

T H A M E S V A L L E Y

ARCHAEOLOGICAL

S E R V I C E S

**Wix Farm, Epsom Road,
West Horsley, Surrey**

Building Recording

by Genni Elliott and Danielle Milbank

Site Code: WHS16/55

(TQ 0753 5225)

Wix Farm, Epsom Road, West Horsley, Surrey

**Building Recording
For Mr Andrew Burgess**

by Genni Elliott and Danielle Milbank
Thames Valley Archaeological Services Ltd

Site Code WHS 16/55

September 2016

Summary

Site name: Wix Farm, Epsom Road, West Horsley, Surrey

Grid reference: TQ 0753 5225

Site activity: Building Recording

Date and duration of project: 31st March 2016

Project manager: Steve Ford

Site code: WHS 16/55

Summary of results: Two barns were surveyed, along with the adjoining cart-shed and stables. Both barns were threshing barns, in their original form consisting of five bays with waggon entrances within bay three. The south-west barn is largely unchanged from its original form. The north-west barn has been altered, with the removal of the covered waggon entrance and possibly a north aisle. A sixth bay has been added to the west end and the roof extended further to include stables and a cart-shed. Another stable block butts up against the south wall.

Location and reference of archive: The archive is presently held at Thames Valley Archaeological Services, Reading and will be deposited at Guildford Museum in due course.

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www.tvas.co.uk/reports/reports.asp.*

Report edited/checked by:	Steve Ford ✓ 09.09.16 Steve Preston ✓ 09.09.16
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Wix Farm, Epsom Road, West Horsley, Surrey Building Recording

by Genni Elliott and Danielle Milbank

Report 16/55

Introduction

This report documents the results of building recording at Wix Farm, Epsom Road, West Horsley, Surrey (TQ 0753 5225) (Fig. 1). The work was commissioned by Ms Nikki Hacillo of Elspeth Beard Architects, 2 Kings Mews, 22-26 High Street, Godalming, GU7 1EB on behalf of Mr Andrew Burgess of Wix Farm.

Listed building consent (Application number 10/P/00970) has been gained from Guildford Borough Council for the conversion of two barns on the site into dwellings. The consent includes a condition (3) which requires a programme of recording to be carried out in advance of renovation, to include both a historic building survey and a watching brief on below-ground works. This report documents the results of the building survey.

This is in accordance with the Department for Communities and Local Government's *National Planning Policy Framework* (NPPF 2012), and the Borough's policies on the historic environment. The fieldwork was undertaken by Danielle Milbank and Tim Dawson on 31st March 2016 and the site code is WHS 16/55.

The archive is presently held at Thames Valley Archaeological Services, Reading and will be deposited at Guildford Museum and a copy sent to the National Monuments Record in due course.

Location, topography and geology

Wix Farm is located to the south-west of the village of West Horsley, on the north side of Epsom Road, opposite its junction with Wix Hill (Fig. 1). It is located immediately to the east of the National Trust property of Hatchlands Park (Fig. 2). The site lies at approximately 80m above Ordnance Datum and the underlying geology is the Reading Beds (BGS 1976).

Historical Background

Wix Farmhouse and its barns are listed (Grade II), with the listing text as follows:

'Hall house. C15 with C16 and C17 extensions to ends. Further C20 extensions to rear and front. Timber framed, underbuilt in red brick with whitewashed brick and render infill and cladding on first floor, plain tiled roofs. Half-H shaped plan with end cross wings projecting further to right and with two gabled wings at right angles on left hand wall and in re-entrant angle with cross wing. Square stack to ridge of cross wing on left, stack to right of centre on main range and large stack to junction with right hand return wing. Two storeys. Entrance front:- Tile hung gable to left. One 3-light casement window on each floor of left hand cross wing. Three windows to first floor

centre, 4 on ground floor left of centre. Rendered gables on return wall of right hand cross wing with plat band over ground floor. One first floor window to left gable, two first floor windows on right hand gable. C20 projecting single storey porch to ground floor right of centre. C20 door in single flanking lights to centre. Left hand return front:- tile hung with two windows on each floor. Right hand return front:- C17 brick with plat band over ground floor. Three 3-light casements on each floor two gables on eaves to left. Double doors, part glazed, to left of centre in gabled porch. Rear:- Irregular casement fenestration, hip roofed C20 single storey extension to right of centre. Interior:- substantial quantities of timber exposed with Crown Posts to roof, ogee arched door to first floor and chamfered ceiling beams.

‘Northwest barn (Grade II)

‘Barn. Early C16, extended in C18. Timber framed on brick plinth with weatherboard cladding over brick lower walls and pentice extension to front. Steeply pitched plain tiled, hipped roof, extending in catslide to front left over stables. Five framed bays, including one C18 bay to right. Central full height, through way under hipped roof, projection to rear. Interior:- Windbracing to central bay. Jowled posts and arched bracing to walls. Queen strut roof. End bay to right floored.

‘Southwest barn (Grade II)

‘Barn. C18, late. Timber framed on brick and stone plinth with weatherboard cladding, half-hipped plain tiled roof. 5 framed bays with full height waggon entrances to centre. Queen strut roof. Included for group value with the farm house.’

A range of Ordnance Survey and other historical maps were consulted online and at the Surrey History Centre to show the development of the site. The oldest map to show the site is Senex's map of Surrey of 1729 (Fig. 3), which shows a building labelled *Weeks F.*, although West Horsley is named but not clearly depicted as a settlement. There is a windmill just south of the farm. Roque's map of 1768 (Fig. 4) shows more detail, but does not label the farm specifically. A number of buildings can be seen though these do not correspond with any certainty to Wix Farmhouse and the barns: they may be more schematic than accurate. The earliest map to show the buildings in any detail is the West Horsley Enclosure map of 1803 (Fig. 5) which appears to show Wix Farmhouse and both the south-west barn and middle barn, it does not however show the north-west barn. The West Horsley Tithe map of 1839 (Fig. 6) shows yet more detail and records the land as being owned by the Reverend Charles Weston. A number of buildings are present including Wix Farmhouse, the south-west barn, the north-west barn, middle barn and a number of buildings in between these, most likely other agricultural buildings. At this time the north-west barn is part of a complex of buildings including part of the stables to the east and other buildings projecting south at the west end of the cart-shed to form a farm yard, which includes the middle barn. Noticeably the north-west barn itself is larger than the present building, being wider to the north and with a waggon porch entrance within the central bay. It is possible that this is an error, but it is repeated in the Ordnance Survey maps, so that it is more likely that it shows a significant change to the size of the building.

The south-west barn is true to size, but more detailed than the modern map with the, still existing, waggon porch entrance shown. Additional buildings are shown immediately adjacent to the barn to the east and north.

The First Edition Ordnance Survey of 1871 (Fig. 7) shows the buildings in detail, consisting of five clusters; the farmhouse with formal gardens to the south, the south-west barn, buildings in the location of what is now the garage to the north of that, an L-shaped block, which includes middle barn and presumably other agricultural buildings, and the north-west barn. The only relevant change since 1839 is that part of the range (kennels?) enclosing the farmyard appears to have been removed between the cart-shed within the north-west barn complex and the buildings to the south to create an additional entrance to the farmyard from the west.

The 1896 Ordnance Survey map (not illustrated, as the 1914 map is identical) is similar, but shows infill (kennels?) reappearing between the north-west barn and L-shaped block. However, there is reason to question that this map is as accurate as its predecessor: it is identical in all respects to the 1839 map (down to individual trees) and ignores the minor changes depicted in 1871. The 1910 'altered appointment' for West Horsley appears to be overlaid on the only available copy of the 1896 Ordnance Survey map. The 1914 Ordnance Survey map (Fig. 8) shows no changes to the buildings but slightly more detail as to their division, in particular within the south-west barn which consists of at least three buildings; the barn itself and two small extensions. However, it repeats the (apparent) errors of the 896 map, and may not have been re-surveyed for this area. A West Horsley Estate map of the 1920s or '30s is drawn onto the 1914 Ordnance Survey map. By 1934 (Fig. 9) the western range of the L-shaped block has been removed and an additional building has been built onto the western side of the stables. The ?kennel block has been slightly altered and enlarged.

More substantial change occurred between 1934 and 1972 (Fig. 10). It would appear that an (eastern) extension to the south-west barn has been demolished and a small building has been constructed to the south. The buildings immediately to the north (garage) appear to have changed, the earlier maps show a larger building to the west of a smaller one, where as it is now shown as a larger building to the east of a smaller one: both are probably new. Further to the north a farmyard has once again been created with a new building where the former L-shaped block stood and a southwards extension to the stables, and the access arrangements altered. The north-west barn has also been extended to the north and west, and the probable kennel block replaced with a structure aligned on the new block to the south. The north-west barn itself has lost its waggon porch entrance and is now narrower, whilst to the rear of the cart-shed there may be an extension shown. No further changes are shown in either 1992 or 1993. The 2016 Ordnance Survey map (Fig. 2) again shows considerable change with many of the smaller buildings demolished; those in the vicinity of the south-west barn and the garage. All the buildings along

the western range of the farmyard have also been demolished. The northern extension to the north-west barn has also been demolished.

Methodology

The building survey was carried out in accordance with guidelines set out by the Royal Commission on Historic Monuments for a level 2 record. The survey comprised a photographic survey, paying attention to the methods of construction, chronological development and alterations, and features of special interest. The building has been recorded photographically both digitally and on 35mm format using colour print and black and white media which are catalogued (Appendix 1).

Description

The North-west Barn (Figs 11, 13)

The north-west barn is aligned ENE–WSW and is part of a group of linked buildings including the barn, a cartshed and stables (Fig.2; Pl.1). A further stable block (J-shaped) projects to the south from the east end.

The earliest building is a five-bay former threshing barn (Fig. 11: bays 1–5). A sixth bay at the western end of the building is a later addition. The barn is timber-framed, built over a brick basal plinth, which externally, is more apparent at the eastern end due to the sloping landscape (Pls 2-4). The upper part of the barn is covered in modern, overlapping timber weather board with a series of four windows set into the northern elevation. The waggon entrance is within the centre of the original southern elevation (bay 3). The roof is complex where it joins with the other buildings; in its original form it would have been hipped as seen at the eastern end of the building. At the western end of the building, over the later bay extension is a hipped roof with gablet. It is covered in red clay roof tiles. The floor is of concrete.

