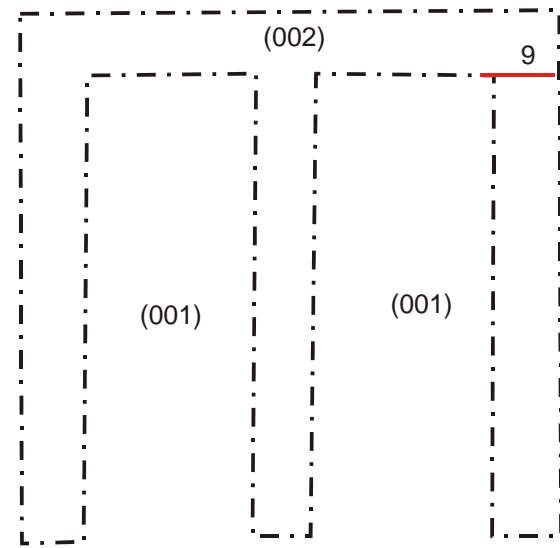


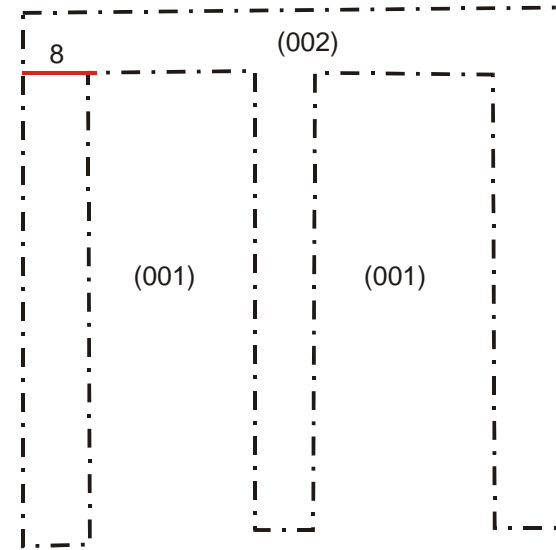
Figure 6: Plan Showing the Monitored Groundworks of Plot 3 at a scale of 1:100 and Representative Sections 5-7 at a scale of 1:20

Eastern Site Boundary

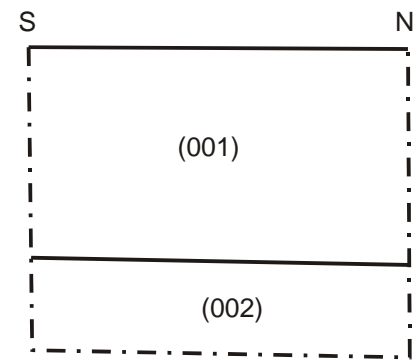


DETACHED GARAGE TO PLOT 2

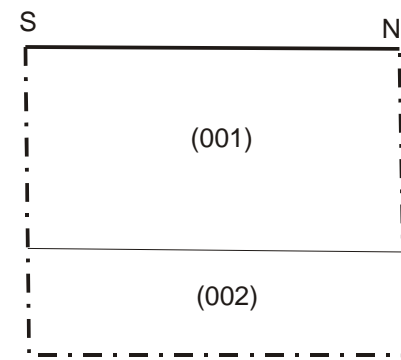
Eastern Site Boundary



DETACHED GARAGE TO PLOT 3

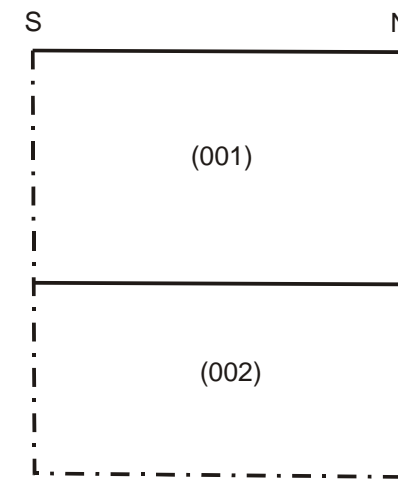
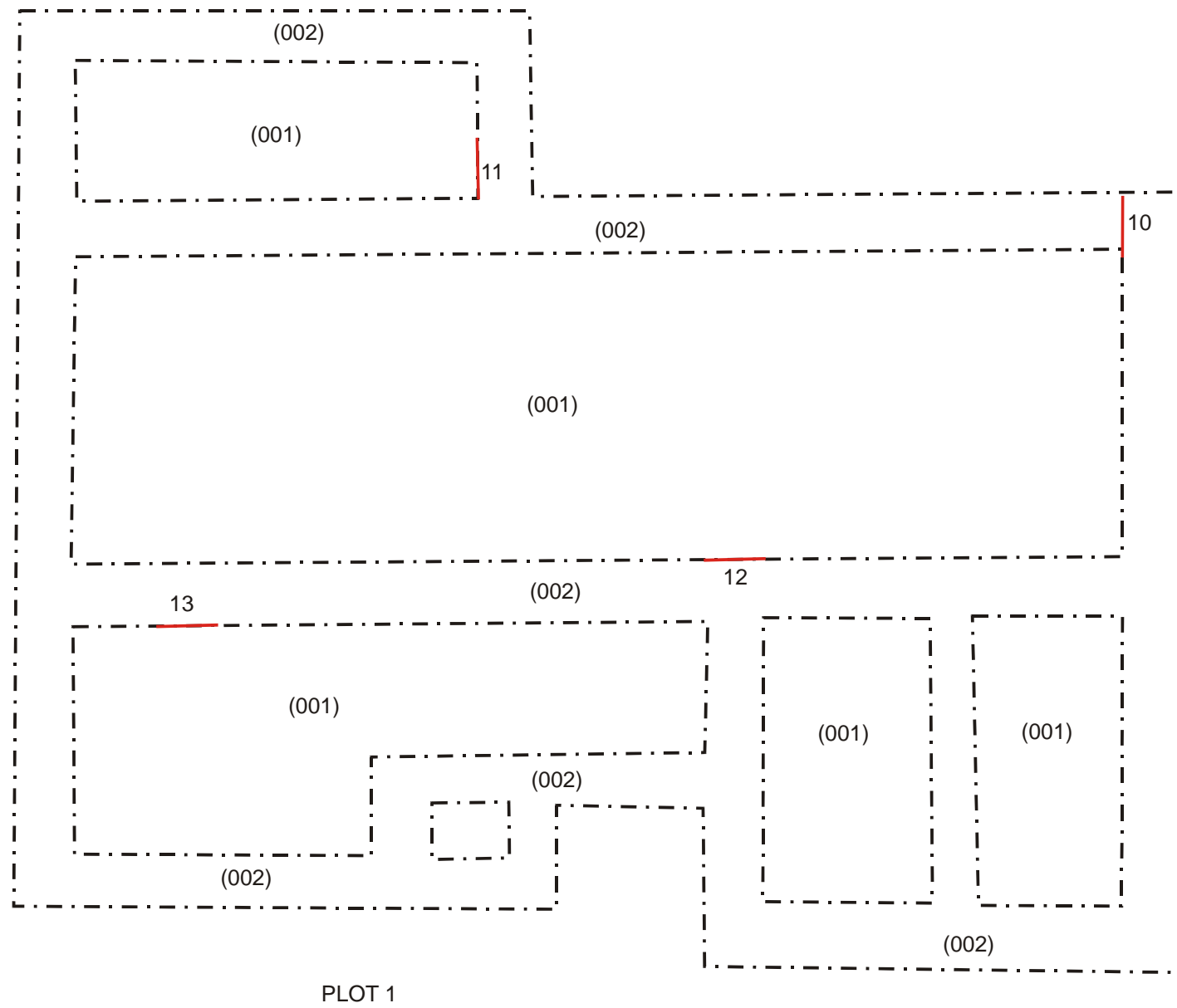


