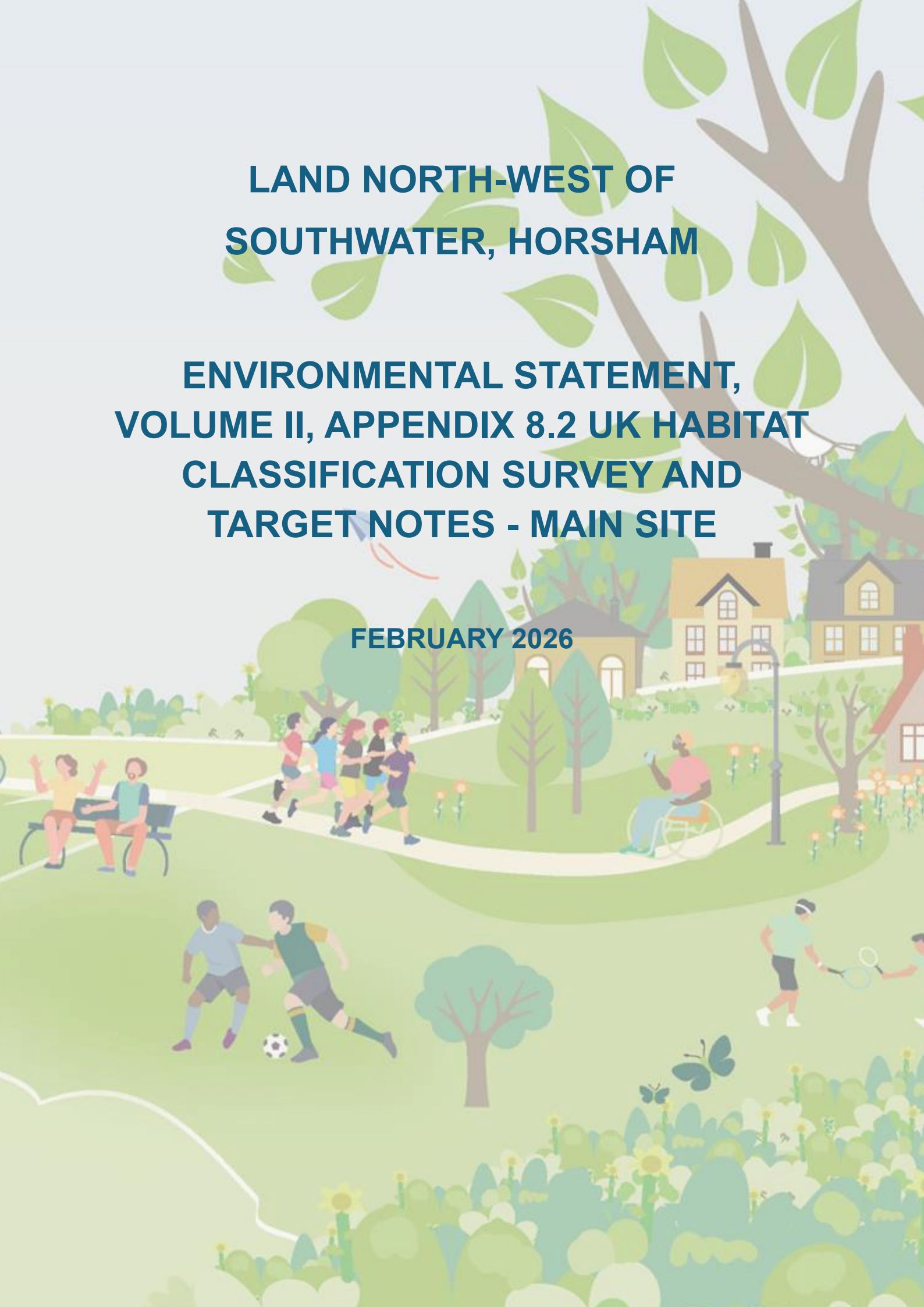
