

Barnsley West

HEDGEROW REGULATIONS 1997 SURVEY AND HEDGEROW
ASSESSMENT

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EXECUTIVE SUMMARY

Contents	Summary
Site Location	The site is shown in Figure 1 and is centred on Ordnance Survey National Grid reference SE 31630710. The site is bounded to the north by Barugh Green Road (A635); to the south by the M1; to the west by the linear settlement of Higham; and to the east by the settlements of Gawber and Pogmoor. The site is divided into two main areas, by Hermit Lane running between Higham and Gawber.
Proposals	The proposed development comprises a mixed-use development to provide up to 1,900 new homes and 172,000 sq.m of employment land. Remodelling of the site (via a 'cut and fill') will also be required at the outset, to enable to the formation of development platforms.
Scope of this Survey	The scope of this is to under a Hedgerow Regulations 1997 assessment (DEFRA, 2007) to examine criterion 1- 5 which include archaeology and ecology to assess if a hedgerow is classified as an "important" hedgerow.
Results	Seventeen hedgerows (H2a, H4, H4a, H9, H15, H15a, H17a, H17b, H21, H22, H22a, H23, H26, H28, H33, H34 and H35) were considered 'Important', meeting a number of the criteria (Archaeology and History).
Recommendations	<ul style="list-style-type: none"> • Any pre-enclosure hedges which are retained should have gaps filled with a range of native hedging species. • Standard trees in pre-enclosure hedges should be sympathetically trimmed, pollarded or coppiced as appropriate • Any pre-enclosure hedges which are retained should be layed and cut with an "A" profile to preserve structure and integrity. • The scrubby northward continuation to Hedge H4 should be preserved, where possible, as a remnant of the original vegetation on Pog Moor.

GLOSSARY

DEFRA	Department for the Environment, Food and Rural Affairs
Hedgerow Regulations	The Hedgerow Regulations 1997
LPA	Local Planning Authority

1.0 INTRODUCTION

1.1 BACKGROUND

Tetra Tech was commissioned by Strata Sterling Barnsley West Limited on 22nd March 2021 to undertake a Hedgerow Regulations 1997 survey, against the Archaeology and History criteria, of the site known as Barnsley West.

This report has been prepared by Samantha Hilton, Archaeological Consultant, Tetra Tech and Dr Paul Tubb, Senior Consultant, Tetra Tech.

1.2 SITE LOCATION

The site is shown in Figure 1 and is centred on Ordnance Survey National Grid reference SE 3163 0710. The site is bounded to the north by Barugh Green Road (A635); to the south by the M1; to the west by the linear settlement of Higham; and to the east by the settlements of Gawber and Pogmoor. The site is divided into two main areas, by Hermit Lane running between Higham and Gawber.

1.3 DEVELOPMENT PROPOSALS

The proposed development comprises a mixed-use development to provide up to 1,900 new homes and 172,000 sq.m of employment land. In addition, the proposals will provide:

- Part of the Link Road between M1, Junction 37 and the A635, Barugh Green Road;
- A new primary school;
- Small local shops and community facilities; and
- Strategic areas of greenspace and wildlife corridors.

Remodelling of the site (via a 'cut and fill') will also be required at the outset, to enable to the formation of development platforms.

1.4 PURPOSE OF THE REPORT

The purpose of this report is to complete:

- A desk study to obtain existing information relating to archaeological factors (criteria 1-5 and 8) which would make a hedgerow classify as "Important", as per the Hedgerow Regulation 1997 assessment.
- A site visit to assess ecological factors (criteria 6-7) which would make a hedgerow classified as "important" as per the Hedgerow Regulation 1997 assessment.

A summary of the key legislation is also provided in Appendix C.

2.0 METHODOLOGY

2.1 DESK STUDY

A search of the South Yorkshire Historic Environment Record has been undertaken as part of the preparation of the assessment. A study area of 1km was used.

Designated Assets within the 1km study area include five Grade II Listed Buildings. The Barn Attached to the North side of Royd Hill Farmhouse dates from the medieval and post-medieval period and is located 0.41km to the north-west of the application site (1151770). The remaining Grade II Listed Buildings, Milepost date from the Industrial period, with one Milepost, SE 31508 07963 - Milepost approximately 500 Metres West of Junction With Claycliffe Road - is located within the north of the application site (1151794).

The South Yorkshire Historic Environment Record holds details for 15 non-designated assets and 12 Events within the 1km study area.

Three assets dating to the prehistoric period have been identified within the study area, these include: a number of Mesolithic type flints 0.74km to the south-west of the application site (MSY4183); a number of probable Iron Age to Romano-British enclosures to the south-east of the study area (MSY12368), and a probable prehistoric enclosure identified through excavation 0.25km to the south-west of the application site (MSY13110).

One asset dating to the Roman period has been identified within the study area, two coins, one bronze Autoruanus of Tetricus and a Gillion Tetradracham, located to the east of the study area (MSY6764).

Two assets dating to the medieval period have been identified within the study area: a carved stone head dating to the medieval period located within the north-west of the application site (Craven Opencast Coal Site) (MSY15), and an area of Ridge and Furrow identified to the south-west of the study area (MSY12549).

Two assets dating to the post-medieval period have been identified within the study area: a timber-framed house 0.57km to the east of the application site (MSY3990), and the Site of Lane Head Farm documented between the 12th and 14th centuries, located some 0.30km to the south-west of the application site (MSY13109). An Elizabethan Coin was also identified 0.52km to the west of the application site (MSY11211).

Four assets dating between the post-medieval and Industrial period have been identified within the study area, these include: Gawber Glasshouse dating from the late 17th century with Gawber Glasshouse Slag Heap 0.40km to the east of the application site (MSY5751, MSY5752); a timber-framed Barn, located 0.33km to the north-west of the application site (MSY4769), and the Barnsley Canal to the north of the study area (MSY5993).

Two assets dating to the Industrial period have been identified within the study area, these include a Bleachworks and Linen Mill (Redbrook) 0.16km to the east of the application site (MSY12120), and an area of poorly preserved shaft mounds to the west of the study area (MSY13360).

Historic Mapping

The Barnsley Local Plan Proposed Allocation Sites Assessment (Wessex Archaeology, 2015), prepared by Wessex Archaeology, states that :

The HEC records the present character of the Site as being split between numerous character areas. The largest character area is recorded as Enclosed Land: Surveyed Enclosure (Parliamentary/Private) 1960-2003 with an invisible historic character of Extractive: Open Cast Coal Mine 1942- 1959 and Enclosed Land: Assarts 1066-1941. This large section is assigned to the Surveyed Enclosure character zone. The remainder of the Site is split between Enclosed Land: Assarts 1066-2003 with a

partial historic character of Woodland: Ancient Woodland 410-1065; Enclosed Land: Surveyed Enclosure (Parliamentary/ Private) 1960-2003 with an invisible historic character of Extractive: Open Cast Coal Mine 1942-1959; and Enclosed Land: Surveyed Enclosure (Parliamentary/ Private) 1823-2003 with an invisible historic character of Unenclosed Land: Commons and greens 1066-1822. The remainder of the Site is split between the Surveyed Enclosures and Assorted Enclosure character zones. Comparison of historic OS maps indicates that the Site was split across numerous fields and included two wooded areas. By the 1890s OS map several of the field boundaries had been removed and the name of one of the woods had been changed from 'Rhodes Wood' to 'Velvet Wood'. Adjacent to the western boundary of the Site the village of Higham had been extended to the south. Little changes within the Site until the 1960 OS map when the Site was used for opencast mining, removing the field boundaries, 'Velvet Wood' and the majority of 'Craven Wood'. By the 1969 OS map opencast mining had ceased on the Site and new fields and field boundaries had been established. Little changes within the Site for the remainder of the 20th century. (Wessex Archaeology, 2015)

Copies of Historic Mapping held by the Barnsley Archives have also been obtained.