Representative Section 9, East Facing Section, scale 1:20

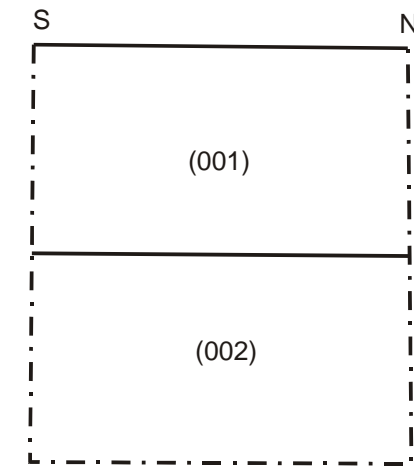


Representative Section 8, East Facing Section, scale 1:20

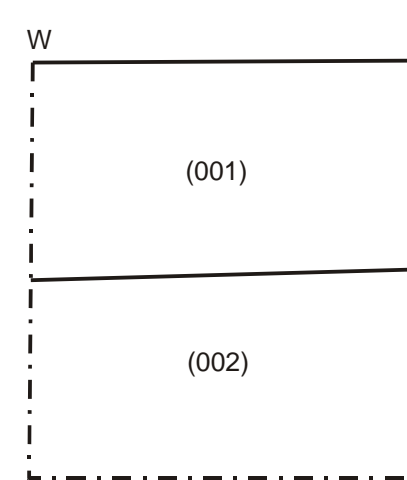
Figure 7: Plan showing the Monitored Groundworks of the Detached Garages to Plots 2 and 3 at a scale of 1:100 and Representative Sections 8-9 at a scale of 1:20.



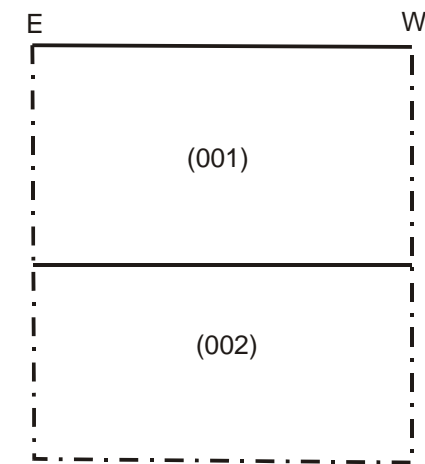
Representative Section 10, East facing Section, scale 1:20



Representative Section 11, East Facing Section, scale 1:20



Representative Section 12, South Facing Section, scale 1:20



Representative Section 13, North Facing Section, scale 1:20

Figure 8: Plan showing the Monitored Groundworks of Plot 1 at a scale of 1:100 and Representative Sections 10-13 at a scale of 1:20