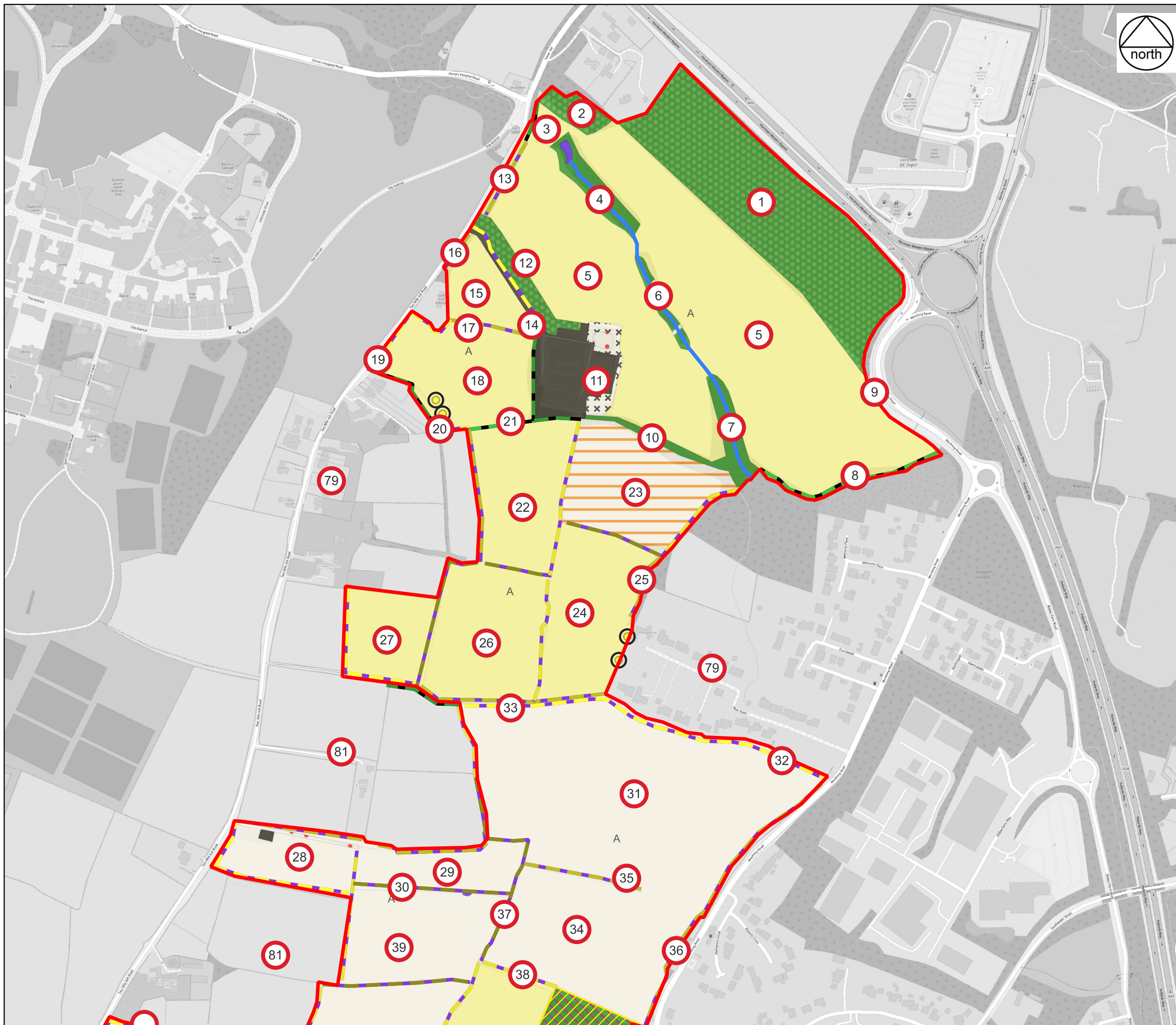