The brick basal plinth varies in height due to the topography of the landscape and in the type of brick bonding used. Within the southern and northern elevations they are laid stretcher bond, whilst in the east elevation they are laid English bond. The bricks predominantly measure 230mm x 105mm x 50mm (9" x 4 1/8" x 2") though some are thicker within the southern and eastern elevations. Where not obscured by render, those within the northern elevation are modern and bonded with cement mortar.

The timber framing appears to be of hand cut oak, though no analysis was undertaken. The framing is raised off long lengths of cill, some 160mm (6 1/4") thick, lapped together. The bays are denoted by principal posts supporting the main roof trusses. On their internal faces they have a simple jowled head. The wall panels

are subdivided by a mid-rail, below which are vertical timber studs, infilled with bricks laid in stretcher bond and measuring 228mm x 103mm x 65mm (9" x 4" x 2½") on the southern wall (Pl. 5) and boarded over on the northern wall (Pl. 6). Above the mid-rail are a pair of braces supporting the wall plate. Vertical studs are above and below the braces, using a mortice and tenon joint. Within the northern wall windows, where they can be seen, appear to be later additions breaking the earlier framing, however most are obscured by boarding.

Roof construction consisted of wall plates laid over the top of the principal posts behind the jowls with the tie-beams laid over both. The original trusses (numbered 1-3 on Fig. 11) are of queen strut construction with a clasped purlin (Pl. 7). Wind braces tie the principal rafter and purlin together. The two western trusses (numbered 4 and 5) are of different construction (Pl. 8); truss 4 is of raking queen strut construction; no wind braces are present within the roof. Truss 5 is the original end of the barn and supports the roof hip and the additional timbers used to extend the roof line down to accommodate bay 6. The tie-beam is centrally supported by a substantial vertical post.

The Cart-shed

The cart-shed (Pls 9–12) is located to the west of the north-west barn. It is predominantly brick built, with the bricks laid in stretcher bond, but within the northern wall, at the eastern end is concrete block work. Internally concrete block work is present in the western wall. The roof is of gable end type and covered in red clay tiles. The gable end itself is covered in weather boarding stained black. In plan the cart-shed is four and a half bays long and open to the south. The four roof trusses are supported on the rear wall and a series of brick pillars within the southern opening. The arrangement of the purlin (resting on the brick pillars: Pl. 12) and the common rafters suggest that the roof is a replacement, with some reused timbers including the ridge plank.

The Pentice Stable Extension

The stable block extension (Pls 13–14) is located to the western end of the north-west barn, beneath a pentice roof to the south of the barn. It is sub-divided into three rooms; a store and two stables. It is brick built in Flemish bond. Alterations can be seen in the vicinity of both the stable doors where the openings have been narrowed. Internally the rooms are divided by brick walls laid in stretcher bond and whitewashed. The roof is formed by trusses laid at an angle upon the top of the brick work within the southern wall of the north-west barn and the external stable walls. These are of pine and laid on edge. A raking strut supports the purlin, upon which the rafters are laid.

The Stable Block

The stable block (Pls. 15–17), extending to the south from the eastern end of the north-west barn is of two phases; only the northern, earlier end was recorded. The western wall is brick built, laid in stretcher bond and contains four stable door openings beneath an overhanging roof. The rear, east wall is constructed of concrete blocks. The internal divisions are brick built and partially white washed. The roof is of common rafter construction meeting at a ridge board and is constructed from pine boards.

The South-west Barn (Figs 12, 14)

The south-west barn (Pls 18–21) is aligned slightly closer to east-west, with main entrances on the north and south sides. It consists of five bays and is a former threshing barn. The barn is timber-framed, built over a stone and brick basal plinth set into the natural slope. The upper part of the barn is covered in modern timber weather boarding and the roof is half-hipped, aligned east-west along the length of the building and covered in red clay roof tiles. Within the southern elevation is an extended, hipped porch roof. The floor is of concrete.

Externally, the lowest part of the walls, seen at the eastern end of the building, where the ground level is lowest, is formed of roughly coursed stone blocks; two courses were present above ground level with a third set into the ground (Pl. 19). Above the stone blocks are two courses of flint nodules. Above that are eleven courses of brick, laid in English bond. The bricks typically measure 225mm x 108mm x 65mm (8 7/8" x 4 1/2" x 2 1/2"). A greater number (four) of flint nodule courses were present in the south elevation before the ground level rose above them. Within the north elevation is a large, central cartshed door (Pl. 18), extending to a little below the height of the roofline. At the east end is a second, smaller door, of simple plank construction, accessed up two steps. Immediately to the west of the door is a brick wall, butting the barn and laid in stretcher bond with cement mortar, topped with ridge tiles. It runs north-west to the corner of the garage. Within the south elevation the opposing cartshed door, set beneath an additional porch, is no longer in use and is covered in timber weather-boarding.

Internally the eastern wall has been rebuilt in the 20th century using frogged bricks which are partially keyed into the southern wall. There is render present at the base and mortar and tile has been used to fill the gap beneath the wooden cill (Pl. 22).

The timber framing appears to be of oak and pine, though no analysis was undertaken. Where tool marks can be seen on timbers they indicate that they are hand cut. The framing is raised off long lengths of cill, lapped together and laid over the brick plinths (Pl. 23). The bays are denoted by principal posts supporting a top plate upon which sit the main roof trusses. The wall panels consist of a mid-rail and vertical timber studs with a mortice and tenon joint. Diagonal braces are also present in varying sizes and direction, with some panels having one brace and others two. A door has been inserted into the north wall (Pl. 24) and an electricity box into the east wall. Some of the wood shows signs of re-use with empty mortices present.

Roof construction (Pl. 25) consists of a top wall plate laid over the top of the principal posts with the tie-beams laid over them both. A pair of raking struts support the purlin, upon which the rafters are laid, meeting at a ridge board at the apex.. Pairs of braces support the tie beams; in general these are relatively straight or slightly convex, one however is distinctly concave in shape. Upon these braces a series of carpenters' marks can be seen with corresponding marks on the tie-beam – II, III and IIII were observed (Pl. 26).

Interpretation

The north-west barn complex, in its earliest form consisted of a five-bay threshing barn with a waggon porch entrance to the north and corresponding opening to the south within bay 3. The substantial variation in the width of the barn seen across the historic Ordnance Survey maps (compare Figs 6–9 with Figs 2 and 10) may indicate the removal of a former aisle on the north side of the barn with reuse of original timber to form a new north wall. No direct evidence for this could be seen within the building due to the walls being obscured by boarding, including the external weather boarding.

According to the map evidence, before 1839 (Fig. 6) the barn was extended to include a sixth bay by extending the existing roof down. At a later date, but still before 1839 the cartshed, pentice extension and northern part of the stable block were added. The stables were further extended to the south between 1934-1972.

The south-west barn is largely unchanged from its original (pre-1839) form.

Conclusion

The north-west barn in its original form was a five-bay threshing barn with a covered waggon entrance to the north. It is possible that it may have been of single aisle construction which has been removed, along with the waggon entrance and porch with the original timbers reused within the existing north wall. At a later date the roof was extended at the western end via a catslide roof and a sixth bay added. Subsequent to this the roof was

again extended to accommodate the store and stables on the south side and the cart-shed to the west. Stables to the east were butted against the south wall. The extant building plan dates to prior to 1839 but parts have been replaced.

The south-west barn is also a five-bay threshing barn with a covered wagon entrance to the south. This has subsequently been boarded over, but otherwise the barn is largely unchanged from its original form..

The cartographic evidence suggests, without necessarily being definitive, that the north-west barn was built between 1803 and 1839 and the south-west barn might be slightly earlier (late 18th century).

References

- BGS, 1976, *British Geological Survey*, 1:50,000, Sheet 285, Solid and Drift Edition, Keyworth
NPPF 2012, *National Planning Policy Framework*, Dept Communities and Local Govt, London
RCHME, 1996, *Recording Historic Buildings: a descriptive specification*, 3rd edn, Roy Comm Hist Monuments (England), London

APPENDIX 1: Photographic Catalogue

See figs 13 and 14 for positions and directions of view.