2.2 SITE VISIT

An archaeological site visit was undertaken on 12th May 2021 by Tetra Tech Archaeological Consultant, Dr Paul Tubb.

A hedgerow is defined as any 'boundary line of trees or shrubs over 20 m long and less than 5 m wide between major woody stems at the base, provided that at one time the trees or shrubs were more or less continuous' (DEFRA, 2007). To comply with the Hedgerow Regulations 1997, the hedge must be at least 20 m long or if less then, at each end, meets (whether by intersection or junction) another hedgerow. Hedges within curtilage are specifically excluded from the Hedgerow Regulations. The hedges surveyed are shown in Figure 6.

2.2.1 Archaeology and History

The hedgerows were assessed in a number of ways, including the age of hedge (more than 30 years old or not), which was assessed in the field from the estimated age of trees/shrubs in the field and checked from boundaries shown on historic Ordnance Survey maps on the National Library of Scotland website (<https://maps.nls.uk/view/102345145>: accessed 20/05/21). In practice most Ordnance Survey maps do not show if hedges were present on boundaries or not, but if a boundary was shown on the map and it currently has a hedge, it is assumed that the hedge has been present since the boundary was mapped. The Hedgerow Regulations assume hedges to be more than 30 years old, unless evidence is provided to the contrary.

There are five archaeological criterion (1-5) which hedgerows are assessed against are as follows:

Criterion 1: Parish boundaries were taken from 1:25,000 Ordnance Survey Maps and maps from the Barnsley Archives (<https://osmaps.ordnancesurvey.co.uk/53.55979,-1.52149,17>: accessed 10/05/21).

Criterion 2: Records for Scheduled Monuments were checked on the Historic England Data.

Criterion 3-5: Check for archaeological sites, pre-1600 manors and pre-enclosure field systems relating to the hedges were checked against archaeological and historical data. There is no consistency in methods of mapping hedges on many historical maps, so they have been interpreted in light of other boundary symbols used.

Using the above methods, in conjunction with a site visit, the importance of the hedgerows has been assessed, in line with the Hedgerow Regulations criteria.

2.3 LIMITATIONS

Note that the recommendations within this report should be reviewed (and reassessed if necessary) should there be any changes to the red line boundary or development proposals which this report was based on.

Please also note that for copyright reasons, the archive maps cannot be reproduced.

3.0 RESULTS

3.1 ARCHAEOLOGY AND HISTORY

Additional archaeological information has been included within Appendix B, with the results of the survey summarised in Tables 2-43 below.

Table 2: Results of Hedgerow H1 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, gappy, enclosure period hedge

Table 3: Results of Hedgerow H2 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 4: Results of Hedgerow H2a Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Parish boundary present on maps and line of hedge still follows it
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Unconformable plan of hedge relates to pre-enclosure parish boundary rather than enclosure field pattern.

Table 5: Results of Hedgerow H3 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, gappy, enclosure period hedge

Table 6: Results of Hedgerow H4 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, dense hedge forming part of pre-enclosure routeway

Table 7: Results of Hedgerow H4 (extended) Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, dense hedge forming part of pre-enclosure routeway and pre-enclosure heathland vegetation of Pogmoor

Table 8: Results of Hedgerow H5 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 9: Results of Hedgerow H6 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 10: Results of Hedgerow H7 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 11: Results of Hedgerow H8 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 12: Results of Hedgerow H9 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Section to south of Tudor Rose Nursery on Barugh Green Road shows multiple species, coppicing, and evidence of bank

Table 13: Results of Hedgerow H10 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, gappy, enclosure period hedge

Table 14: Results of Hedgerow H11 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 15: Results of Hedgerow H12 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 16: Results of Hedgerow H13 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 17: Results of Hedgerow H14 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 18: Results of Hedgerow H15 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, evidence of historic hedge management.

Table 19: Results of Hedgerow H15a Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, standard trees, evidence of historic hedge management.

Table 20: Results of Hedgerow H16 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 21: Results of Hedgerow H17 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge with evidence of laying

Table 22: Results of Hedgerow H17a Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, standard trees, evidence of historic hedge management.

Table 23: Results of Hedgerow H17b Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, standard trees, evidence of historic hedge management.

Table 24: Results of Hedgerow H18 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 25: Results of Hedgerow H19 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 26: Results of Hedgerow H20 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 27: Results of Hedgerow H20 (extended) Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 28: Results of Hedgerow H21 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former county and township boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 29: Results of Hedgerow H22 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former County and Township boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 30: Results of Hedgerow H22a Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former County and Township boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, evidence of historic hedge management, unconformable plan

Table 31: Results of Hedgerow H23 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Multiple species, mature standard trees, evidence of bank, unconformable plan

Table 32: Results of Hedgerow H24 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, gappy, enclosure period hedge

Table 33: Results of Hedgerow H25 Archaeology Survey

Criterion	Qualifies as Important under	Rationale
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	Archaeology and History criteria	
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 34: Results of Hedgerow H26 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former Township boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 35: Results of Hedgerow H27 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
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1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 36: Results of Hedgerow H28 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former Township/Parish boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	Yes	Eastern terminal and 100m west of terminal has multiple species, evidence of standard trees, and remains of banking and metalling. Majority of hedge, however, is species poor, enclosure period hedge

Table 37: Results of Hedgerow H29 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present

2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 38: Results of Hedgerow H30 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 39: Results of Hedgerow H31 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present

3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 40: Results of Hedgerow H32 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	No	Not present
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 41: Results of Hedgerow H33 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former County and Township/Parish boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence

4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 42: Results of Hedgerow H34 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former County and Township/Parish boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence
5: Pre-enclosure field systems	No	Species poor, enclosure period hedge

Table 43: Results of Hedgerow H35 Archaeology Survey

Criterion	Qualifies as Important under Archaeology and History criteria	Rationale
1: Parish boundary	Yes	Former County and Township/Parish boundary
2: Records of Scheduled Monuments	No	Not present
3: Record of archaeological sites	No	No extant evidence
4: Pre-1600 manors	No	No extant evidence

5: Pre-enclosure field systems	Yes	Multiple species, standard trees, bank, laying, pollarding, coppicing.
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4.0 SUMMARY AND RECOMMENDATIONS

4.1 SUMMARY

Eighteen (18) hedgerows qualify as 'Important' under the Hedgerow Regulations 1997, with regards to the archaeology and historical criteria. These are hedgerows H2a, H4, H4(extended), H9, H15, H15a, H17a, H17b, H21, H22, H22a, H23, H26, H28, H33, H34 and H35.

4.2 RECOMMENDATIONS

- Any pre-enclosure hedges which are retained should have gaps filled with a range of native hedging species.
- Standard trees in pre-enclosure hedges should be sympathetically trimmed, pollarded or coppiced as appropriate
- Any pre-enclosure hedges which are retained should be layed and cut with an "A" profile to preserve structure and integrity.
- The scrubby northward continuation to Hedge H4 should be preserved, where possible, as a remnant of the original vegetation on Pog Moor.