LAND NORTH-WEST OF SOUTHWATER, HORSHAM

ENVIRONMENTAL STATEMENT, VOLUME II, APPENDIX 8.2 UK HABITAT CLASSIFICATION SURVEY AND TARGET NOTES - MAIN SITE

FEBRUARY 2026





KEY

- Target Note
- Site boundary
- Existing Large Rural Tree
- Streams
- Artificial unvegetated, unsealed surface
- Winter stubble
- Developed land; sealed surface
- Lowland mixed deciduous woodland
- Mixed scrub
- Modified grassland
- Cereal crops
- Other woodland; mixed
- Ponds (non-priority habitat)
- Ruderal/Ephemeral
- Line of trees
- Line of trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Ancient Woodland

CLIENT:
Berkeley Strategic Land Ltd

PROJECT:
Land North-West of Southwater, Horsham

TITLE:
2025 UK Habitat Classification Survey Plan –
Main Site North

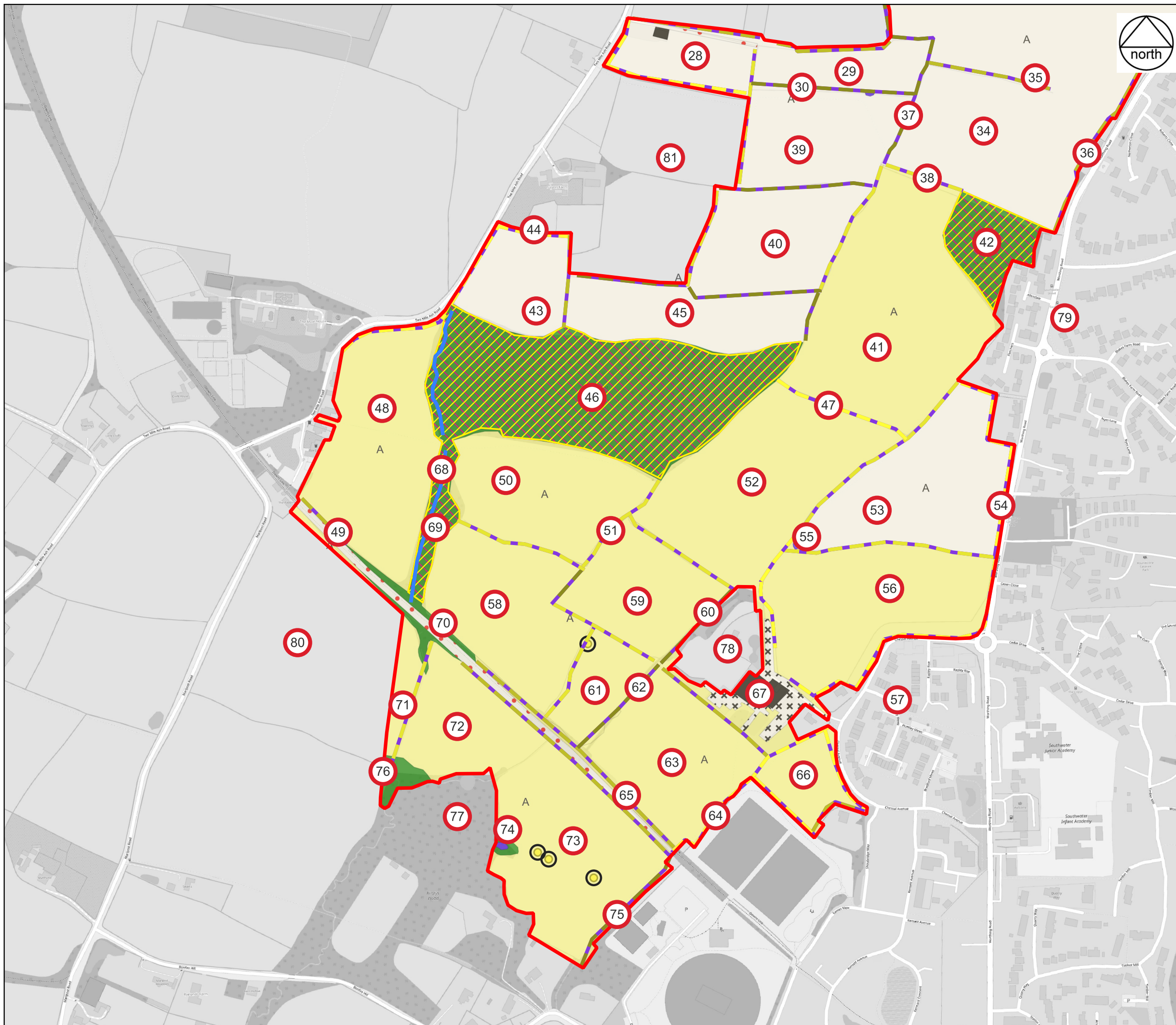
SCALE AT A3: DATE:
NTS January 2026

2090.78 / 19a

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Landscape Architecture Masterplanning Ecology **hda**