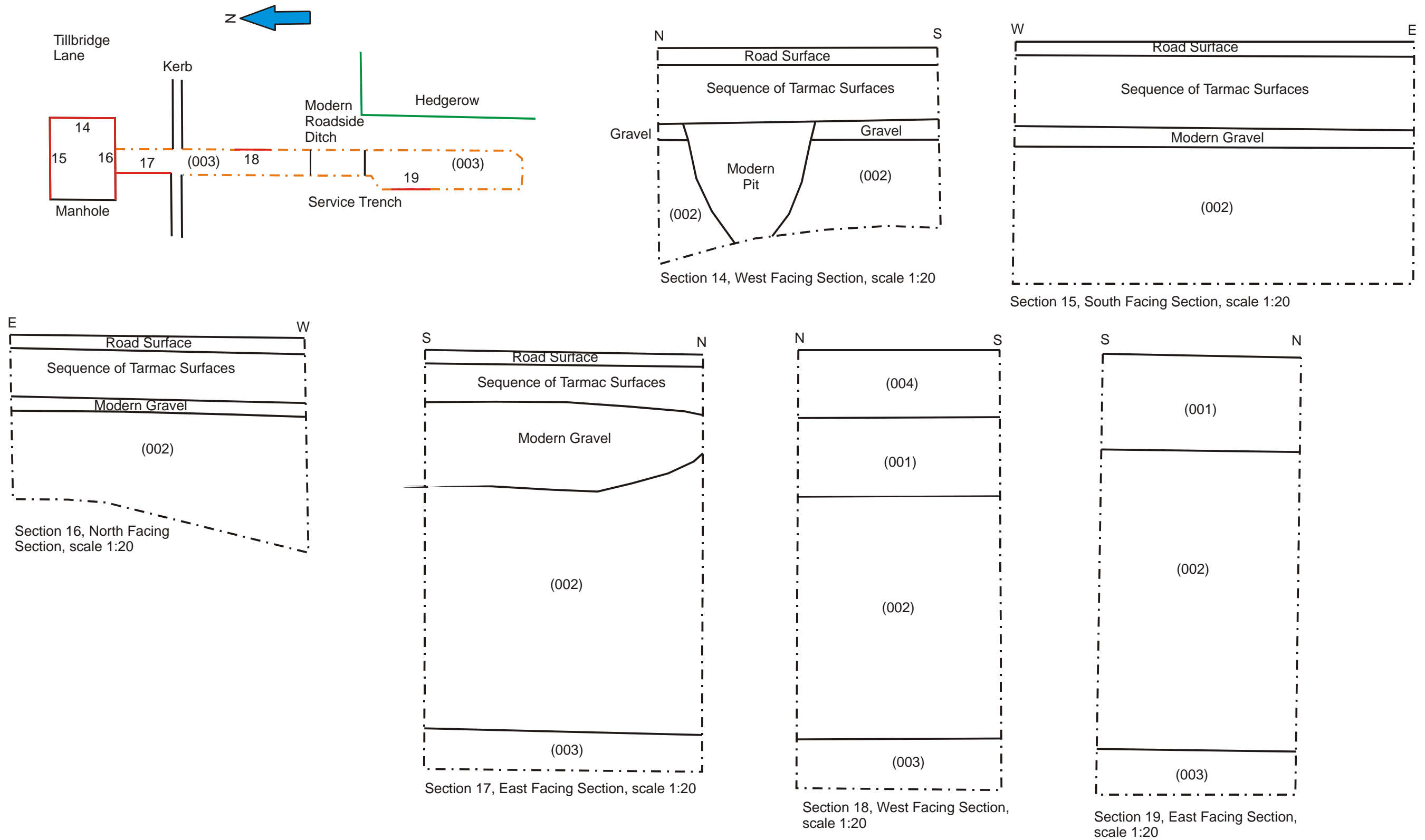


Figure 9: Plan of the Monitored Services by Tillbridge Lane at a scale of 1:100 and Sections 14-19 at a scale of 1:20