A. Digital

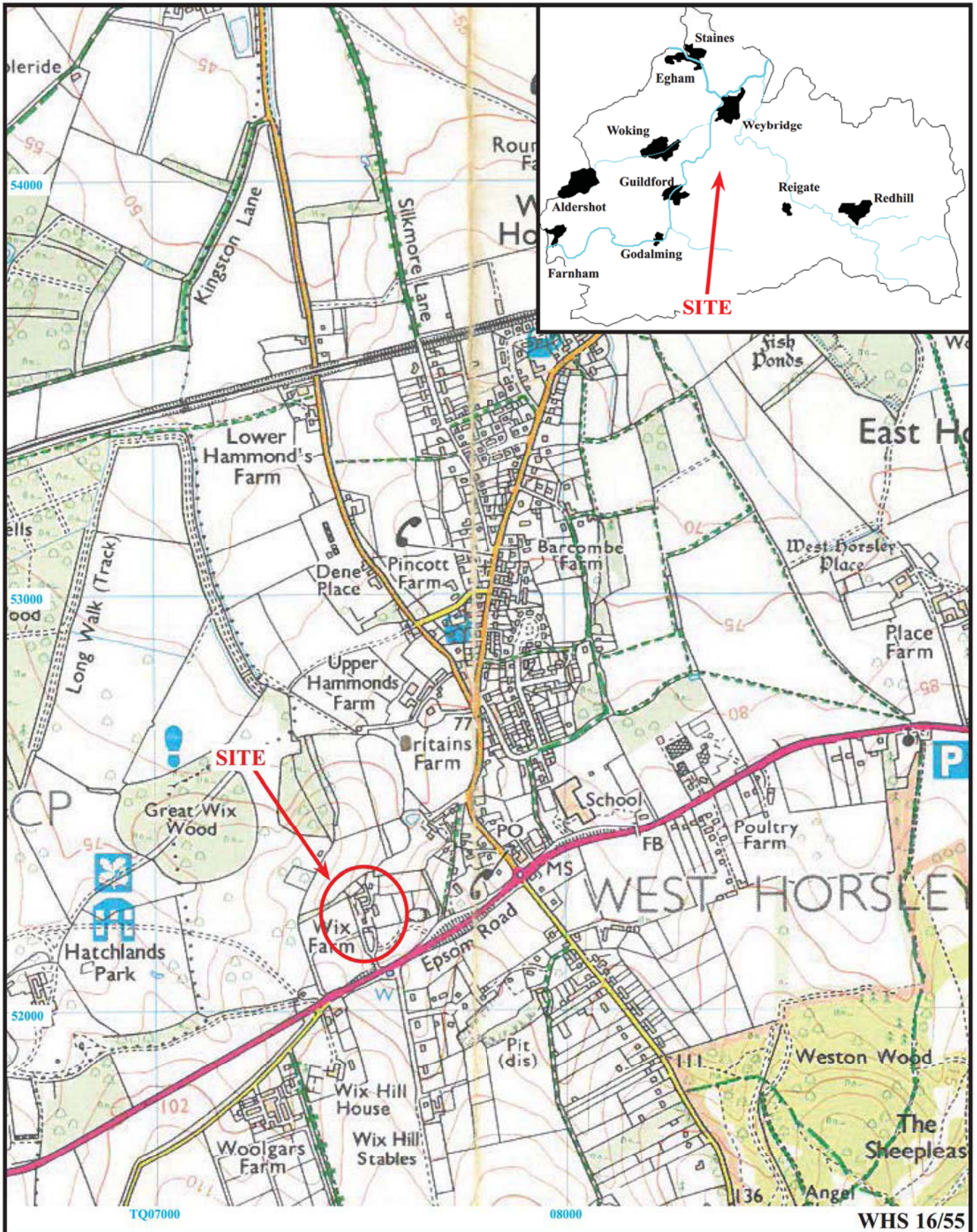
<i>Cat. No.</i>	<i>Scales</i>	<i>Location</i>	<i>Direction</i>	<i>Description</i>
1	1x1m, 1x2m	SW Barn	S	Exterior, garage and north elevation
2	-	SW Barn	E	Exterior, west and south elevation [PI. 21]
3	1x2m	SW Barn	N	Exterior, south elevation
4	1x1m, 1x2m	SW Barn	W	Exterior, east elevation
5	1x1m, 1x2m	SW Barn	SW	Exterior, garage and north elevation
6	1x1m, 1x2m	SW Barn	S	Exterior, north elevation [PI. 18]
7	1x1m, 1x2m	SW Barn	S	Waggon entrance, north elevation
8	1x1m, 1x2m	SW Barn	SE	Exterior, oblique north elevation
9	1x2m	SW Barn	N	Exterior, south elevation showing waggon entrance [PI. 20]
10	1x1m, 1x2m	SW Barn	NW	Exterior, oblique south and east elevation
11	1x1m, 1x2m	SW Barn	W	Exterior, east elevation [PI. 19]
12	1x1m, 1x2m	SW Barn	S	Exterior, door in north elevation
13	1x1m, 1x2m	SW Barn	S	Interior, waggon entrance in south wall
14	-	SW Barn	S	Interior, roof detail of waggon entrance
15	1x1m, 1x2m	SW Barn	E	Interior, view to east wall [PI. 22]
16	-	SW Barn	E	Interior, roof detail
17	1x1m, 1x2m	SW Barn	W	Interior, view to west wall
18	-	SW Barn	W	Interior, detail of trusses [PI. 25]
19	1x1m, 1x2m	SW Barn	N	Interior, timber frame detail [PI. 23]
20	1x1m, 1x2m	SW Barn	N	Interior, waggon entrance in north wall
21	1x1m, 1x2m	SW Barn	N	Interior, door cut into north wall [PI. 21]
22	-	SW Barn	E	Interior, carpenters mark 'II'
23	-	SW Barn	E	Interior, carpenters mark 'IIII'
24	-	SW Barn	E	Interior, carpenters mark 'IIII'
25	-	SW Barn	E	Interior, carpenters mark 'III' [PI. 26]
26	1x1m, 1x2m	NW Barn	NE	Exterior, oblique view NW complex [PI.1]
27	1x1m, 1x2m	NW Barn	N	Exterior, cart-shed [PI. 9]
28	1x1m, 1x2m	NW Barn	N	Exterior, store and stables [PI. 13]
29	1x1m, 1x2m	NW Barn	N	Exterior, stables and NW barn [PI. 2]
30	1x1m, 1x2m	NW Barn	E	Exterior, stables
31	1x1m, 1x2m	NW Barn	N	Exterior, oblique of stables [PI. 15]
32	1x1m, 1x2m	NW Barn	E	Exterior, west wall of cart-shed [PI. 10]
33	1x1m, 1x2m	NW Barn	E	Exterior, west wall of NW barn and rear of cart-shed [PI. 11]
34	1x1m, 1x2m	NW Barn	S	Exterior, north wall of NW barn [PI. 3]
35	1x1m, 1x2m	NW Barn	SSW	Exterior, oblique north wall of NW barn
36	1x1m, 1x2m	NW Barn	SE	Exterior, oblique north wall of NW barn
37	1x1m, 1x2m	NW Barn	W	Exterior, east wall of NW barn [PI. 4]
38	1x1m, 1x2m	NW Barn	SW	Exterior, rear of stables [PI. 16]
39	1x1m, 1x2m	NW Barn	E	Interior, cart-shed [PI. 12]
40	-	NW Barn	E	Interior, cart-shed truss detail
41	1x1m, 1x2m	NW Barn	W	Interior, cart-shed
42	1x1m	NW Barn	NE	Interior, store
43	-	NW Barn	NNW	Interior, store
44	1x2m	NW Barn	NW	Interior, stables
45	-	NW Barn	N	Interior, stables/NW barn wall
46	-	NW Barn	NE	Interior, stables, roof detail [PI. 14]
47	1x2m	NW Barn	NE	Interior, stables
48	-	NW Barn	N	Interior, stables
49	-	NW Barn	N	Interior, stables/NW barn wall
50	1x1m, 1x2m	NW Barn	W	Interior, NW barn, west wall
51	-	NW Barn	W	Interior, NW barn roof detail at west end [PI. 8]
52	1x1m, 1x2m	NW Barn	E	Interior, NW barn, modern division
53	-	NW Barn	E	Interior, NW barn trusses at east end [PI. 7]
54	1x1m, 1x2m	NW Barn	S	Interior, NW barn waggon entrance
55	-	NW Barn	S	Interior, NW barn roof detail
56	1x1m, 1x2m	NW Barn	SSE	Interior, NW barn south wall detail (lower) [PI. 5]
57	1x2m	NW Barn	SSE	Interior, NW barn south wall detail (upper)
58	1x2m	NW Barn	N	Interior, NW barn window detail in north wall [PI. 6]
59	1x1m, 1x2m	NW Barn	NNE	Interior, NW barn former waggon entrance in north wall
60	1x1m, 1x2m	NW Barn	SE	Interior, NW barn east end
61	1x1m, 1x2m	NW Barn	SE	Interior, NW barn east end
62	1x1m, 1x2m	NW Barn	NE	Interior, stables
63	1x2m	NW Barn	S	Interior, stables and roof detail [PI. 17]

B. Colour Prints

<i>Cat. No.</i>	<i>Scales</i>	<i>Location</i>	<i>Direction</i>	<i>Description</i>
1	1x1m, 1x2m	SW Barn	S	Exterior, garage and north elevation
2	-	SW Barn	E	Exterior, west and south elevation
3	1x2m	SW Barn	N	Exterior, south elevation
4	1x1m, 1x2m	SW Barn	W	Exterior, east elevation
5	1x1m, 1x2m	SW Barn	SW	Exterior, garage and north elevation
6	1x1m, 1x2m	SW Barn	S	Exterior, north elevation
7	1x1m, 1x2m	SW Barn	S	Waggon entrance, north elevation
8	1x1m, 1x2m	SW Barn	SE	Exterior, oblique north elevation
9	1x2m	SW Barn	N	Exterior, south elevation showing waggon entrance
10	1x1m, 1x2m	SW Barn	NW	Exterior, oblique south and east elevation
11	1x1m, 1x2m	SW Barn	W	Exterior, east elevation
12	1x1m, 1x2m	SW Barn	S	Exterior, door in north elevation
13	1x1m, 1x2m	SW Barn	S	Interior, waggon entrance in south wall
14	-	SW Barn	S	Interior, roof detail of waggon entrance
15	1x1m, 1x2m	SW Barn	E	Interior, view to east wall
16	-	SW Barn	E	Interior, roof detail
17	1x1m, 1x2m	SW Barn	W	Interior, view to west wall
18	-	SW Barn	W	Interior, detail of trusses
19	1x1m, 1x2m	SW Barn	N	Interior, timber frame detail
20	1x1m, 1x2m	SW Barn	N	Interior, waggon entrance in north wall
21	1x1m, 1x2m	SW Barn	N	Interior, door cut into north wall
22	-	SW Barn	E	Interior, carpenters mark 'II'
23	-	SW Barn	E	Interior, carpenters mark 'III'
24	-	SW Barn	E	Interior, carpenters mark 'III'
25	-	SW Barn	E	Interior, carpenters mark 'III'
26	1x1m, 1x2m	NW Barn	NE	Exterior, oblique view NW complex
27	1x1m, 1x2m	NW Barn	N	Exterior, cart-shed
28	1x1m, 1x2m	NW Barn	N	Exterior, store and stables
29	1x1m, 1x2m	NW Barn	N	Exterior, stables and NW barn
30	1x1m, 1x2m	NW Barn	E	Exterior, stables
31	1x1m, 1x2m	NW Barn	N	Exterior, oblique of stables
32	1x1m, 1x2m	NW Barn	E	Exterior, west wall of cart-shed
33	1x1m, 1x2m	NW Barn	E	Exterior, west wall of NW barn and rear of cart-shed
34	1x1m, 1x2m	NW Barn	S	Exterior, north wall of NW barn
35	1x1m, 1x2m	NW Barn	SSW	Exterior, oblique north wall of NW barn
36	1x1m, 1x2m	NW Barn	SE	Exterior, oblique north wall of NW barn
37	1x1m, 1x2m	NW Barn	W	Exterior, east wall of NW barn
38	1x1m, 1x2m	NW Barn	SW	Exterior, rear of stables
39	1x1m, 1x2m	NW Barn	E	Interior, cart-shed
40	-	NW Barn	E	Interior, cart-shed truss detail
41	1x1m, 1x2m	NW Barn	W	Interior, cart-shed
42	1x1m	NW Barn	NE	Interior, store
43	-	NW Barn	NNW	Interior, store
44	1x2m	NW Barn	NW	Interior, stables
45	-	NW Barn	N	Interior, stables/NW barn wall
46	-	NW Barn	NE	Interior, stables, roof detail
47	1x2m	NW Barn	NE	Interior, stables
48	-	NW Barn	N	Interior, stables
49	-	NW Barn	N	Interior, stables/NW barn wall
50	1x1m, 1x2m	NW Barn	W	Interior, NW barn, west wall
51	-	NW Barn	W	Interior, NW barn roof detail at west end
52	1x1m, 1x2m	NW Barn	E	Interior, NW barn, modern division
53	-	NW Barn	E	Interior, NW barn trusses at east end
54	1x1m, 1x2m	NW Barn	S	Interior, NW barn waggon entrance
55	-	NW Barn	S	Interior, NW barn roof detail
56	1x1m, 1x2m	NW Barn	SSE	Interior, NW barn south wall detail (lower)
57	1x2m	NW Barn	SSE	Interior, NW barn south wall detail (upper)
58	1x2m	NW Barn	N	Interior, NW barn window detail in north wall
59	1x1m, 1x2m	NW Barn	NNE	Interior, NW barn former waggon entrance in north wall
60	1x1m, 1x2m	NW Barn	SE	Interior, NW barn east end
61	1x1m, 1x2m	NW Barn	SE	Interior, NW barn east end
62	1x1m, 1x2m	NW Barn	NE	Interior, stables
63	1x2m	NW Barn	S	Interior, stables and roof detail