5.0 REFERENCES

- Anon, (1997), Statutory Instruments 1997, No. 1160 Countryside, The Hedgerow Regulations 1997, London, HMSO. <http://www.legislation.gov.uk/uksi/1997/1160/contents/made>
- Baker, ARH. & Butlin, RA., (eds.) 1973. Studies of Field Systems in the British Isles. Cambridge: Cambridge University Press
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- English, BA (ed.) 1965 Handlist of West Riding Enclosure Awards. Wakefield: West Riding Committee of the National Register of Archives
- Wessex Archaeology, 2015. Barnsley Local Plan Proposed Allocation Sites Assessment. [Online] Available at: <https://www.barnsley.gov.uk/documents/wessex/MU1%20Site%20Assessment.pdf>

FIGURES

Figure 1 – Site Location Plan

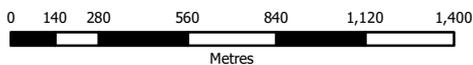
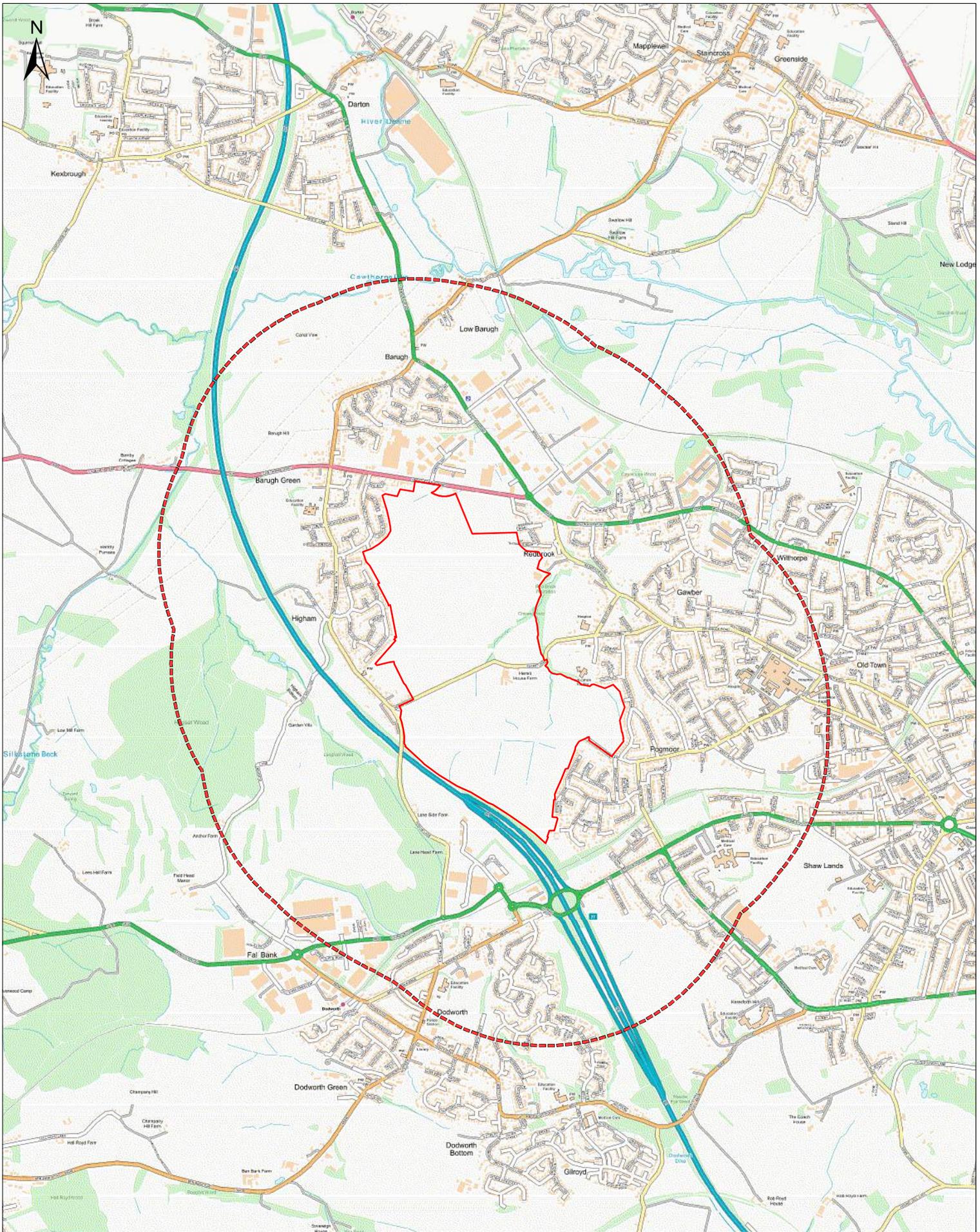
Figure 2 – Designated Assets

Figure 3 – Non-Designated Assets

Figure 4 – Events

Figure 5 – Historic Landscape Characterisation

Figure 6 – Hedgerow Regulations Survey Plan



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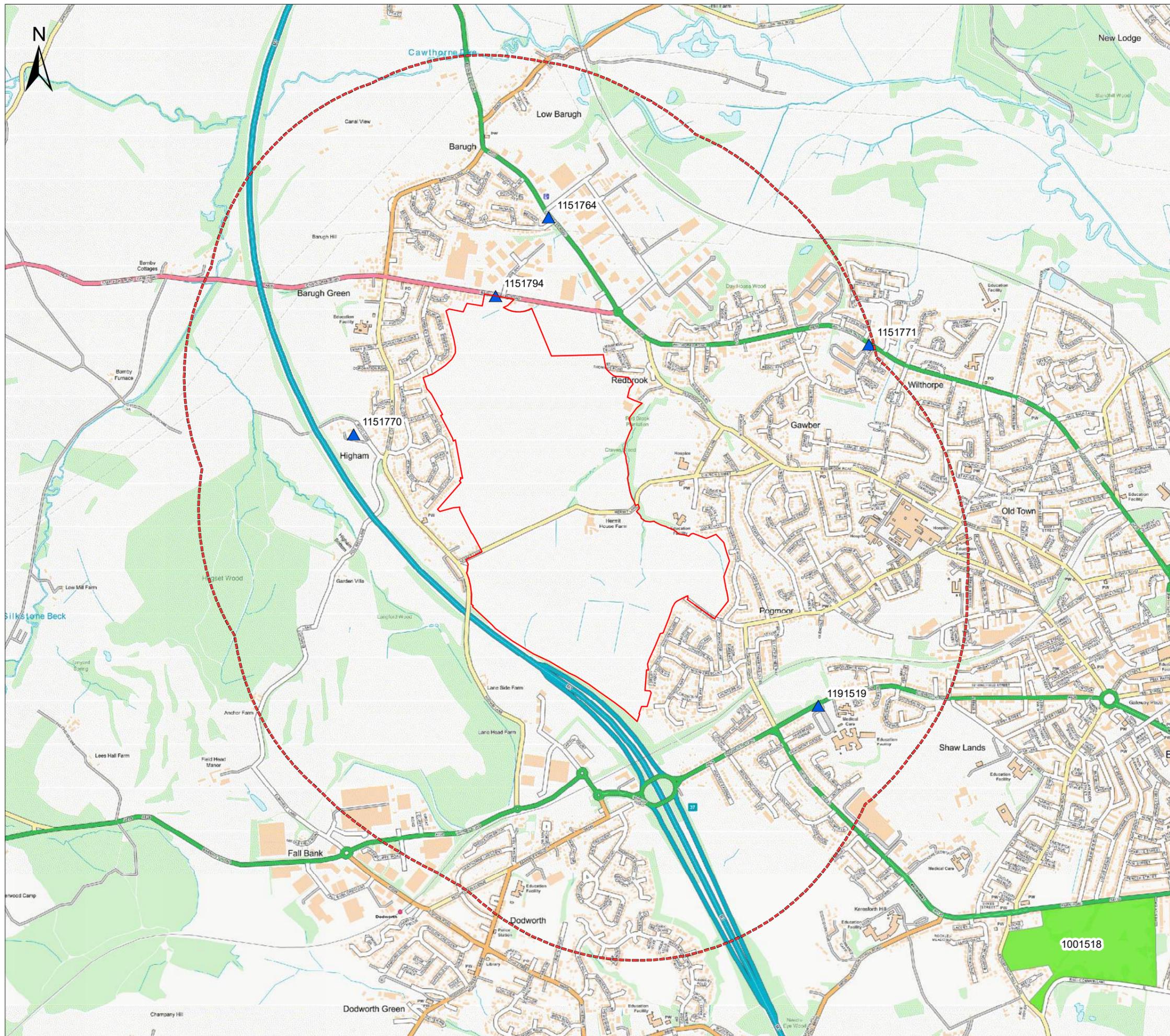
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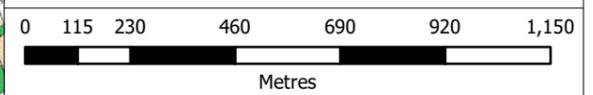
Project: **Barnsley West**