Appendix 1: Plates



Plate 1: Pre-groundworks, from the north-west



Plate 4: Pre-groundworks, from the north-west

Plot 2



Plate 2: Pre-groundworks, from the west



Plate 5: Excavation of the foundations, from the south



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



Plate 6: Excavation of the foundations, from the south



Plate 7: Representative Section 1, from the west



Plate 8: Excavation of the foundations, from the south



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



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



Plate 11: Excavation of the foundations, from the north



Plate 12: Representative Section 2, from the west



Plate 15: Excavation of the foundations, from the east



Plate 13: Excavation of the foundations, from the west



Plate 16: Excavation of the foundations, from the north



Plate 14: Excavation of the foundations, from the east



Plate 17: Excavation of the foundations, from the north



Plate 18: Excavation of the foundations, from the east



Plate 21: Excavation of the foundations, from the east



Plate 19: Excavation of the foundations, from the east



Plate 22: Excavation of the foundations, from the west



Plate 20: Excavation of the foundations, from the south-east



Plate 23: Representative Section 3, from the south



Plate 24: Excavation of the foundations, from the west



Plate 27: Excavation of the foundations, from the north-east



Plate 25: Excavation of the foundations, from the west



Plate 28: Excavation of the foundations, from the west



Plate 26: Excavation of the foundations, from the west



Plate 29: Excavation of the foundations, from the north-east



Plate 30: Excavation of the foundations, from the south-east



Plate 33: Representative Section 4, from the east



Plate 31: Excavation of the foundations, from the east



Plate 34: Excavation of the foundations, from the west



Plate 32: Excavation of the foundations, from the west



Plate 35: Excavation of the foundations, from the north



Plate 36: Excavation of the foundations, from the south-east



Plate 39: Excavation of the foundations, from the south



Plate 37: Excavation of the foundations, from the west



Plate 40: Representative Section 5, from the west

Plot 3



Plate 38: Pre-groundworks, from the south-east



Plate 41: Excavation of the foundations, from the south



Plate 42: Excavation of the foundations, from the south



Plate 45: Excavation of the foundations, from the south-east



Plate 43: Excavation of the foundations, from the south



Plate 46: Excavation of the foundations, from the east



Plate 44: Excavation of the foundations, from the south



Plate 47: Excavation of the foundations, from the south



Plate 48: Representative Section 6, from the east



Plate 51: Excavation of the foundations, from the south-east



Plate 49: Excavation of the foundations, from the south



Plate 52: Excavation of the foundations, from the south-east



Plate 50: Excavation of the foundations, from the south-east



Plate 53: Excavation of the foundations, from the north-east



Plate 54: Excavation of the foundations, from the south-east



Plate 57: Excavation of the foundations, from the north-east



Plate 55: Excavation of the foundations, from the south-east



Plate 58: Excavation of the foundations, from the east



Plate 56: Excavation of the foundations, from the south-west



Plate 59: Representative Section 7, from the south



Plate 60: Excavation of the foundations, from the north-west



Plate 63: Excavation of the foundations, from the south



Plate 61: Excavation of the foundations, from the north



Plate 64: Excavation of the foundations, from the south



Plate 62: Excavation of the foundations, from the south-west



Plate 65: Excavation of the foundations, from the east



Plate 66: Excavation of the foundations, from the east



Plate 68: Excavation of the foundations, from the north

Detached Garage to Plot 3



Plate 67: Pre-groundworks, from the south



Plate 69: Representative Section 8, from the east



Plate 70: Excavation of the foundations, from the north



Plate 72: Excavation of the foundations, from the east



Plate 71: Excavation of the foundations, from the north



Plate 73: Excavation of the foundations, from the north-east



Plate 74: Excavation of the foundations, from the west



Plate 75: Excavation of the foundations, from the north



Plate 78: Representative Section 9, from the east



Plate 76: Excavation of the foundations, from the south



Plate 79: Excavation of the foundations, from the south

Detached Garage to Plot 2



Plate 77: Excavation of the foundations, from the south



Plate 80: Excavation of the foundations, from the south



Plate 81: Excavation of the foundations, from the east



Plate 84: Excavation of the foundations, from the north



Plate 85: Excavation of the foundations, from the south



Plate 82: Excavation of the foundations, from the south



Plate 83: Excavation of the foundations, from the south

Plot 1



Plate 86: Excavation of the foundations, from the north-west



Plate 87: Excavation of the foundations, from the north



Plate 90: Excavation of the foundations, from the north



Plate 88: Representative Section 10, from the east



Plate 91: Excavation of the foundations, from the east



Plate 89: Excavation of the foundations, from the north



Plate 92: Excavation of the foundations, from the north



Plate 93: Excavation of the foundations, from the east



Plate 96: Excavation of the foundations, from the north-east



Plate 94: Representative Section 11, from the east



Plate 97: Excavation of the foundations, from the east



Plate 95: Excavation of the foundations, from the north



Plate 98: Excavation of the foundations, from the north



Plate 99: Excavation of the foundations, from the south



Plate 102: Representative Section 12, from the south



Plate 100: Excavation of the foundations, from the south



Plate 103: Excavation of the foundations, from the south



Plate 101: Excavation of the foundations, from the east



Plate 104: Excavation of the foundations, from the south-east



Plate 105: Excavation of the foundations, from the north-west



Plate 108: Excavation of the foundations, from the east



Plate 106: Excavation of the foundations, from the south-east



Plate 109: Excavation of the foundations, from the south-east



Plate 107: Excavation of the foundations, from the north



Plate 110: Excavation of the foundations, from the north-east



Plate 111: Excavation of the foundations, from the south



Plate 114: Excavation of the foundations, from the north



Plate 112: Excavation of the foundations, from the south



Plate 115: Representative Section 13, from the north



Plate 113: Excavation of the foundations, from the west



Plate 116: Excavation of the foundations, from the west



Plate 117: Excavation of the foundations, from the north



Plate 120: Excavation of the foundations, from the north-east



Plate 118: Excavation of the foundations, from the west

The Service Works by Tillbridge Lane



Plate 121: Section 14 through Tillbridge Lane, from the west



Plate 119: Excavation of the foundations, from the north-east



Plate 122: Section 14 through Tillbridge Lane, from the south-west



Plate 124: Section 15 through Tillbridge Lane, from the south



Plate 123: Section 15 through Tillbridge Lane, from the south



Plate 125: View of the roadworks in Tillbridge Lane, from the south



Plate 126: Pre-groundworks, from the north



Plate 127: Section 16 through Tillbridge Lane, from the north



Plate 130: Excavation of the service trench, from the north-east