- KEY**
- Target Note
 - Site boundary
 - Existing Large Rural Tree
 - Streams
 - Artificial unvegetated, unsealed surface
 - A Cereal crops
 - Developed land; sealed surface
 - Lowland mixed deciduous woodland
 - Mixed scrub
 - Modified grassland
 - Ponds (non-priority habitat)
 - Ruderal/Ephemeral
 - Local Wildlife Site
 - Native hedgerow
 - Native hedgerow - associated with bank or ditch
 - Native hedgerow with trees
 - Native hedgerow with trees - associated with bank or ditch
 - Ancient Woodland

CLIENT:
Berkeley Strategic Land Ltd

PROJECT:
Land North-West of Southwater, Horsham

TITLE:
2025 UK Habitat Classification Survey Plan –
Main Site South

SCALE AT A3: DATE:
NTS January 2026

2090.78 / 19b

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**Landscape Architecture
Masterplanning
Ecology**

Target notes:

1. Young mixed woodland along the northern boundary of the site bordered by post and wire fencing. Species include Pedunculate Oak (*Quercus robur*), Wild Cherry (*Prunus avium*), Sycamore (*Acer pseudoplatanus*), Larch (*Larix decidua*), Pine (*Pinus* sp.) and Cedar (*Cedrus* sp.) with a Blackthorn (*Prunus spinosa*), Hawthorn (*Crataegus monogyna*) and Field Maple (*Acer campestre*) understorey. The ground flora below is partly colonised by Ivy (*Glechoma hederacea*) and Bramble (*Rubus fruticosus*), with other species relatively sparse and dominated by grasses including Wood False-brome (*Brachypodium sylvaticum*) and Rough Meadow-grass (*Poa trivialis*) with occasional Lords and Ladies (*Arum maculatum*). Small clearings within the woodland are more species-rich and include grasses including False Oat-grass (*Arrhenatherum elatius*), Cock's Foot (*Dactylis glomerata*) and Rough Meadow-grass with Hard Rush (*Juncus inflexus*), Common Nettle (*Urtica dioica*), Cleavers (*Galium aparine*), Common Vetch (*Vicia sativa*), Cut-leaved Cranesbill (*Geranium dissectum*), Meadow Buttercup (*Ranunculus acris*), Creeping Thistle (*Cirsium arvense*), Pendulous Sedge (*Carex pendula*), Agrimony (*Agrimonia eupatoria*), Black Knapweed (*Centaurea nigra*) and Hedge Woundwort (*Stachys sylvatica*).
2. Small semi-mature woodland copse bordered by post and wire fencing. Mature and semi-mature trees with species including Pedunculate Oak, Ash (*Fraxinus excelsior*), Wild Cherry, Sycamore, Scots Pine (*Pinus sylvestris*) and Common Lime (*Tilia x europaea*) with Hawthorn, Rhododendron (*Rhododendron ponticum*), Elder (*Sambucus nigra*) and Bramble below. The ground flora below is dominated by tall ruderal vegetation and coarse grasses including Common Nettle, Cow Parsley (*Anthriscus sylvestris*), Creeping Thistle, Broadleaved Dock (*Rumex obtusifolius*), False Oat-grass, Bittersweet (*Solanum dulcamara*), Cock's Foot, Montbretia (*Crocsmia x crocosmiiflora*) and Common Agrimony.
3. Area of rough grassland comprising Yorkshire Fog (*Holcus lanatus*), Meadow Foxtail (*Alopecurus pratensis*), Soft Brome (*Bromus hordeaceus*), Smooth Meadow-grass (*Poa pratensis*), Rough Meadow-grass, Perennial Rye-grass (*Lolium perenne*), Barren Brome (*Anisantha sterilis*) and Cock's Foot with forb species including Meadow Buttercup, Cut-leaved Cranesbill, Creeping Cinquefoil (*Potentilla reptans*), Lesser Stitchwort (*Stellaria graminea*), Common Sorrel (*Rumex acetosa*), Curled Dock (*Rumex crispus*), Hogweed (*Heracleum sphondylium*), Dandelion (*Taraxacum officinale*) and Common Nettle. A mature treeline borders the western margin of this area with species including Common Lime, Ash, Pedunculate Oak and Pine with Sycamore and Hawthorn below.
4. Band of mature woodland between two grassland fields comprising Sycamore, Pedunculate Oak, Norway Maple (*Acer platanoides*), Scots Pine and Ash with an understorey of Hazel (*Corylus avellana*) coppice, Elder, Hawthorn, Hornbeam (*Carpinus betulus*) and Holly (*Ilex aquifolium*). Ground flora is present although there is heavy poaching from cattle in places, with species including Dog's Mercury (*Mercurialis perennis*), Bluebell (*Hyacinthoides non-scripta*), Garlic Mustard (*Alliaria petiolata*), Pendulous Sedge, Ground Ivy, Lords and Ladies, Yellow Archangel (*Lamium galeobdolon*), Common Nettle and Bramble. A slow flowing stream flows through the woodland, with a water depth of approximately 10cm at the time of survey, comprising shallow earth banks and an earth base. Due to heavy shading no aquatic vegetation is present within the stream, however the banks are bordered by occasional Pendulous Sedge and Wavy Bitter-cress (*Cardamine flexuosa*) with occasional Cuckoo Flower (*Cardamine pratensis*). At the north-western end of the woodland is a small pond, approximately 5m x 6m, subject to very heavy eutrophication and largely covered by green algae, with few marginal species with the exception of Pendulous Sedge, and with heavy poaching from cattle around the banks.
5. Modified grassland field dominated by Perennial Rye-grass, with a uniform sward of under 10cm and grazed by cattle at the time of survey, with other species including Creeping Thistle, Broad-leaved Dock, Goats-beard (*Tragopogon pratensis*), Greater Plantain (*Plantago major*) and Smooth Meadow Grass (*Poa pratensis*).