SBH Created:	MB Checked:	April 2021 Date:	V1 Version:
Site Location Plan			
Office: 4154	Project No: 784-B028734	Figure No: 1	



Legend

- Site boundary
- Study Area
- ▲ Listed Buildings
- Parks and Gardens



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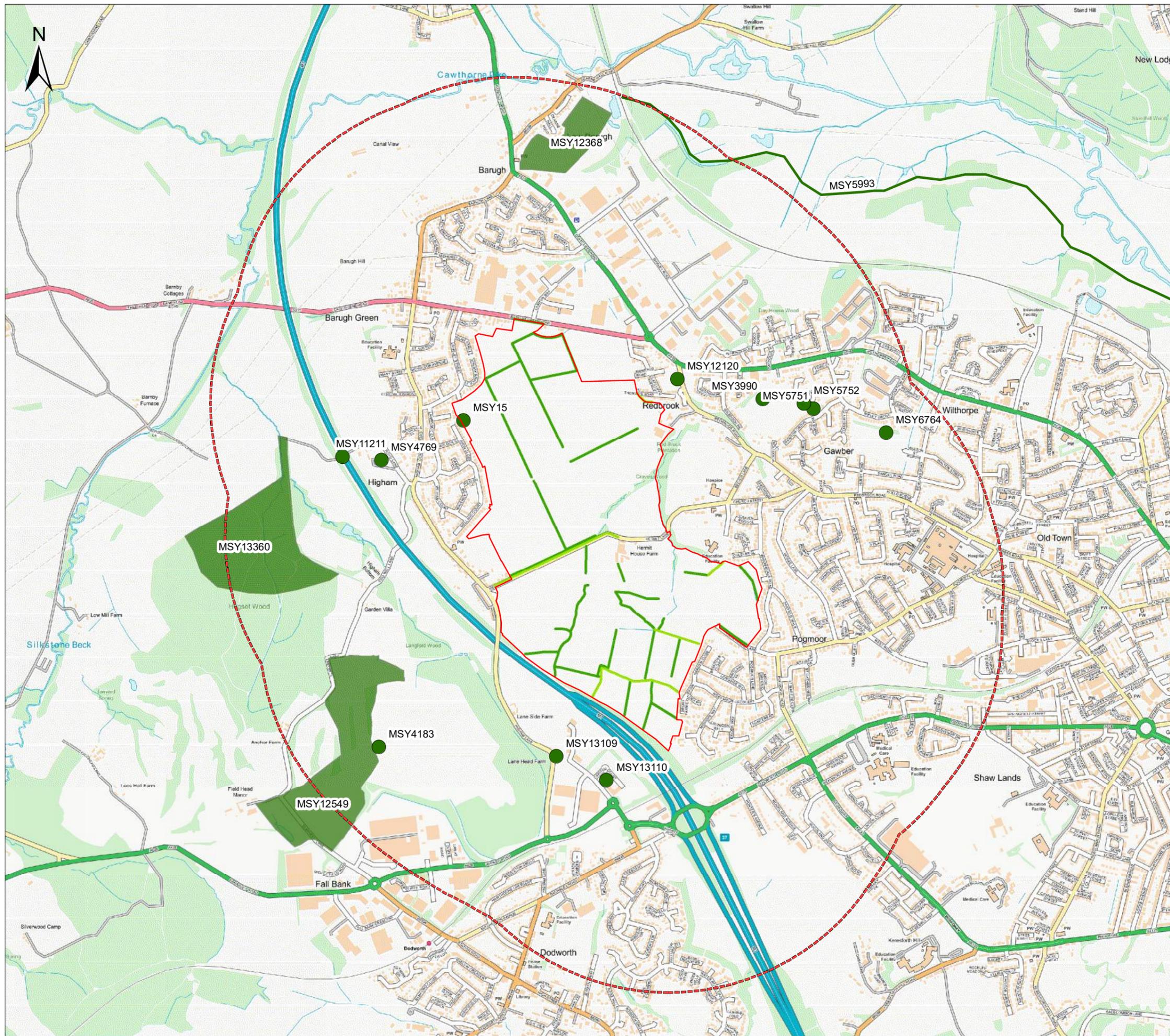
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Project: **Barnsley West**

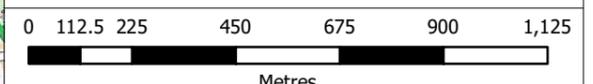
Title: **Designated Assets**

Office: 4154	Project No: 784-B028734	Figure No: 2
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Legend

- Site boundary
- Study Area
- MonPoint
- MonLine
- MonPoly
- ImportantHedges
- Hedges2019_SS20201208
- Hedges_SS20201208