Plate 128: Excavation of the service trench, from the north-east



Plate 131: Excavation of the service trench, from the north-east



Plate 129: Excavation of the service trench, from the north-east



Plate 132: Excavation of the service trench, from the north-east



Plate 133: Excavation of the service trench, from the north-east



Plate 135: Excavation of the service trench, from the north



Plate 134: Excavation of the service trench, from the north



Plate 136: Excavation of the service trench, from the north



Plate 137: Excavation of the service trench, from the north



Plate 139: Excavation of the service trench, from the north



Plate 138: Excavation of the service trench, from the north



Plate 140: Representative Section 17, from the east



Plate 141: Excavation of the service trench, from the north



Plate 143: Excavation of the service trench, from the north



Plate 142: Excavation of the service trench, from the north



Plate 144: Excavation of the service trench, from the north



Plate 145: Excavation of the service trench, from the south



Plate 147: Excavation of the service trench, from the north



Plate 146: Excavation of the service trench, from the north

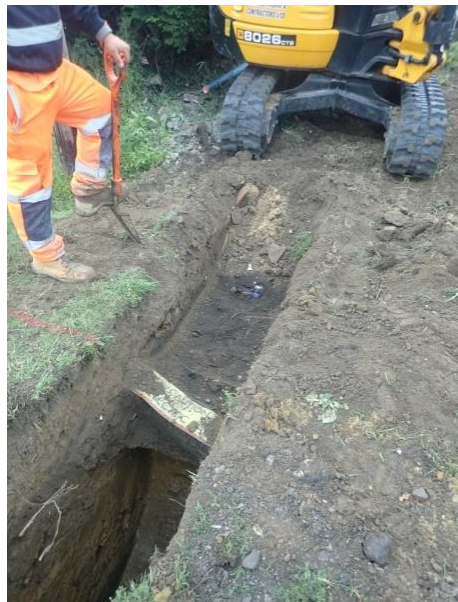


Plate 148: Excavation of the service trench, from the north



Plate 149: Representative Section 18, from the west



Plate 151: Excavation of the service trench, from the north



Plate 150: Excavation of the service trench, from the south



Plate 152: Excavation of the service trench, from the west



Plate 153: Excavation of the service trench, from the north



Plate 155: Excavation of the service trench, from the south



Plate 154: Excavation of the service trench, from the south



Plate 156: Excavation of the service trench, from the north-west



Plate 157: Excavation of the service trench, from the north-west



Plate 158: Excavation of the service trench, from the north



Plate 159: Excavation of the service trench, from the north



Plate 160: View of the modern roadside ditch, from the west



Plate 161: Excavation of the service trench, from the north



Plate 162: Excavation of the service trench, from the south



Plate 164: Excavation of the service trench, from the north



Plate 163: Excavation of the service trench, from the north



Plate 165: Excavation of the service trench, from the north-east



Plate 166: Excavation of the service trench, from the north



Plate 168: Excavation of the service trench, from the north



Plate 167; Representative Section 19, from the east



Plate 169: Excavation of the service trench, from the north-west

Appendix 2: List of Contexts

Plots 1-3

- 001** Topsoil/ploughsoil horizon. Soft, mid orange brown sandy silt with occasional small angular and rounded stones. Above **(002)**. Recorded within **Representative Sections 1-13**. Depth - 0.58m.
- 002** Natural horizon. Soft, light orange brown sandy silt with spreads of light orange brown silty clay and of further spreads of dark orange brown silty clay. Below **(001)**. Recorded within **Representative Sections 1-13**. Depth - >0.61m.

Roadside Service Trench

- 001** As above. Below **(004)**. Recorded within **Representative Sections 18-19**. Depth - 0.49m.
- 002** As above. Above **(003)**. Recorded within **Representative Sections 14-19**. Depth - 1.49m.
- 003** Natural horizon. Soft, mid orange brown silty clay with no inclusions, Below **(002)**. Recorded within **Representative Sections 17-19**. Depth - >0.21m.
- 004** Imported modern topsoil horizon. Friable, dark orange brown sandy silt with frequent small angular and rounded stones. Above **(001)**. Recorded within **Representative Section 18**. Depth - 0.33m.

Appendix 3: The Archive

The archive consists of:

Four context records

A plan of the monitored Plot 1 at a scale of 1:100 and thirteen section drawings at a scale of 1:20 on one sheet of drawing film

Plans of the monitored Plots 2 and 3 and of the detached garages to Plots 2 and 3 at a scale of 1:100 on one sheet of drawing film

A plan of the monitored services by Tillbridge Lane at a scale of 1:100 and six 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: 2021.131** and the site code **TRSS21**

Appendix 4: Photographic Register

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3	" "	NE		" "	"
4	" "	NW		" "	"
PLOT 2					
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6	Excavation of the Foundation	S		AT 20/10/21	TRSS21
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9	Excavation of the Foundation	NW		AT 20/10/21	TRSS21
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15	Excavation of the Foundation	E		AT 20/10/21	TRSS21
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17	Excavation of the Foundation	N		AT 20/10/21	TRSS21
18	Excavation of the Foundation	E		AT 20/10/21	TRSS21
19	Excavation of the Foundation	E		AT 20/10/21	TRSS21

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29	Excavation of the Foundation	NE		MA 20/10/21	TRSS21	
30	Excavation of the Foundation	SE		MA 20/10/21	TRSS21	
31	Excavation of the Foundation	E		MA 20/10/21	TRSS21	
32	Excavation of the Foundation	W		MA 20/10/21	TRSS21	
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36	Excavation of the Foundation	SE		MA 20/10/21	TRSS21	

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	PLOT 3						
38	Pre-groundwork	SE		At 20/10/21	TR5521		
39	Excavation of the Foundation	S		" "	"		
40	Representative Section 5	W		At 20/10/21	TR5521		
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51	Excavation of the Foundations	SE		At 20/10/21	TR5521		
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53	Excavation of	NE		At 20/10/21	TR5521		

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56	Excavation of the Foundations	SW		AA 22/10/21	TR5521		
57	Excavation of the Foundations	NE		AA 22/10/21	TR5521		
58	Excavation of the Foundations	E		AA 22/10/21	TR5521		
59	Representative Section 7	S		AA 22/10/21	TR5521		
60	Excavation of the Foundations	NW		AA 22/10/21	TR5521		
61	Excavation of the Foundations	N		AA 22/10/21	TR5521		
62	Excavation of the Foundations	SW		AA 22/10/21	TR5521		
63	Excavation of the Foundations	S		AA 22/10/21	TR5521		
64	Excavation of the Foundations	S		AA 22/10/21	TR5521		
65	Excavation of the Foundations	E		AA 22/10/21	TR5521		
66	Excavation of the Foundations	E		AA 22/10/21	TR5521		
DETACHED GARAGE TO PLOT 3							
67	Pre-groundworks	S		AA 22/10/21	TR5521		
68	Excavation of the Foundations	N		" "	"		
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70	Excavation of	N		AA 22/10/21	TR5521		

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72	Excavation of the Foundation	E		NA 22/10/21	TR5521		
73	Excavation of the Foundation	NE		NA 22/10/21	TR5521		
74	Excavation of the Foundation	W		NA 22/10/21	TR5521		
75	Excavation of the Foundation	N		NA 22/10/21	TR5521		
76	Excavation of the Foundation	S		NA 22/10/21	TR5521		
DETACHED GARAGE TO PLOT 2							
77	Excavation of the Foundation	S		NA 22/10/21	TR5521		
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PLOT 1							
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	Section 10					
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	the Foundations					
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	the Foundations					
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	the Foundations					
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	the Foundations					
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	the Foundations					
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	the Foundations					
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103	Excavation of	S		AA 25/10/21	TRSS21	