6. Sections of above ground stream bordered by Elder, Hazel, Hawthorn and Blackthorn scrub with young Pedunculate Oak and Field Maple trees.
7. Woodland shaw extending from a larger area of off-site woodland to the south. Mature trees include Hybrid Black Poplar (*Populus x canadensis*), Wild Cherry, Ash and Sycamore with Hazel, Field Maple, Hornbeam, Elder, Norway Maple, Holly, Blackthorn and Hawthorn below. The ground flora includes Garlic Mustard, Bluebell, Dog's Mercury, Greater Burdock (*Arctium lappa*), Pendulous Sedge, Common Nettle and Hemlock (*Conium maculatum*), with poached and bare ground in places. A stream courses through the woodland which was dry at the time of survey.
8. Band of mature trees along a wet ditch. Tree species include Ash, Alder (*Alnus glutinosa*), Pedunculate Oak, Hazel coppice, Holly, Hawthorn and Elder. Ground flora below the trees comprises Herb Robert (*Geranium robertianum*), Lords and Ladies, Bracken (*Pteridium aquilinum*), Ground Ivy, Pendulous Sedge and Common Nettle.
9. Wooden post and rail fence bordering the site, beyond which is an embankment associated with Worthing Road.
10. A narrow band of deciduous woodland with a steep sided, dry ditch running through centre. Species composition is similar to that listed in target note 7.
11. A steep sided earth bund separating the grassland field from the farmyard. Species that have colonised the southern end of the bund include tall ruderal species such as Common Nettle, Broadleaved Dock, Creeping Thistle, Spear Thistle (*Cirsium vulgare*) and Bristly Ox-tongue (*Helminthotheca echioides*). The northern end of the bund is dominated by grassland species including Yorkshire Fog, Soft Brome, Rough Meadow-grass, Meadow Foxtail, Barren Brome, Cock's Foot, Perennial Rye-grass, Common Vetch, Grass Vetchling (*Lathyrus nissolia*), Lesser Trefoil (*Trifolium dubium*), Creeping Cinquefoil, Meadow Buttercup, Cut-leaved Cranesbill, Field Bindweed (*Convolvulus arvensis*), Dandelion, Ragwort (*Senecio jacobaea*) and Prickly Sow-thistle (*Sonchus asper*). The farmyard consists of several open sided barns of concrete and corrugated metal, holding cattle at the time of survey, with surrounding concrete hardstanding. To the north-east of the farmyard is a slurry pit.
12. Band of semi-mature plantation woodland bordered by a post and wire fence to north and intact hedgerow to south (the hedgerow is described in target note 14). The woodland is dominated by Pedunculate Oak with occasional Hornbeam, Scot's Pine and Blackthorn. The ground flora comprises grasses including Yorkshire Fog, Cock's Foot and Rough Meadow-grass with Common Nettle and Cleavers.
13. Mature defunct hedgerow, up to 3m wide and 5m tall, with mature Pedunculate Oak standards. Species within the hedgerow include Blackthorn, Hawthorn, Dog-rose (*Rosa canina*), Field Maple, Dogwood (*Cornus sanguinea*), cultivated Hawthorn (*Crataegus* sp.), Elder, Hazel, Holly and Sycamore. Ground flora below the hedge includes Dog's Mercury, Bluebell, Wood Dock (*Rumex sanguineus*), Germander Speedwell (*Veronica chamaedrys*) and Bush Vetch (*Vicia sepium*). A dry ditch is present below the hedgerow which is overgrown with Pendulous Sedge, Great Willowherb (*Epilobium hirsutum*) and Common Nettle.
14. Hardstanding track leading to a farmyard which comprises a number of agricultural buildings associated with a dairy farm. To the north of the track is a managed hedgerow comprising Hawthorn, Field Maple and Elder and to the south is a post and wire fence.
15. Modified grassland field with species including Yorkshire Fog, Creeping Buttercup (*Ranunculus repens*), Rough Meadow-grass, Smooth Meadow-grass, Meadow Foxtail, Sweet Vernal-grass (*Anthoxanthum odoratum*), Smaller Cat's tail (*Phleum bertolonii*), Cock's Foot, Creeping Thistle, Common Nettle, White Clover (*Trifolium repens*), Soft Brome, Red Clover (*Trifolium pratense*), Common Mouse-ear (*Cerastium fontanum*), Creeping Cinquefoil, Common Vetch and Field Speedwell (*Veronica persica*).