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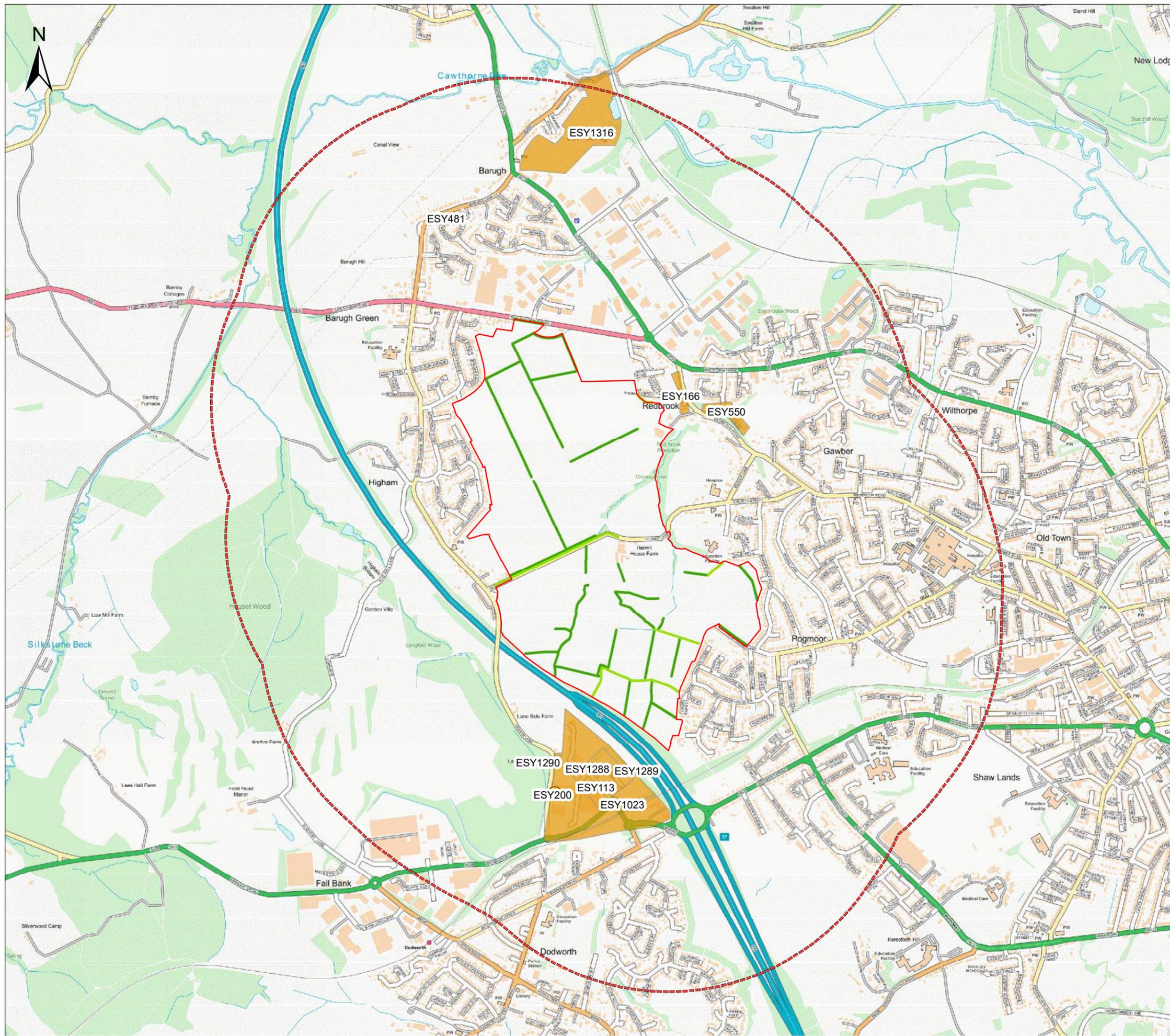
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Client: **Strata Sterling Barnsley West Limited**

Project: **Barnsley West**

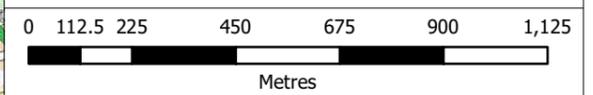
Title: **Non-Designated Assets**

Office: 4154	Project No: 784-B028734	Figure No: 3
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Legend

- Site boundary
- Study Area
- EventPoint
- EventPoly
- ImportantHedges
- Hedges2019_SS20201208
- Hedges_SS20201208



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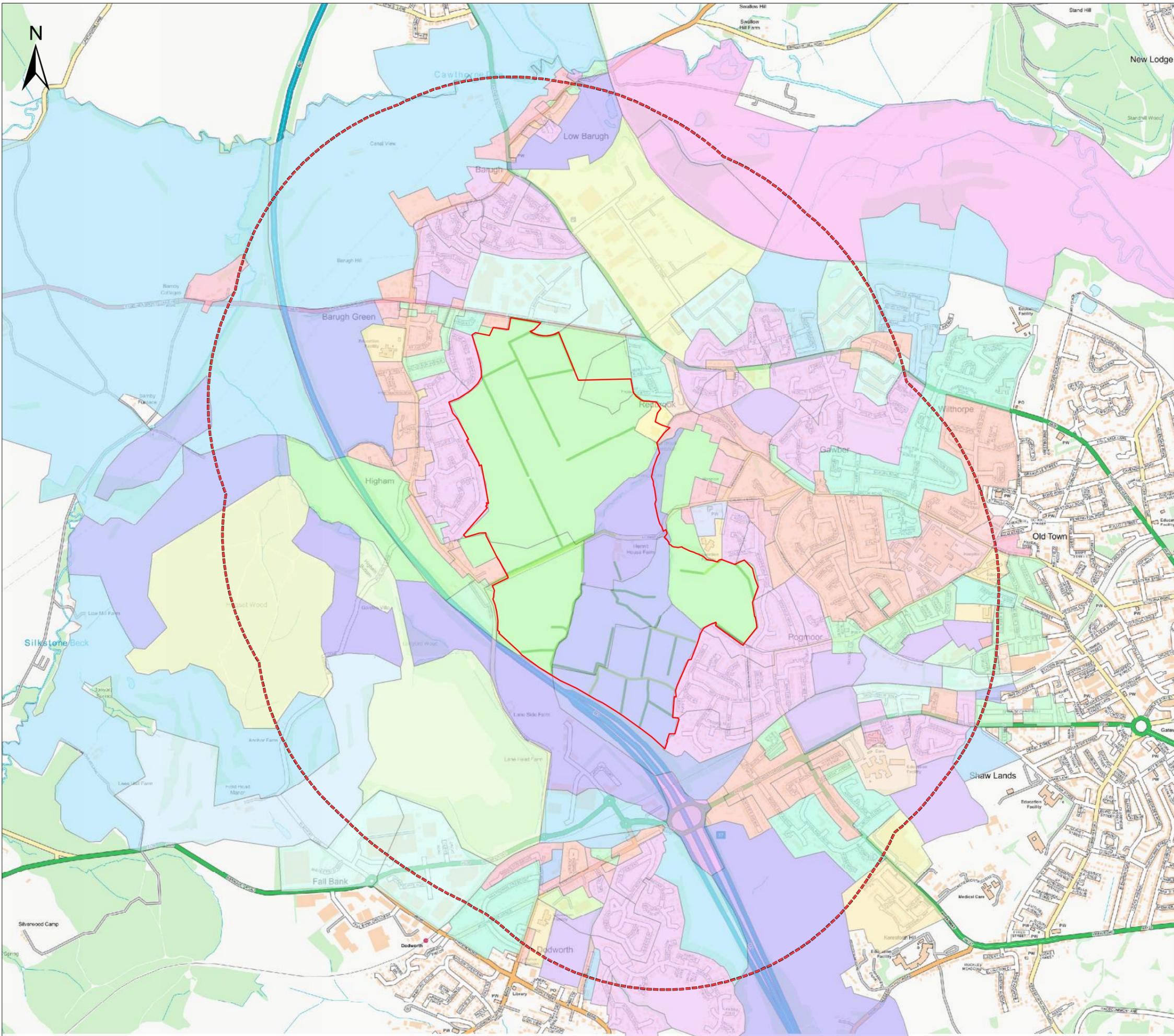
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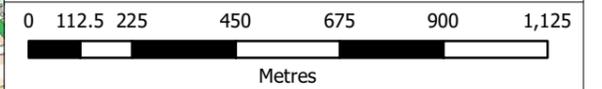
Project: **Barnsley West**