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				
	the Foundation						
104	Excavation of the Foundation	SE		AT 25/10/21	TRSS21		
105	Excavation of the Foundation	NW		AT 25/10/21	TRSS21		
106	Excavation of the Foundation	SE		AT 25/10/21	TRSS21		
107	Excavation of the Foundation	N		AT 25/10/21	TRSS21		
108	Excavation of the Foundation	E		AT 25/10/21	TRSS21		
109	Excavation of the Foundation	SE		AT 25/10/21	TRSS21		
110	Excavation of the Foundation	NE		AT 25/10/21	TRSS21		
111	Excavation of the Foundation	S		AT 25/10/21	TRSS21		
112	Excavation of the Foundation	S		AT 25/10/21	TRSS21		
113	Excavation of the Foundation	W		AT 25/10/21	TRSS21		
114	Excavation of the Foundation	N		AT 25/10/21	TRSS21		
115	Representative Section 13	N		AT 25/10/21	TRSS21		
116	Excavation of the Foundation	W		AT 25/10/21	TRSS21		
117	Excavation of the Foundation	N		AT 25/10/21	TRSS21		
118	Excavation of the Foundation	W		AT 25/10/21	TRSS21		
119	Excavation of the Foundation	NE		AT 25/10/21	TRSS21		
120	Excavation of the Foundation	NE		AT 25/10/21	TRSS21		

PHOTOGRAPHIC RECORD SHEET

Camera No.	Date Loaded	Time Loaded	Comments	B&W	Col.	Digi.
	1 / 1	:		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frame	Comments	View	Scale	Unit & Date	Site	
	Identification Shot	N/A	N/A			
	the Foundation					
	THE SERVICE WORKS BY TILLBRIDGE LANE					
121	Section 14 through Tillbridge Lane	W		At 30/5/22 TR521		
122	Section 14 through Tillbridge Lane	SW		At 30/5/22 TR5521		
123	Section 15 through Tillbridge Lane	S		At 30/5/22 TR5521		
124	Section 15 through Tillbridge Lane	S		At 30/5/22 TR5521		
125	View of the roadworks in Tillbridge Lane	S		At 30/5/22 TR5521		
126	Pre-groundworks	N		At 30/5/22 TR5521		
127	Section 16 through Tillbridge Lane	"		" " "		
128	Excavation of the service trench	NE		At 30/5/22 TR5521		
129	Excavation of the service trench	NE		At 30/5/22 TR5521		
130	Excavation of the service trench	NE		At 30/5/22 TR5521		
131	Excavation of the service trench	NE		At 30/5/22 TR5521		
132	Excavation of	NE		At 30/5/22 TR5521		

PHOTOGRAPHIC RECORD SHEET

Camera No.	Date Loaded	Time Loaded	Comments	B&W	Col.	Digi.
	1 / 1	:		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frame	Comments	View	Scale	Init & Date	Site	
	Identification Shot	N/A	N/A			
	the service trench					
133	Excavation of the service trench	NE		AA 30/r/22	TR5521	
134	Excavation of the service trench	N		AA 30/r/22	TR5521	
135	Excavation of the service trench	N		AA 30/r/22	TR5521	
136	Excavation of the service trench	N		AA 30/r/22	TR5521	
137	Excavation of the service trench	N		AA 30/r/22	TR5521	
138	Excavation of the service trench	N		AA 30/s/22	TR5521	
139	Excavation of the service trench	N		AA 30/r/22	TR5521	
140	Representative section 17	E		AA 30/r/22	TR5521	
141	Excavation of the service trench	N		AA 30/r/22	TR5521	
142	Excavation of the service trench	N		AA 30/r/22	TR5521	
143	Excavation of the service trench	N		AA 30/r/22	TR5521	
144	Excavation of the service trench	N		AA 30/r/22	TR5521	
145	Excavation of the service trench	S		AA 30/r/22	TR5521	
146	Excavation of the service trench	N		AA 30/r/22	TR5521	
147	Excavation of the service trench	N		AA 30/r/22	TR5521	

PHOTOGRAPHIC RECORD SHEET

Camera No.	Date Loaded	Time Loaded	Comments	B&W	Col.	Digi.
	1 / 1	:		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frame	Comments	View	Scale	Init & Date	Site	
	Identification Shot	N/A	N/A			
148	Excavation of the service trench	N		MA 30/1/22	TR5521	
149	Representative section of	W		MA 30/1/22	TR5521	
150	Excavation of the service trench	S		MA 30/1/22	TR5521	
151	Excavation of the service trench	N		MA 30/1/22	TR5521	
152	Excavation of the service trench	W		MA 30/1/22	TR5521	
153	Excavation of the service trench	N		MA 30/1/22	TR5521	
154	Excavation of the service trench	S		MA 30/1/22	TR5521	
155	Excavation of the service trench	S		MA 30/1/22	TR5521	
156	Excavation of the service trench	NW		MA 31/1/22	TR5521	
157	Excavation of the service trench	NW		MA 31/1/22	TR5521	
158	Excavation of the service trench	N		MA 31/1/22	TR5521	
159	Excavation of the service trench	N		MA 31/1/22	TR5521	
160	view of the modern concrete ditch	W		MA 31/1/22	TR5521	
161	Excavation of the service trench	N		MA 31/1/22	TR5521	
162	Excavation of the service trench	S		MA 31/1/22	TR5521	
163	Excavation of the service trench	N		MA 31/1/22	TR5521	
164	Excavation of	N		MA 31/1/22	TR5521	