C. Monochrome Images

<i>Cat. No.</i>	<i>Scales</i>	<i>Location</i>	<i>Direction</i>	<i>Description</i>
1	1x1m, 1x2m	SW Barn	S	Exterior, garage and north elevation
2	-	SW Barn	E	Exterior, west and south elevation
3	1x2m	SW Barn	N	Exterior, south elevation
4	1x1m, 1x2m	SW Barn	W	Exterior, east elevation
5	1x1m, 1x2m	SW Barn	SW	Exterior, garage and north elevation
6	1x1m, 1x2m	SW Barn	S	Exterior, north elevation
7	1x1m, 1x2m	SW Barn	S	Waggon entrance, north elevation
8	1x1m, 1x2m	SW Barn	SE	Exterior, oblique north elevation
9	1x2m	SW Barn	N	Exterior, south elevation showing waggon entrance
10	1x1m, 1x2m	SW Barn	NW	Exterior, oblique south and east elevation
11	1x1m, 1x2m	SW Barn	W	Exterior, east elevation
12	1x1m, 1x2m	SW Barn	S	Exterior, door in north elevation
13	1x1m, 1x2m	SW Barn	S	Interior, waggon entrance in south wall
14	-	SW Barn	S	Interior, roof detail of waggon entrance
15	1x1m, 1x2m	SW Barn	E	Interior, view to east wall
16	-	SW Barn	E	Interior, roof detail
17	1x1m, 1x2m	SW Barn	W	Interior, view to west wall
18	-	SW Barn	W	Interior, detail of trusses
19	1x1m, 1x2m	SW Barn	N	Interior, timber frame detail
20	1x1m, 1x2m	SW Barn	N	Interior, waggon entrance in north wall
21	1x1m, 1x2m	SW Barn	N	Interior, door cut into north wall
22	-	SW Barn	E	Interior, carpenters mark 'II'
23	-	SW Barn	E	Interior, carpenters mark 'III'
24	-	SW Barn	E	Interior, carpenters mark 'III'
25	-	SW Barn	E	Interior, carpenters mark 'III'
26	1x1m, 1x2m	NW Barn	NE	Exterior, oblique view NW complex
27	1x1m, 1x2m	NW Barn	N	Exterior, cart-shed
28	1x1m, 1x2m	NW Barn	N	Exterior, store and stables
29	1x1m, 1x2m	NW Barn	N	Exterior, stables and NW barn
30	1x1m, 1x2m	NW Barn	E	Exterior, stables
31	1x1m, 1x2m	NW Barn	N	Exterior, oblique of stables
32	1x1m, 1x2m	NW Barn	E	Exterior, west wall of cart-shed
33	1x1m, 1x2m	NW Barn	E	Exterior, west wall of NW barn and rear of cart-shed
34	1x1m, 1x2m	NW Barn	S	Exterior, north wall of NW barn
35	1x1m, 1x2m	NW Barn	SSW	Exterior, oblique north wall of NW barn
36	1x1m, 1x2m	NW Barn	SE	Exterior, oblique north wall of NW barn
37	1x1m, 1x2m	NW Barn	W	Exterior, east wall of NW barn
38	1x1m, 1x2m	NW Barn	SW	Exterior, rear of stables
39	1x1m, 1x2m	NW Barn	E	Interior, cart-shed
40	-	NW Barn	E	Interior, cart-shed truss detail
41	1x1m, 1x2m	NW Barn	W	Interior, cart-shed
42	1x1m	NW Barn	NE	Interior, store
43	-	NW Barn	NNW	Interior, store
44	1x2m	NW Barn	NW	Interior, stables
45	-	NW Barn	N	Interior, stables/NW barn wall
46	-	NW Barn	NE	Interior, stables, roof detail
47	1x2m	NW Barn	NE	Interior, stables
48	-	NW Barn	N	Interior, stables
49	-	NW Barn	N	Interior, stables/NW barn wall
50	1x1m, 1x2m	NW Barn	W	Interior, NW barn, west wall
51	-	NW Barn	W	Interior, NW barn roof detail at west end
52	1x1m, 1x2m	NW Barn	E	Interior, NW barn, modern division
53	-	NW Barn	E	Interior, NW barn trusses at east end
54	1x1m, 1x2m	NW Barn	S	Interior, NW barn waggon entrance
55	-	NW Barn	S	Interior, NW barn roof detail
56	1x1m, 1x2m	NW Barn	SSE	Interior, NW barn south wall detail (lower)
57	1x2m	NW Barn	SSE	Interior, NW barn south wall detail (upper)
58	1x2m	NW Barn	N	Interior, NW barn window detail in north wall
59	1x1m, 1x2m	NW Barn	NNE	Interior, NW barn former waggon entrance in north wall
60	1x1m, 1x2m	NW Barn	SE	Interior, NW barn east end
61	1x1m, 1x2m	NW Barn	SE	Interior, NW barn east end
62	1x1m, 1x2m	NW Barn	NE	Interior, stables
63	1x2m	NW Barn	S	Interior, stables and roof detail



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Figure 1. Location of site within West Horsley and Surrey.

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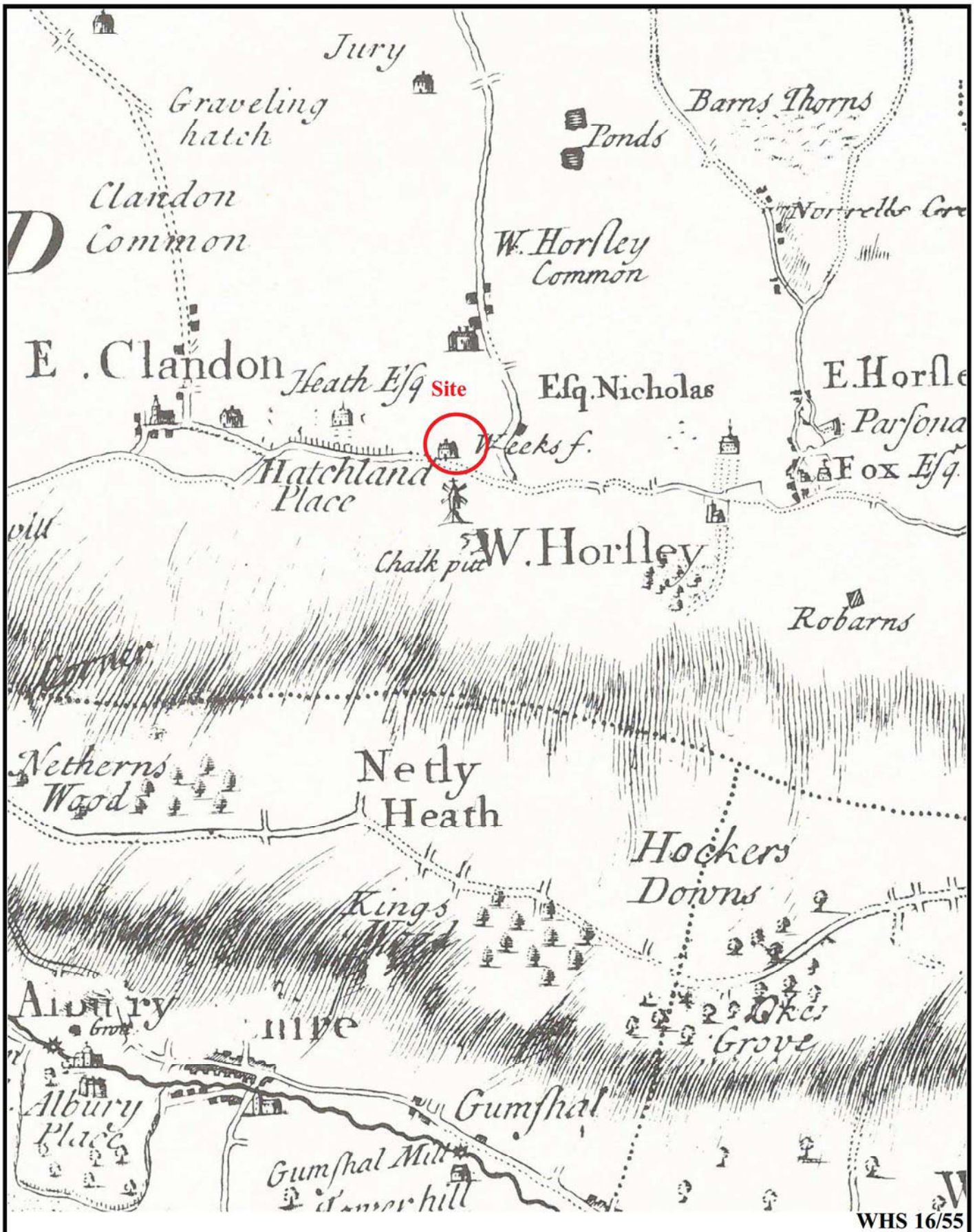


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Figure 2. Detailed location of site at Wix Farm.