Title: **Events**

Office: 4154	Project No: 784-B028734	Figure No: 4
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- Legend**
- Site boundary
 - Study Area
 - HLCTypes**
 - Agglomerated fields
 - Allotments
 - Assarts
 - Business Park
 - Commercial Core-Suburban
 - Distribution Centre
 - Elite Residence
 - Farm Complex
 - Golf Course
 - Hospital Complex
 - Low Rise Flats
 - Metal Trades (Light)
 - Motorway and Trunk Road Junctions
 - Nursing Home / Almshouse
 - Other Industry
 - Piecemeal Enclosure
 - Planned Estate (Social Housing)
 - Plantation
 - Playing Fields/ Recreation ground
 - Private Housing Estate
 - Reclaimed Coal Mine
 - Religious (Worship)
 - School
 - Semi-Detached Housing
 - Surveyed Enclosure (Parliamentary/ Private)
 - Terraced Housing
 - Textile Trade
 - Valley Floor Meadows
 - Villas/ Detached Housing
 - Warehousing
 - Water Powered Site
 - Important Hedges
 - Hedges 2019_SS20201208
 - Hedges_SS20201208



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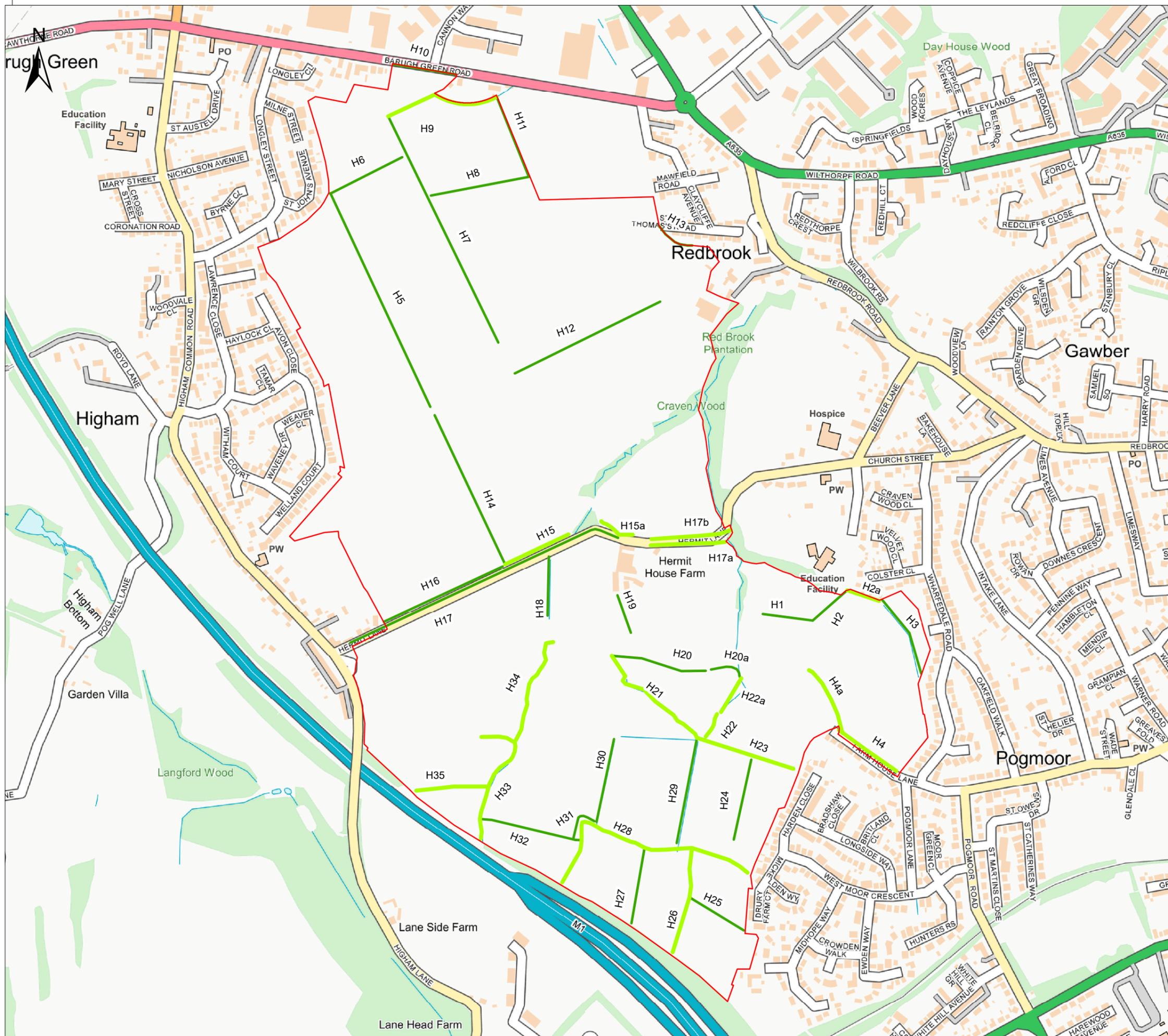
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Project: **Barnsley West**

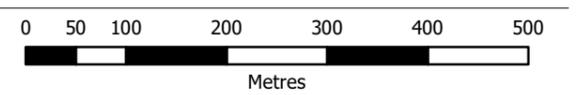
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Office: 4154	Project No: 784-B028734	Figure No: 5
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Legend

- Site boundary
- Important Hedgerows
- Hedgerows Surveyed
- Hedgerows Surveyed
- Hedgerows Surveyed



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Project: **Barnsley West**

Title: **Archaeological Hedgerow Assessment**

Office: 4154	Project No: 784-B028734	Figure No: 6a
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APPENDIX A – REPORT CONDITIONS

This Report has been prepared using reasonable skill and care for the sole benefit of Strata Stanley Barnsley West Limited (“the Client”) for the proposed uses stated in the report by [Tetra Tech Environment Planning Transport Limited] (“Tetra Tech”). Tetra Tech exclude all liability for any other uses and to any other party. The report must not be relied on or reproduced in whole or in part by any other party without the copyright holder’s permission.

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The report refers, within the limitations stated, to the environment of the site in the context of the surrounding area at the time of the inspections’. Environmental conditions can vary and no warranty is given as to the possibility of changes in the environment of the site and surrounding area at differing times. No investigative method can eliminate the possibility of obtaining partially imprecise, incomplete or not fully representative information. Any monitoring or survey work undertaken as part of the commission will have been subject to limitations, including for example timescale, seasonal and weather-related conditions. Actual environmental conditions are typically more complex and variable than the investigative, predictive and modelling approaches indicate in practice, and the output of such approaches cannot be relied upon as a comprehensive or accurate indicator of future conditions. The “shelf life” of the Report will be determined by a number of factors including; its original purpose, the Client’s instructions, passage of time, advances in technology and techniques, changes in legislation etc. and therefore may require future re-assessment.

The whole of the report must be read as other sections of the report may contain information which puts into context the findings in any executive summary.

The performance of environmental protection measures and of buildings and other structures in relation to acoustics, vibration, noise mitigation and other environmental issues is influenced to a large extent by the degree to which the relevant environmental considerations are incorporated into the final design and specifications and the quality of workmanship and compliance with the specifications on site during construction. Tetra Tech accept no liability for issues with performance arising from such factors.

APPENDIX B - ARCHAEOLOGICAL SURVEY DATA

The hedgerows in their landscape context

The hedgerows are located on the former Pog Moor and Higham Common to the south, and Barugh Green to the north. Pog Moor is first attested to in the Poll Tax Returns of 1379 (<https://epns.nottingham.ac.uk/browse/West+Riding+of+Yorkshire/Silkstone/53288202b47fc40c81005333-Pog+Moor>: accessed 20/05/21). The word *pog* is local West Yorkshire dialect for a bog or 'a shallow trial pit for a coal shaft', both of which would be appropriate to this site.