Appendix 5: OASIS Summary Sheet

Appendix 6: Specification for Archaeological Monitoring

**Specification for Archaeological Monitoring
on Land to the Rear of Tillbridge Road,
Sturton by Stow, Lincolnshire.**

Prepared for Ms. Eileen Sun of Panton Homes

National Grid Reference: SK 8925 8021

Site Code: TRSS21

Accession No: LCNCC: 2021.131

Planning Reference: 136428

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

July 2021

Non-technical summary

- S1 *A scheme of works comprising archaeological monitoring and recording is required during the groundworks pertaining to the construction of six new residential dwellings on land to the south of Tillbridge Road, Sturton by Stow, Lincolnshire.*
- S2 *The development site is situated within an area of high archaeological potential. The development site lies within the area of the medieval settlement of Sturton as adjudged by the earthwork cultivation remains of ridge and furrow to the immediate east. The development site also lies to the south of the Roman road of Tillbridge Lane, so it is possible that associated contemporary roadside settlement activity may be encountered here. The specific objectives of the project will be to record any archaeological features, structures, deposits or finds associated with this potential Roman roadside and medieval settlement activity.*
- S3 *The archaeological monitoring will be undertaken during the groundworks stage of development, which will comprise the mechanical excavation of the foundations, services and access for the six new residential dwellings. 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 to the south of the Tillbridge Road at National Grid Reference SK 8925 8021 and at a height of approximately 3mAOD. The village of Sturton by Stow is located within the modern civil parish of the same name, administrative district of West Lindsey, county of Lincolnshire.
- 1.2 The development site is situated to the east of the west facing slope of a river terrace which in turn overlooks the valley of the River Trent further to the west. The development site is located on fine loamy and clayey soils of the Wickham 2 Series. These in turn overlie Lower Lias mudstones of the Lower 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 erection of six new residential dwellings on land to the south of Tillbridge Road, Sturton by Stow, Lincolnshire, (Planning Reference: 136428).

3. Historical and Archaeological Background

- 3.1 Background research sources were consulted at the online National Library of Scotland and the Lincolnshire County Council Historic Environment Record (HER). A search of the Lincolnshire HER was conducted within a 0.25km radius of the centre of the development site. The National Heritage List of Historic England (NHL) was also consulted.
- 3.2 A polished stone axe of Neolithic date was found in a garden at Sturton by Stow in about 1968 (HER 52502).



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

- 3.3 The assessment site is located to the south of Tillbridge Road, a Roman road which links Ermine Street to the north of Lincoln at a point near North Carlton to a crossing of the River Trent at Marton, and thence over the river to the Roman settlement at Littleborough (*Segelocvm*). The road dates from the late 1st century AD (HER ML150575).
- 3.4 At the time of the Domesday Survey of AD1086, the manor of Sturton or *Stratone* was held by the Bishop of Bayeux. This is the earliest documentary reference to the settlement of Sturton, which clearly has late Anglo-Saxon origins from place name evidence. The place name itself is derived from the Old English *straet* and the Old English *tun*, hence 'the village/farmstead near or on the Roman road'. This refers to Tillbridge Lane, the aforementioned Roman road from Ermine Street to the Trent crossing at Littleborough. At the Lindsey Survey of c.AD1115, one Hugh de Vallo held eight carucates of land in *Stretluna*. Later medieval documentary sources variously refer to this settlement as *Srettona* (AD1155-70); *Stretona* (AD1150-60); *Straton* (AD1191) and as *Stralton* (AD1202).
- 3.5 Documentary sources relating to the medieval settlement of Sturton are patchy at best because although Sturton and Stow are separate civil parishes, they are both part of the same ecclesiastical parish, being served by the church of St Mary at Stow (HER 52504). The medieval settlement of Sturton shows no serious evidence of any decline in terms of size and population. The settlement plan did not focus along the line of the Roman Road, which bisects the village, but in a side street on the northern side and at right angles to the Roman road (the High Street). Properties fronted on both the eastern and western sides of this side road.
- 3.6 To the south of the Marton Road are the earthwork cultivation remains of medieval ridge and furrow (HER 52505), which have been identified from aerial photographic sources.