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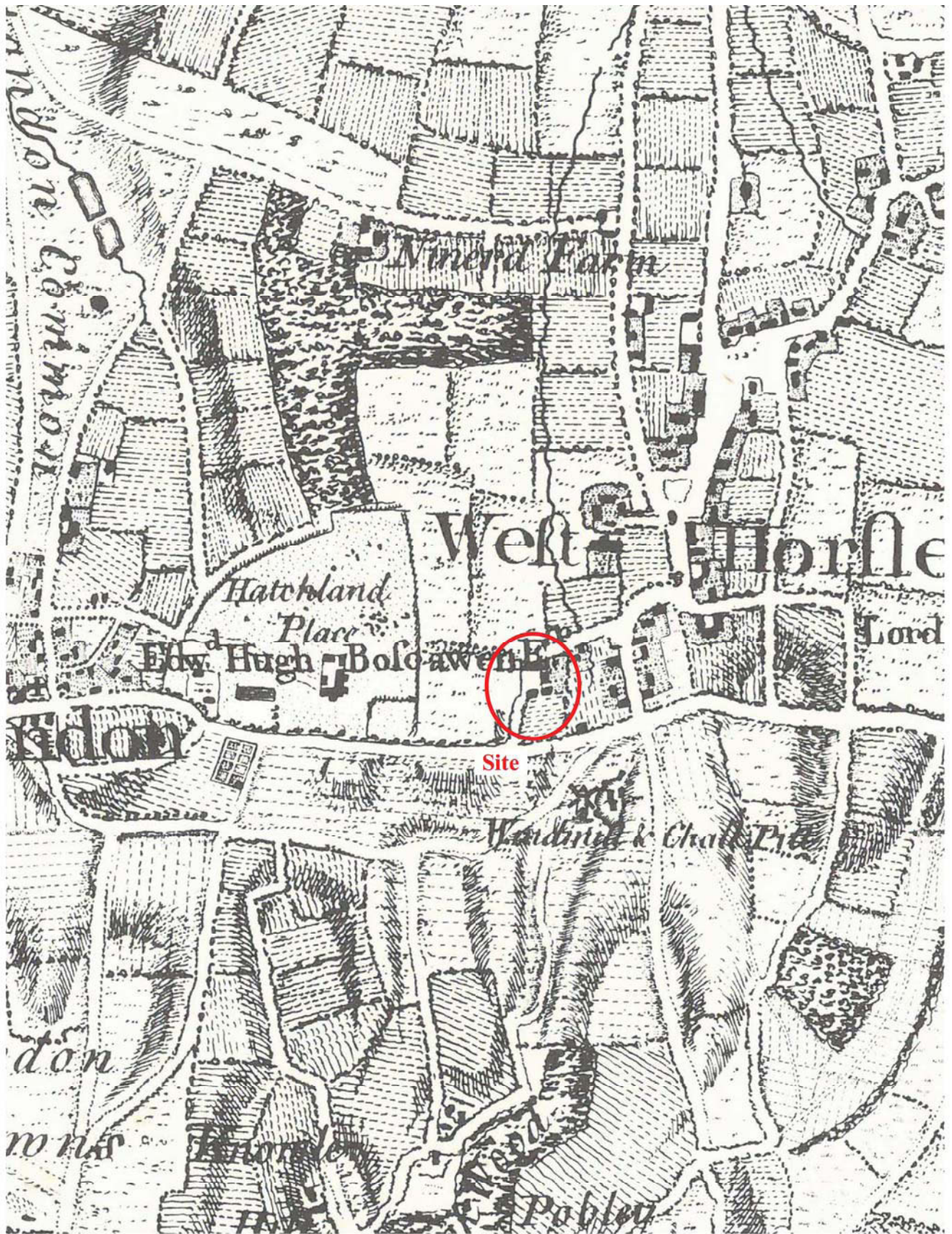
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Figure 3. Senex's map of Surrey, 1729.

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Figure 4. Roque's map of Surrey, 1768.

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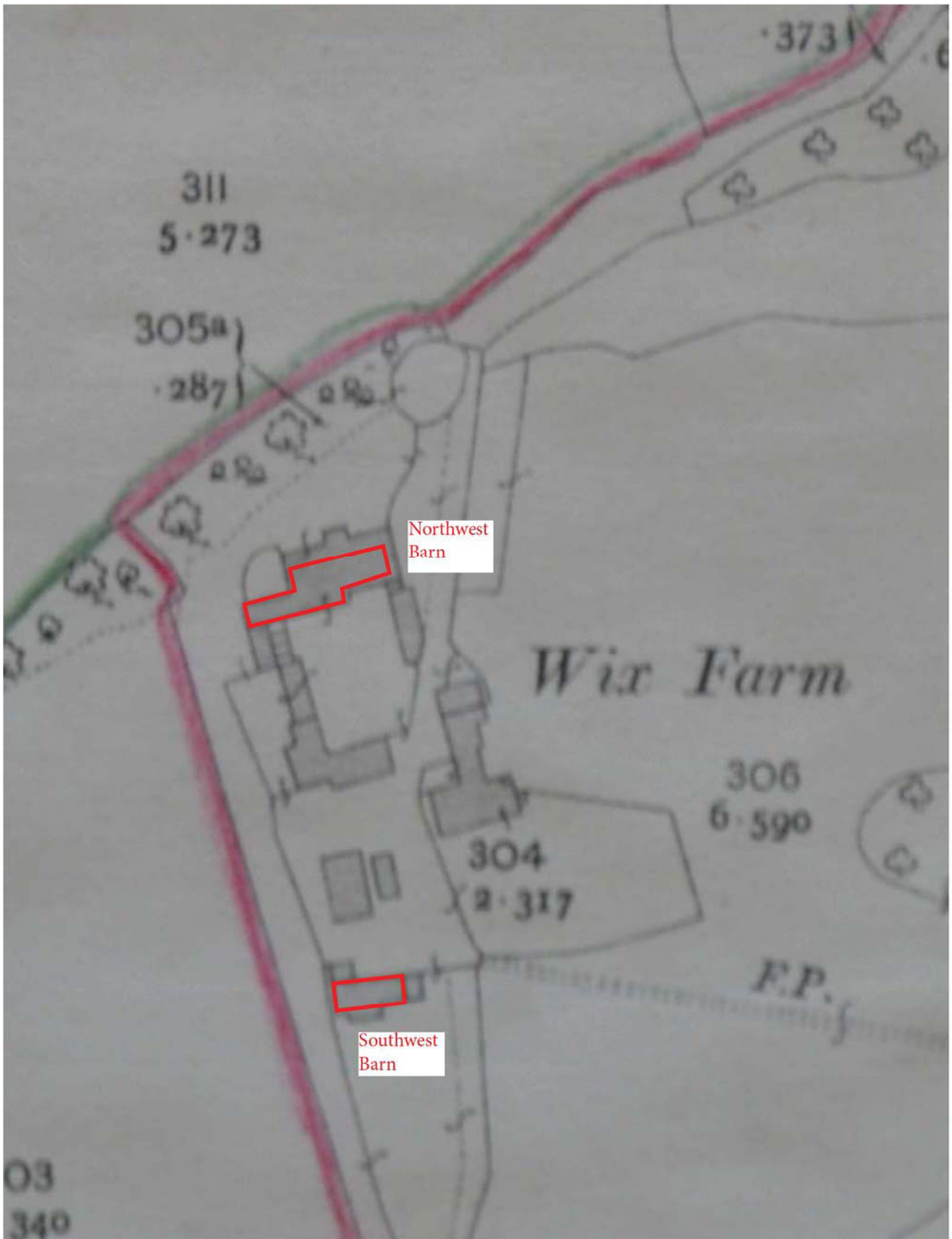
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Figure 5. West Horsley parish map, 1803.

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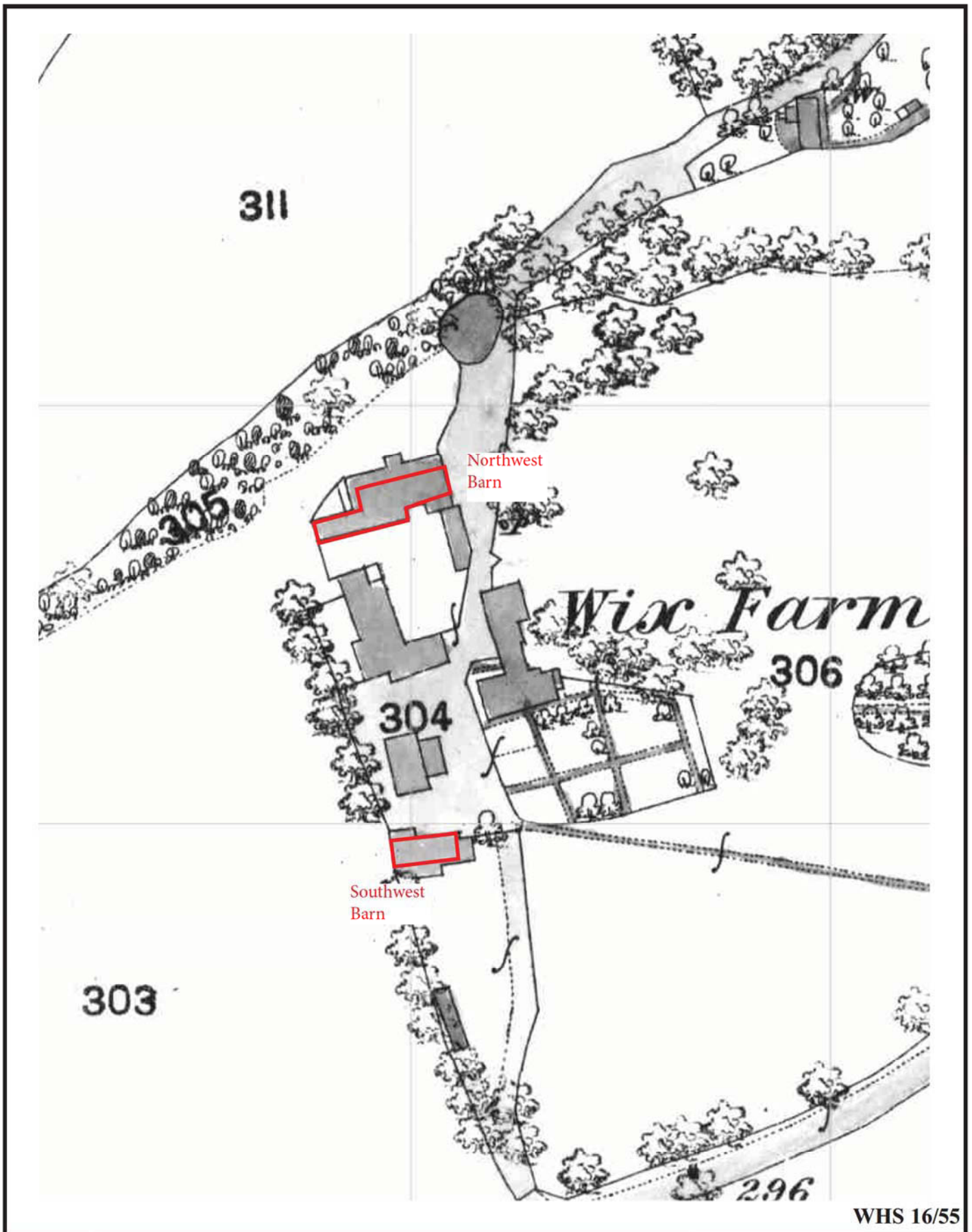
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Figure 6. West Horsley Tithe Map, 1839.