Silkstone Wapentake, in which the site is located, was the least densely populated of all the Yorkshire Wapentakes (https://en.wikipedia.org/wiki/Staincross_Wapentake: accessed 20/05/21). This is in keeping with the one-field system associated with hamlet settlement suggested by Sheppard (1973, in Baker & Butlin [eds]) as the origin of the field systems present in this area until the period 1760 to 1820 when the vast majority of Parliamentary Enclosure took place. Placename evidence for the West Riding indicates that "rydding" and "rod" are common elements suggesting that extensive woodland clearance took place in the area. Much of this clearance must have taken place before the compilation of the Domesday Book in 1086 because little or no woodland is recorded in this area (Darby & Maxwell [1962] p.53).

In the later medieval period, these fields were probably held in common, and it would have been unlikely, given the evidence for strip agriculture on the site, that permanent field boundaries would have been present. Animals would have been penned on the open fields for dunging using either temporary fencing or cut thorn and furze abatis. Peasants would have cultivated individual strips or "riggs" scattered across a number of open arable fields/

It seems likely that, by the seventeenth and eighteenth centuries, a number of townships had reorganised landholding into a systems of "flatts" where the strips were exchanged and rationalised into larger parcels of land. The average yeoman farmer in the West Riding had up to 60 acres of arable land in this period.

Enclosure of open arable land had been taking place from the medieval period onwards in Yorkshire but the pace of enclosure increased markedly from 1760 and, by 1820, less than 50 townships in the West Riding still retained common arable fields (English [ed], 1965). It seems very likely that the site was enclosed at some point in this 60 year period..

Map evidence for the hedgerows

The earliest Ordnance Survey Six-Inch map, surveyed 1850 to 1851 and published in 1855, shows a fully enclosed landscape. South of Hermit Lane are two areas of mixed deciduous and coniferous woodlands, Drury Spring and Hermit Wood. These are no longer present and their outlines are preserved, in the case of Drury Spring, by hedges H31, H32, H33 and H34. The shape of Hermit Wood can be seen in hedges H21 and H22. Otherwise, the majority of the hedges to the south of Hermit Lane are present, with the exception of H24. Significantly, many are shown with mature standard trees present in the hedgerows but the vast majority of these are now absent. The area to the north of Farm House Lane, now a large, single field is shown divided into four separate parcels.

The site to the north of Hermit Lane, as shown on the 1855 map, bears almost no resemblance to the current land division. The only identifiable hedgerow is the section of H9 to the south of Tudor Rose Nursery on Barugh Green Road. Two woods are depicted on the map north of Hermit Lane, Craven Wood and Velvet Wood, the former being in association with a large triangular pool, mere or pond.

The 1949 Ordnance Survey Six-Inch map, revised in 1948, shows a very similar landscape with few, if any changes.

The 1956 1:10,000 Ordnance Survey sheet (SE30NW) shows the grubbing-up of Drury Spring and Hermit Wood in the intervening seven year period. Otherwise the boundaries north and south of Hermit Lane appear unchanged.

The 1966 1:10,000 Ordnance Survey sheet (SE30NW-A) shows profound changes north of Hermit Lane with the total destruction of all previously recorded landscape features by an opencast mine, with the exception of a fragment of Craven Wood and the associated pool, and the hedge to the south of Tudor Rose Nursery. Any other field boundary in this area must postdate the cessation of activities at the opencast mine.

South of Hermit Lane, opencast works are shown on the field to the north of Farm House Lane but, otherwise, the field divisions remain unchanged and represent the area with the greatest archaeological interest.

The hedgerows as archaeological features

The hedges on the site of the former opencast mine north of Hermit Lane have very limited archaeological importance, restricted to H9 with mature standard trees, evidence of laying, coppicing and a good range of species. H15 is also significant with evidence for laying, standard trees and multiple species. Both these hedges represent pre-Enclosure boundaries. The other significant feature to the north of Hermit Lane is the relict ancient woodland centred on SE 31845 07093, originally part of Craven Wood with mature tree species including Elm (*Ulmus ssp.*), Oak (*Quercus robur*), Whitebeam (*Sorbus ssp.*), and Sycamore (*Acer platanus*) with an understorey including Greater Stitchwort (*Rubus holostea*), and Bluebell (*Hyacinth non-scripta*)

The hedges to the south of Hermit Lane are largely Enclosure Period in date. Most are species poor and show little or no evidence of any laying or management since their planting. As a result, the hedges are very leggy and are still in their original plantings. This suggests that the land was largely farmed for arable purposes, as these hedges would be incapable of preventing a determined grazing domesticate from entering the adjoining field. As land use has changed, so *ad-hoc* interventions have been made to prevent grazers straying.

Typically, the hedges of archaeological significance are unconformable in plan (H33 & H34), have evidence of hedge management (laying) (H35), tend to have standard trees H23 & H35) and reflect land and administrative divisions predating the Enclosure Period.

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
1	
2	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
4	 A photograph showing a hedgerow on a slope. The hedgerow is composed of various green shrubs and trees. The ground in the foreground is a mix of soil and small plants, appearing to be a recently cleared or prepared area. The sky is blue with scattered white clouds.
5 & 14	 A photograph showing a hedgerow in a field. The hedgerow is a dense line of green trees and shrubs. The field in the foreground is a lush green, possibly a grassy area or a young crop field. The sky is blue with large, white, fluffy clouds.

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
6	
7	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
9 & 10	
15	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
15	
16 & 17	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
18	
21	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
22	
23	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
24	
28	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
30	
32	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
33 & 34	
35	

Barnsley West Hedgerow Survey Photos	
Hedge No.	Photograph
35	
35	

APPENDIX C – RELEVANT LEGISLATION

SUMMARY OF THE HEDGEROW REGULATIONS 1997

A hedgerow is defined as any boundary line of trees or shrubs over 20 m long and less than 5 m wide at the base (DEFRA, 2007). A hedgerow is important (and is protected) if it is at least 30 years old is 20 m or more long (or connected to other hedges) and meets at least one of the criteria listed in Schedule 1 of Hedgerows Regulations (1997) as follows:

SCHEDULE 1 ADDITIONAL CRITERIA FOR DETERMINING “IMPORTANT” HEDGEROWS

Archaeology and History

1. The hedgerow marks the boundary, or part of the boundary, of at least one historic i.e. pre-1850 parish or township.
2. The hedgerow incorporates an archaeological feature which is;
 - included in the Schedule of Monuments compiled by the Secretary of State under section 1 (schedule of monuments) of the Ancient Monuments and Archaeological Areas Act 1979; or,
 - recorded at the relevant date in a Sites and Monuments Record.
3. The hedgerow is;
 - situated wholly or partly within an archaeological site or on land adjacent to and associated with such a site; and,
 - associated with any monument or feature on that site.
4. The hedgerow;
 - marks the boundary of a pre-1600 AD estate or manor recorded at the relevant date in a Sites and Monuments Record or in a document held at that date at a Record Office; or,
 - is visibly related to any building or other feature of such an estate or manor.
5. The hedgerow is;
 - recorded in a document held at the relevant date at a Record Office as an integral part of a field system pre-dating the Inclosure Acts; or,
 - part of, or visibly related to, any building or other feature associated with such a system, and that system is;
 - substantially complete; or,
 - of a pattern which is recorded in a document prepared before the relevant date by a local planning authority, within the meaning of the 1990 Act, for the purpose of development control within the authority’s area, as a key landscape characteristic.