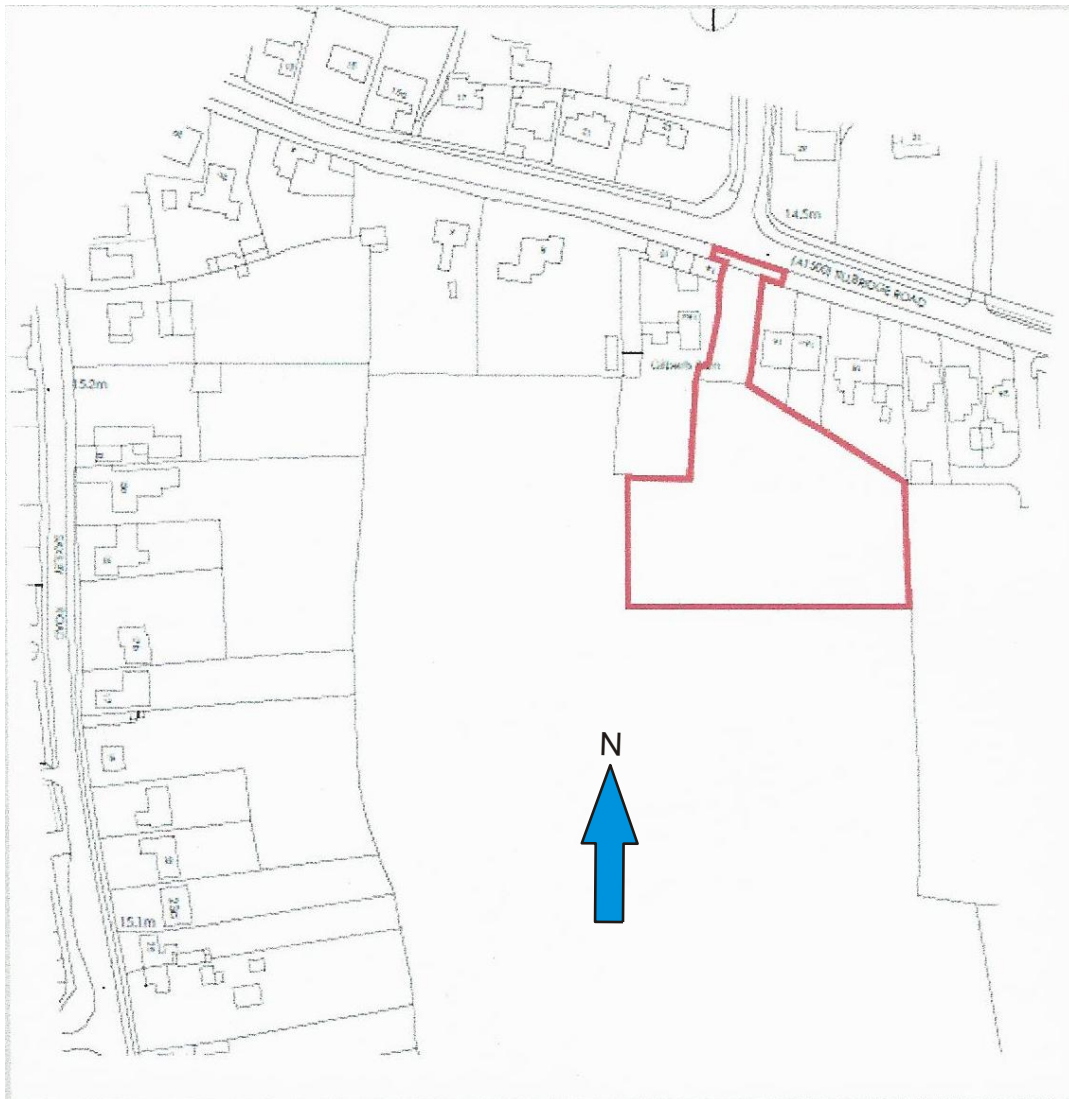


Figure 2: Drawing showing the site location (no scale)

- 3.7 Further earthworks of medieval ridge and furrow are situated to the south-west of Sturton by Stow and have been plotted from aerial photographic sources (HER MLI125606). In 2019, an earthwork survey was conducted on land to the rear of 22A, Saxilby Road (HER MLI125606, ELI13333, Site code: SRSS19). The prominent earthwork remains of north-south aligned ridge and furrow were recorded.
- 3.8 Gilbert's Barn at Sturton by Stow is a partially extant 19th century farmstead (HER MLI118768). This was arranged around a regular courtyard in a 'U'-plan. There has been a partial loss of traditional buildings. The farmstead was within a village location.
- 3.9 The former Wesleyan Methodist Chapel on Tillbridge Lane was built in 1805 (HER 87254). It was converted into a private residential dwelling in 2000.
- 3.10 The Old Schoolroom on Tillbridge Lane was opened in 1840 and was converted to a Sunday School in 1878 (HER MLI125608). It is now in use as a parish meeting room.

- 3.11 There have been other previous archaeological investigations within the vicinity of this development site. The former Red Lion public house was located at 1, Marton Road (HER MLI25829). It was demolished in 2018. Prior to this an historic building survey of the public house was carried out. The public house had been in use from the late 18th/early 19th centuries. The south range of the building appears to have been of much earlier origin with a timber frame. The front of the building was also found to have been originally timber framed, though much altered in the 19th and 20th centuries (HER MLI25829, ELI13500, Site code: SBSB19).
- 3.12 The earthwork cultivation remains of medieval ridge and furrow occur to the south-east of Sturton by Stow and to the immediate east of this development site, which were recorded in 2012 (HER MLI52505, ELI11256). The remains comprised two adjacent sections of medieval ridge and furrow earthworks, with the furrows in the northern section on a broadly north-south alignment and along an east-west orientation in the southern section. A headland was also recorded between the two sections.
- 3.13 An archaeological watching brief was undertaken in 2015 on the groundworks for a new residential development on land adjacent to Obam Stairlifts, Tillbridge Road (HER MLI52504, ELI13142, Site code: STRM14) to the immediate east of this development site. No significant archaeological features or finds were made, although the remains of previously identified and well defined ridge and furrow earthworks were noted across the site.
- 3.14 Copies of early edition and published Ordnance Survey maps were obtained from the Lincolnshire Archives and from the Lincoln Local Studies Library. The earliest map consulted comprised an extract from the First Edition 25 inch to one mile scale O.S. map of 1886. This map shows this development site as occupying the northern portion of a larger enclosure that is set back from and situated to the south of the Tillbridge Lane. The existing site access is situated within the area of a farmstead, that is located on the southern frontage of Tillbridge Lane.
- 3.15 This same layout to the area of this development site is repeated on the subsequent Second Edition 25 inch to one mile scale O.S. map of 1906, on the 1:10,560 scale O.S. map of 1956 and on the 1:2,500 scale O.S. map of 1976.
- 3.16 **Figure 2** shows the currently 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 the site groundworks during the construction stage of development, which will comprise the mechanical excavation of the foundations, services and access for the six 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 The development site is situated within an area of high archaeological potential. The development site lies within the area of the medieval settlement of Sturton as adjudged

by the earthwork cultivation remains of ridge and furrow to the immediate east. The development site also lies to the south of the Roman road of Tillbridge Lane, so it is possible that associated contemporary roadside settlement activity may be encountered here. The specific objectives of the project will be to record any archaeological features, structures, deposits or finds associated with this potential Roman roadside and medieval settlement activity.

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, services and access for the six new residential dwellings, 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 Stripped areas and trench sections will be continually observed to identify any archaeological features and/or deposits which may be exposed.
- 5.6 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.
- 5.7 *Written descriptions detailing the nature of archaeological features and/or deposits encountered will be compiled on pro-forma context record sheets.*
- 5.8 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.
- 5.9 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.
- 5.10 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.
- 5.11 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.

- 5.12 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 they 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 (if appropriate).
- 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 A minimum notification period of not less than fourteen days of the start date of works on the site will be given to the Lincolnshire County Council Historic Environment Team.
- 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 June 2022.

9. Reporting procedures

9.1 A report detailing the findings of the archaeological monitoring will be completed within two 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 Historic 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, 2021).

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
Jane Cowgill	Metallurgy
- 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.