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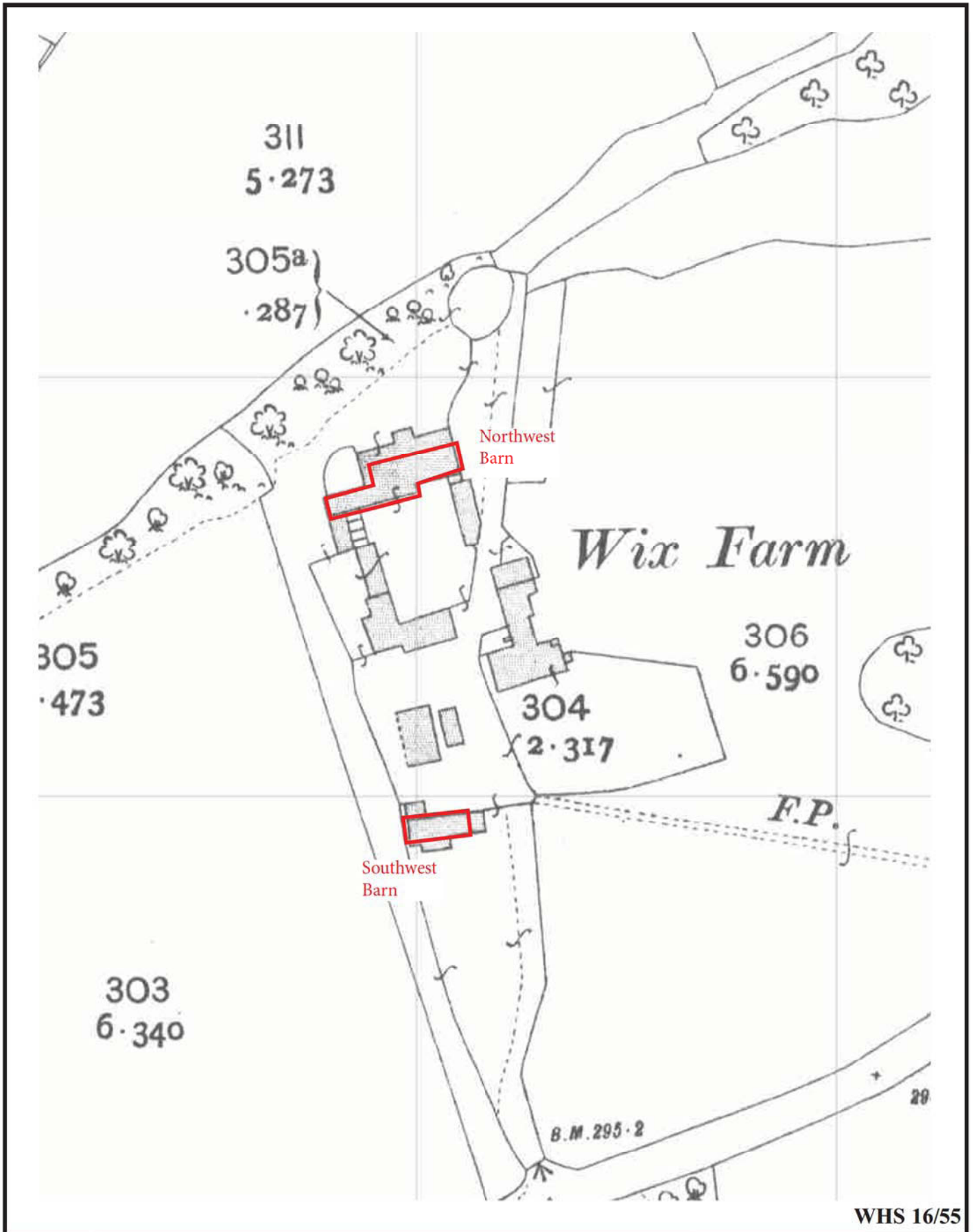
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Figure 7. 1st Edition Ordnance Survey, 1871.

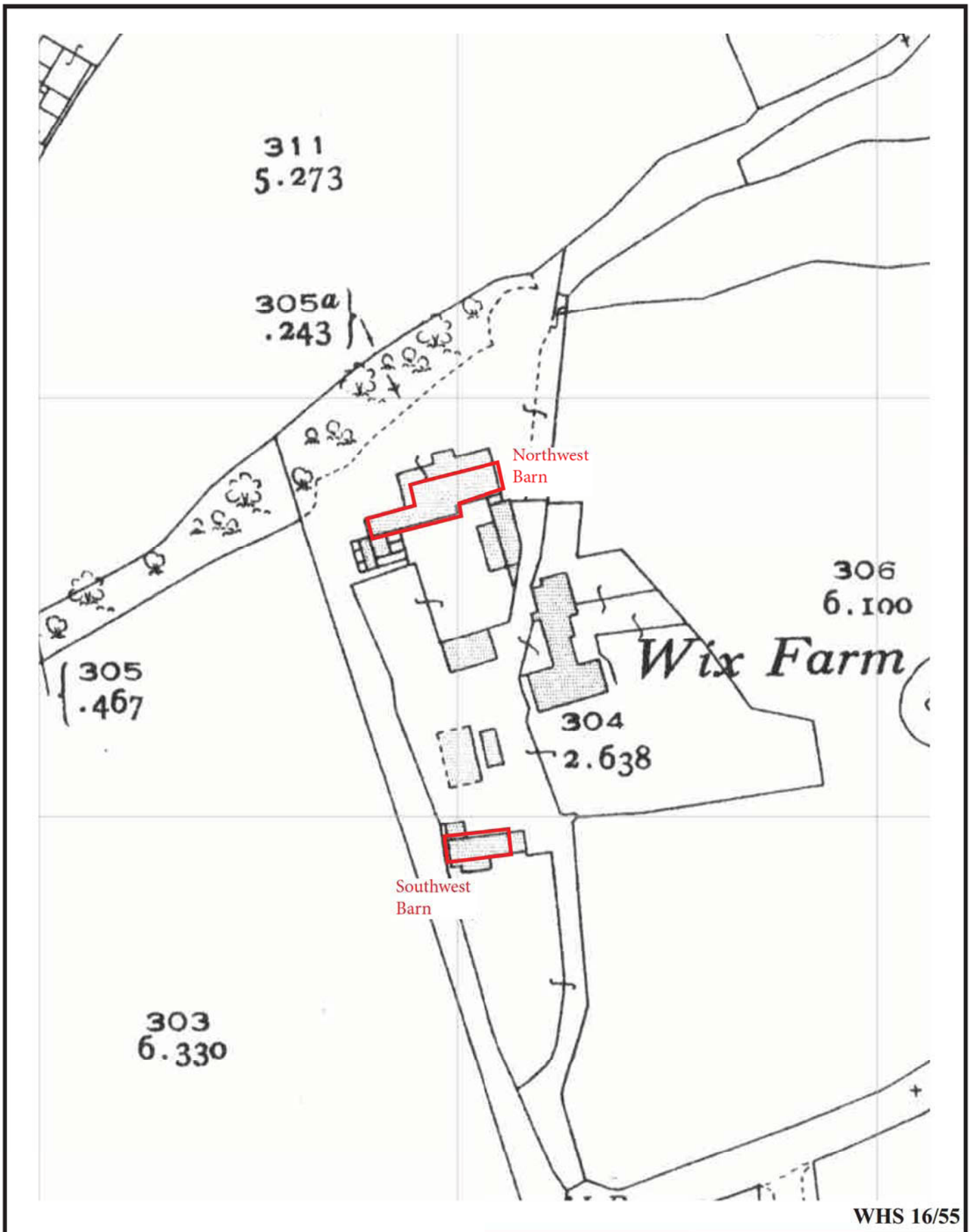
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Figure 8. Ordnance Survey, 1914.