Wildlife and Landscape

6. The hedgerow contains species of animal, bird or plant listed in the following documents;
- Part 1 of Schedule 1 (birds receiving special protection), Schedule 5 (protected animals) or Schedule 8 (protected plants) of the Wildlife and Countryside Act 1981 (as amended). Note that ;
 - Categorised as a declining breeder i.e. Category 3 of the Red Data Birds in Britain (Batten et al, 1990); or,
 - Categorised as endangered, extinct, rare or vulnerable in British Red Data Books (Shirt, 1987; Bratten et al., 1990; Bratton, 1991; Stewart & Church, 1992; Wigginton, 1999).
7. The hedgerow includes at least;
- 7 woody species (listed on Schedule 3 of the Hedgerows Regulations 1997 -see below) on average in a 30m length;
 - 6 woody species on average in a 30m length and has at least 3 associated features*;
 - 6 woody species on average in a 30m length, including either a black poplar *Populus nigra* ssp. *betulifolia*, large-leaved lime *Tilia platyphyllos*, small-leaved lime *Tilia cordata* or wild service tree *Sorbus torminalis*; or,
 - 5 woody species on average in a 30m length and has at least 4 associated features.

Note: in some northern counties the number of woody species required is one less than the numbers stated above. * associated features include;

- a bank or wall which supports the hedgerow along at least one half of its length;
 - gaps which in aggregate do not exceed 10% of the length of the hedgerow;
 - one standard tree, on average, every 50m section;
 - at least 3 woodland species (listed on Schedule 2 of the Hedgerows Regulations 1997, see below) within one metre, in any direction, of the outermost edges of the hedgerow;
 - a ditch along at least one half of the length of the hedgerow;
 - connections with other hedgerows, woods or ponds scoring four points or more (where the connection has a point within 10m of the hedgerow and connections to other hedgerows score one point and connections to other broadleaved woodland or ponds scores two points). Note: these features do not count if a public right of way is being included in the criterion;
 - a parallel hedge within 15m of the hedgerow.
8. The hedgerow;
- is adjacent to a bridleway or footpath, within the meaning of the Highways Act 1980, a road used as a public path, within the meaning of section 54 of the Wildlife and Countryside Act 1981 (as amended) or a byway open to all traffic, within the meaning of Part III of the Wildlife and Countryside Act 1981 (as amended); and,
 - includes at least 4 woody species, on average, in a 30m length and has at least 2 associated features.

Schedule 2 – Woodland species

Barren strawberry *Potentilla sterilis*, bluebell *Hyacinthoides non-scripta*, broad buckler-fern *Dryopteris dilatata*, broad-leaved helleborine *Epipactis helleborine*, bugle *Ajuga reptans*, common cow-wheat *Melampyrum pratense*, common dog-violet *Viola riviniana*, common polypody *Polypodium vulgare*, dog's mercury *Mercurialis perennis*, early dog-violet *Viola reichenbachiana*, early purple orchid *Orchis mascula*, enchanter's nightshade *Circaea lutetiana*, giant fescue *Festuca gigantea*, goldilocks buttercup *Ranunculus auricomus*, great bell-flower *Campanula latifolia*, greater wood-rush *Luzula sylvatica*, hairy brome *Bromus ramosus*, hairy woodrush *Luzula pilosa*, hard fern *Blechnum spicant*, hard shield-fern *Polystichum aculeatum*, hart's-tongue *Asplenium scolopendrium*, heath bedstraw *Galium saxatile*, herb Paris *Paris quadrifolia*, herb-Robert *Geranium robertianum*, lady fern *Athyrium filix-femina*, lords-and-ladies *Arum maculatum*, male fern *Dryopteris filix-mas*, moschatel *Adoxa moschatellina*, narrow buckler-fern *Dryopteris carthusiana*, nettle-leaved bell-flower *Campanula trachelium*, oxlip *Primula elatior*, pignut *Conopodium majus*, primrose *Primula vulgaris*, ramsons *Allium ursinum*, sanicle *Sanicula europaea*, scaly male-fern *Dryopteris affinis*, small cow-wheat *Melampyrum sylvaticum*, soft shield-fern *Polystichum setiferum*, sweet violet *Viola odorata*, toothwort *Lathraea squamaria*, tormentil *Potentilla erecta*, wild strawberry *Fragaria vesca*, wood anemone *Anemone nemorosa*, wood avens/herb Bennet *Geum urbanum*, wood false-brome *Brachypodium sylvaticum*, wood horsetail *Equisetum sylvaticum*, wood meadow-grass *Poa nemoralis*, wood melic *Melica uniflora*, wood millet *Milium effusum*, wood sage *Teucrium scorodonia*, wood sedge *Carex sylvatica*, wood sorrel *Oxalis acetosella*, wood speedwell *Veronica montana*, wood spurge *Euphorbia amygdaloides*, woodruff *Galium odoratum*, yellow archangel *Lamium galeobdolon*, yellow pimpernel *Lysimachia nemorum*.

Schedule 3 – Woody species

Alder *Alnus glutinosa*, alder buckthorn *Frangula alnus*, ash *Fraxinus excelsior*, aspen *Populus tremula*, beech *Fagus sylvatica*, bird cherry *Prunus padus*, black-poplar *Populus nigra* subspecies *betulifolia*, blackthorn *Prunus spinosa*, box *Buxus sempervirens*, broom *Cytisus scoparius*, buckthorn *Rhamnus cathartica*, butcher's-broom *Ruscus aculeatus*, crab apple *Malus sylvestris*, dogwood *Cornus sanguinea*, downy birch *Betula pubescens*, downy currant *Ribes spicatum*, dwarf gorse *Ulex minor*, elder *Sambucus nigra*, elm *Ulmus* species, field maple *Acer campestre*, gooseberry *Ribes uva-crispa*, gorse *Ulex europaeus*, grey poplar *Populus x canescens*, guelder rose *Viburnum opulus*, hawthorn *Crataegus monogyna*, hazel *Corylus avellana*, holly *Ilex aquifolium*, hornbeam *Carpinus betulus*, juniper *Juniperus communis*, large-leaved lime *Tilia platyphyllos*, mezereon *Daphne mezereum*, midland hawthorn *Crataegus laevigata*, mountain currant *Ribes alpinum*, osier *Salix viminalis*, pedunculate oak *Quercus robur*, Plymouth pear *Pyrus cordata*, rose *Rosa* species, rowan *Sorbus aucuparia*, sea-buckthorn *Hippophae rhamnoides*, sessile oak *Quercus petraea*, silver birch *Betula pendula*, small-leaved lime *Tilia cordata*, spindle *Euonymus europaeus*, spurge-laurel *Daphne laureola*, walnut *Juglans regia*, wayfaring-tree *Viburnum lantana*, western gorse *Ulex gallii*, white poplar *Populus alba*, whitebeam *Sorbus* species, wild cherry *Prunus avium*, wild cotoneaster *Cotoneaster cambricus*, wild pear *Pyrus pyraster*, wild privet *Ligustrum vulgare*, wild service-tree *Sorbus torminalis*, willow *Salix* species, yew *Taxus baccata*. Biodiversity 2020: A strategy for England's Wildlife & Ecosystem Services

Biodiversity 2020 (DEFRA, 2011) replaces the previous UK Biodiversity Action Plan and sets national targets to be achieved. The intent of Biodiversity 2020, however, is much broader than the protection and enhancement of less common species, and is meant to embrace the wider countryside as a whole.