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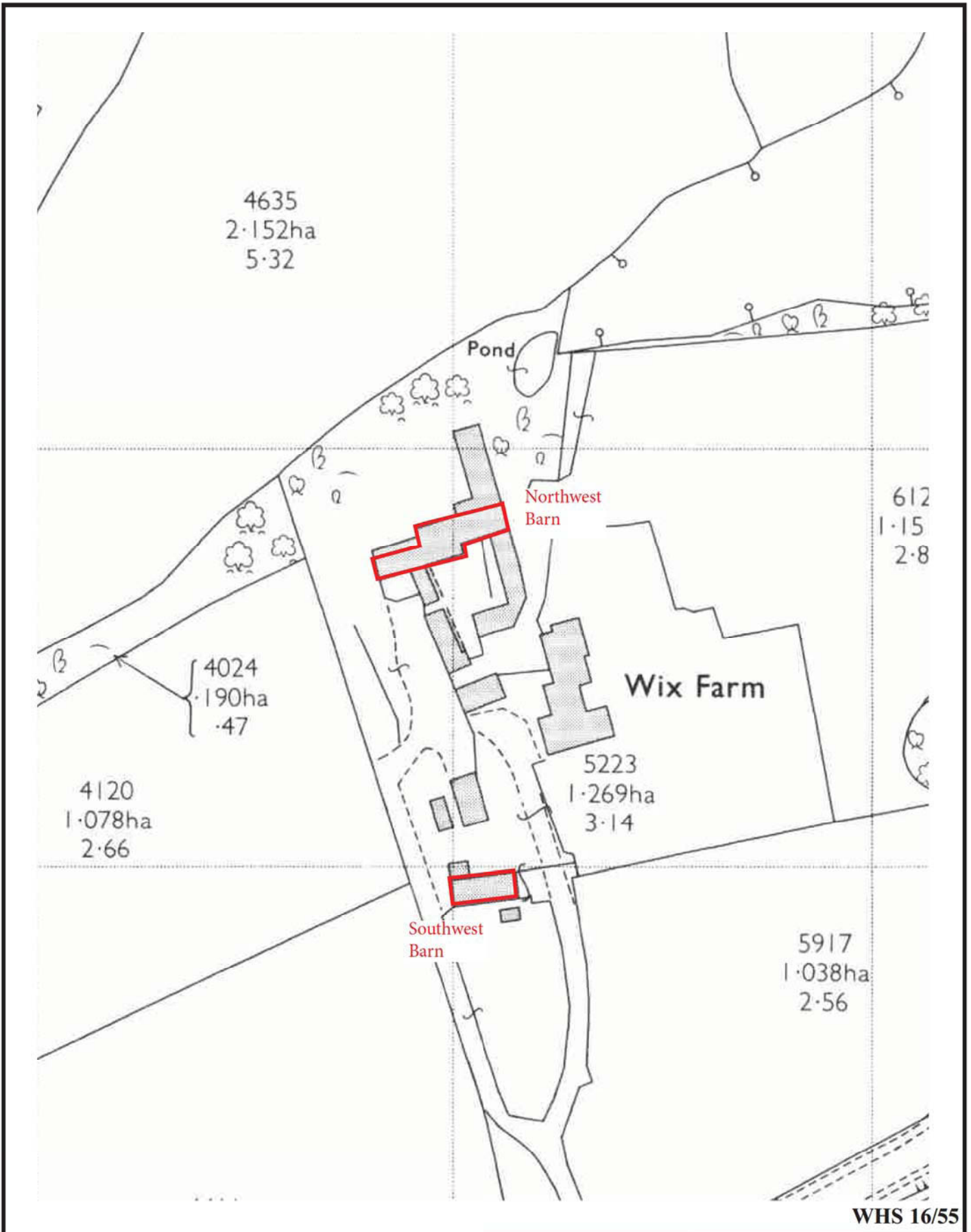


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Figure 9. Ordnance Survey, 1934.

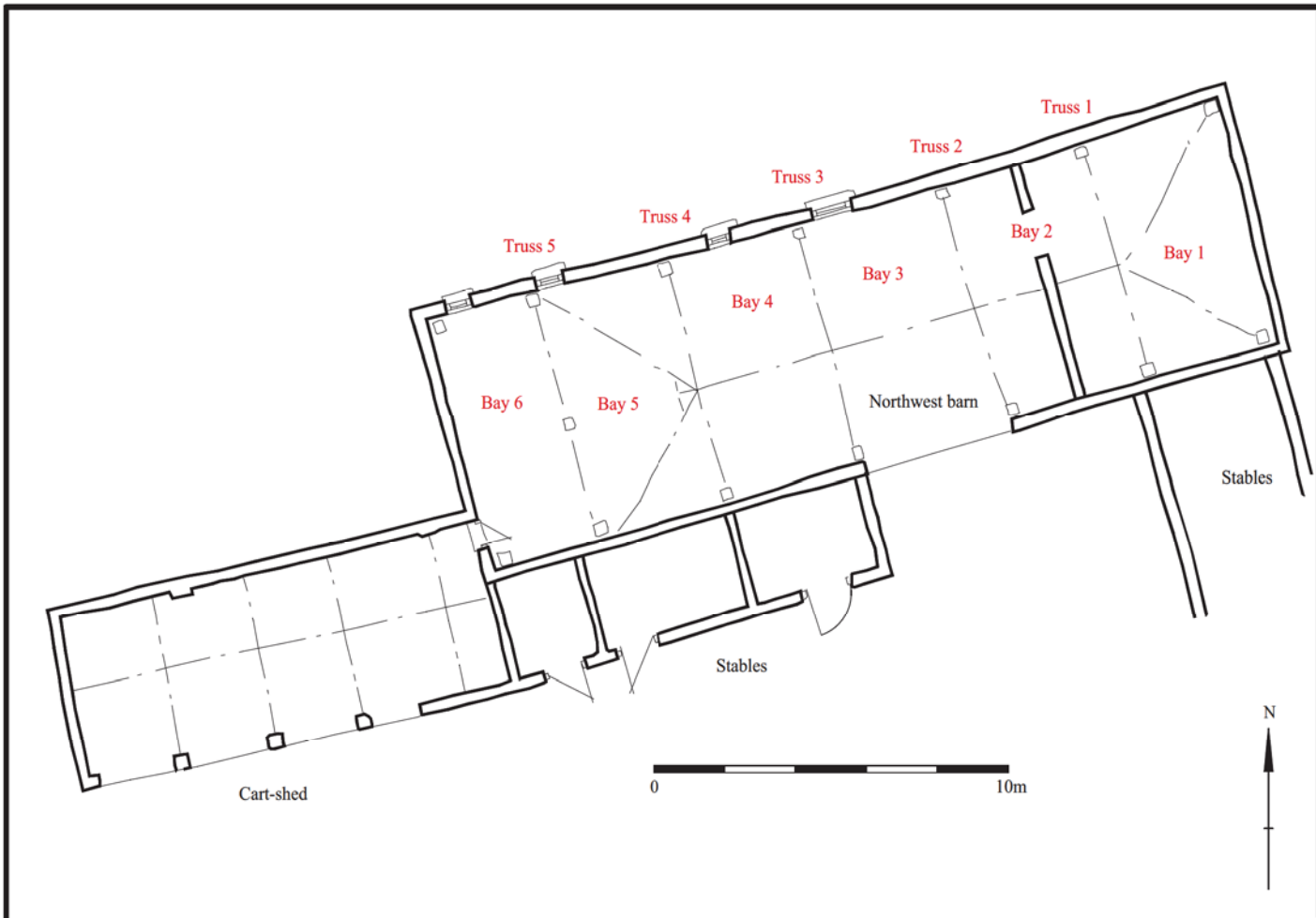




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Figure 10. Ordnance Survey, 1972.

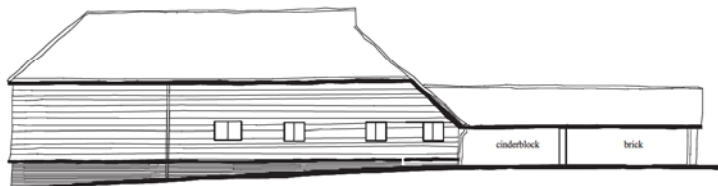




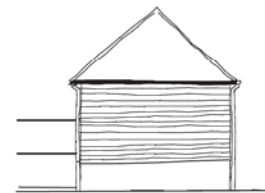
South elevation



West elevation



North elevation



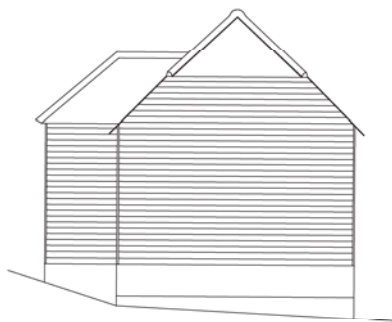
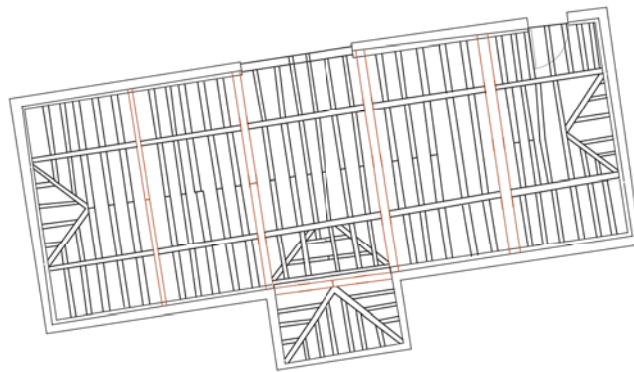
East elevation



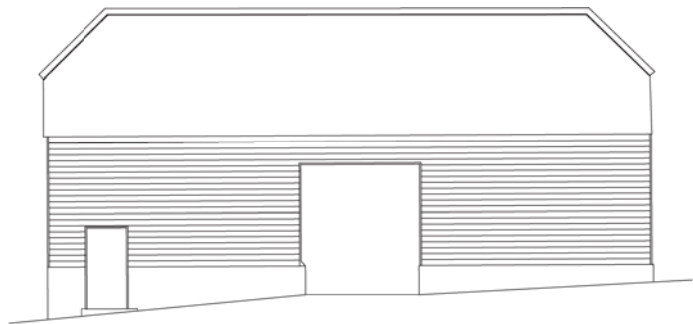
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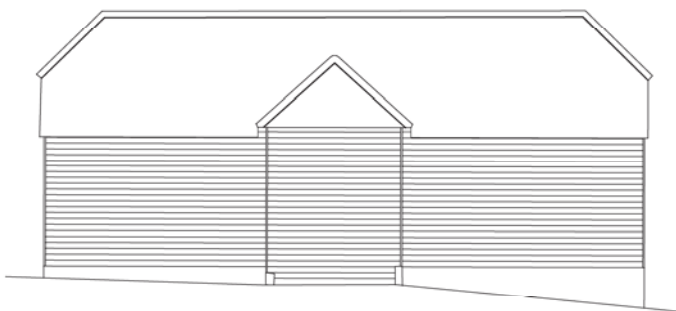
Figure 11. Detailed plan and elevations of Northwest barn.



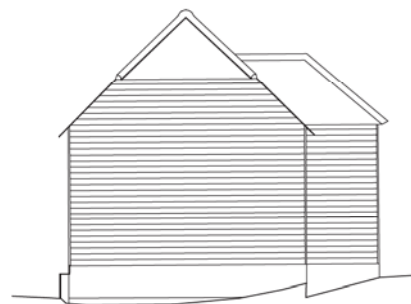
East elevation



North elevation



South elevation



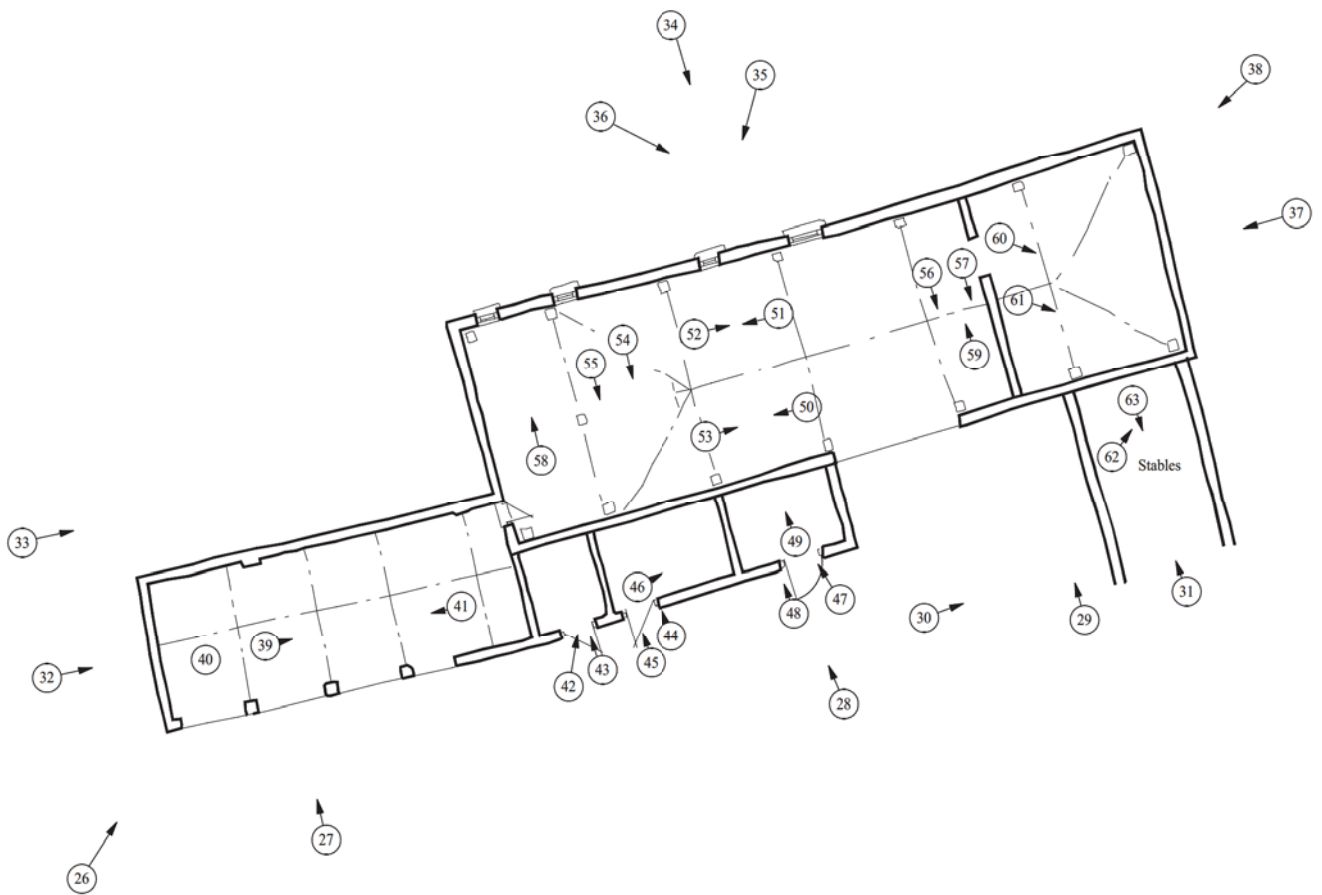
West elevation



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Figure 12. Detailed plan and elevations of Southwest barn.



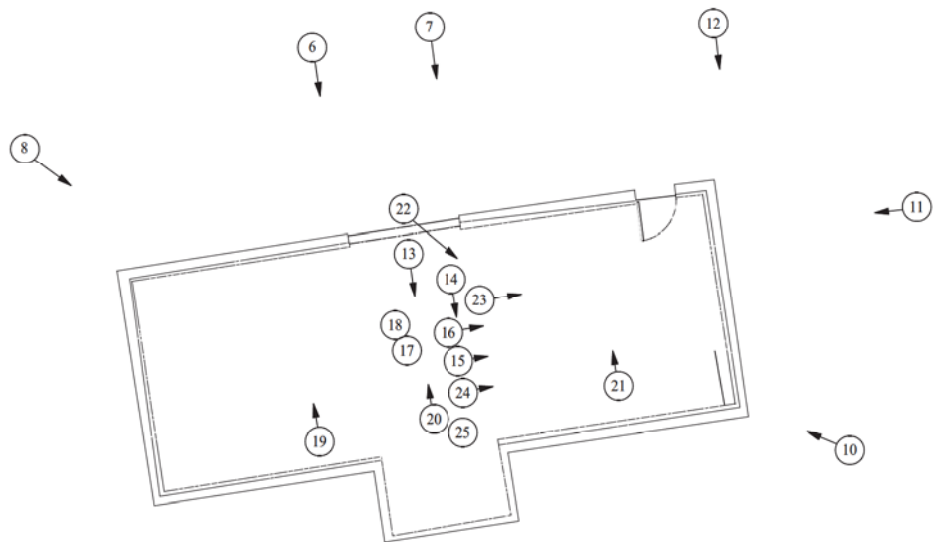
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Figure 13. Photographic locations and directions of view for Northern barn.

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Figure 14. Positions and points of view of photos of South Barn.

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Plate 1. Oblique view of the northwest complex, looking northeast, Scales: 2m and 1m.



Plate 2. Stables and northwest barn, looking north, Scales: 2m and 1m.



Plate 3. North wall of northwest barn, looking south, Scales: 2m and 1m.



Plate 4. East wall of northwest barn, looking west, Scales: 2m and 1m.

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Plates 1 - 4.

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Plate 5. Northwest barn south wall detail (lower), looking south-southeast, Scales: 2m and 1m.



Plate 6. Northwest barn, window detail in north wall, looking north, Scales: 2m.



Plate 7. Northwest barn, trusses at east end, looking east.



Plate 8. Northwest barn, trusses at west end, looking west.

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Plates 5 - 8.

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Plate 9. Cart-shed, looking north, Scales: 2m and 1m.



Plate 10. West wall of Cart-shed, looking east, Scales: 2m and 1m.



Plate 11. West wall of NW barn and rear of cart-shed, looking east, Scales: 2m and 1m..



Plate 12. Interior of the cart-shed, looking east, Scales: 2m and 1m.

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Plates 9 - 12.**

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Plate 13. Store and stables, looking north,
Scales: 2m and 1m.



Plate 14. Stables, roof detail, looking northeast.



Plate 15. Oblique of stable block, looking north,
Scales: 2m and 1m..



Plate 16. Rear of stable block, looking southwest,
Scales: 2m and 1m.

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Plates 13 - 16.**

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Plate 17. Interior of stables and roof detail, looking south,
Scales: 2m.



Plate 18. Southwest barn, north elevation, looking south,
Scales: 2m and 1m.



Plate 19. Southwest barn, east elevation, looking west,
Scales: 2m and 1m..



Plate 20. Southwest barn, south elevation showing waggon
entrance, looking north, Scales: 2m and 1m.

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Plates 17 - 20.

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Plate 21. Southwest barn, west and south elevation, looking east.



Plate 22. Southwest barn, view to east wall, looking east, Scales: 2m and 1m.



Plate 23. Southwest barn, timber frame detail, looking north, Scales: 2m and 1m..



Plate 24. Southwest barn, door inserted in north wall, looking north, Scales: 2m and 1m.

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Plates 21 - 24.

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Plate 25. Southwest barn, detail of trusses, looking west.



Plate 26. Southwest barn, carpenters mark 'III', looking east.

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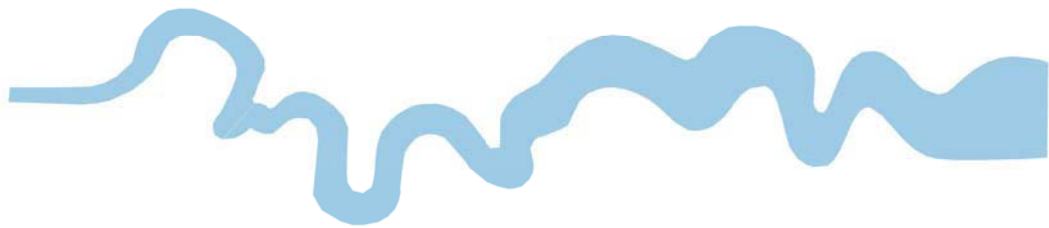
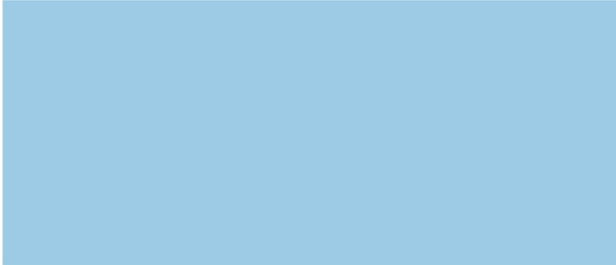
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Plates 25 - 26.

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TIME CHART

	Calendar Years
Modern _____	AD 1901
Victorian _____	AD 1837
Post Medieval _____	AD 1500
Medieval _____	AD 1066
Saxon _____	AD 410
Roman _____	AD 43
Iron Age _____	BC/AD 750 BC
Bronze Age: Late -----	1300 BC
Bronze Age: Middle -----	1700 BC
Bronze Age: Early -----	2100 BC
Neolithic: Late	3300 BC
Neolithic: Early	4300 BC
Mesolithic: Late	6000 BC
Mesolithic: Early	10000 BC
Palaeolithic: Upper	30000 BC
Palaeolithic: Middle	70000 BC
Palaeolithic: Lower	2,000,000 BC





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