16. Mature hedgerow with Pedunculate Oak standards. Further species include Hawthorn, Pedunculate Oak, Blackthorn, Field Maple, Spindle (*Euonymus europaea*), Bramble, Dogwood and Black Bryony (*Tamus communis*). The hedge leads into a post and rail fence bordering an off-site residential property at its southern end.
17. Outgrown hedgerow with large gaps in the middle section, with standards comprising Blackthorn, Hawthorn, Pedunculate Oak, Field Maple, Ash and Elder with Leyland Cypress (*Cupressus × leylandii*) present adjacent to the residential property. The hedgerow becomes more managed, defunct and less diverse at the southern end where it is adjacent to the road.
18. Modified grassland field similar in species composition to target note 15 with mature Oak trees and a short section of dry ditch in the south. Bordering the east of the field is a mature treeline along a post and wire fence with species including mature Pedunculate Oak with younger Ash, Field Maple and Blackthorn with Bramble scrub below.
19. A Bramble dominated hedgerow along the road leads into a scrubby treeline adjacent to off-site residential property with Ash, Horse Chestnut (*Aesculus hippocastanum*), Hawthorn, Sycamore and Hazel, with mature Pedunculate Oak trees at the southern end.
20. Short section of managed hedgerow comprising Blackthorn, Hawthorn and Bramble with a dry ditch below. Common Nettle and Cleavers dominate the ground flora with infrequent Ground Ivy, Wood Avens (*Geum urbanum*) and Cuckoo Flower.
21. Mature treeline of Pedunculate Oak, one recently fallen, with scrubby trees below including Hawthorn, Holly, Field Maple and Ash. A dry ditch runs the length of the treeline and the ground is poached underneath.
22. A modified grassland field with species comprising Perennial Ryegrass, Scented Mayweed (*Matricaria chamomilla*), White Clover, Curled Dock, Timothy (*Phleum pratense*), Creeping Buttercup, Greater Plantain, Ragwort, Spear Thistle, Dandelion, Nipplewort (*Lapsana communis*), Great Willowherb, Smooth Meadow Grass, Selfheal (*Prunella vulgaris*), Scarlet Pimpernel (*Anagallis arvensis*), Common Mouse-ear, Yorkshire Fog and Common Knotgrass (*Polygonum aviculare*). A managed hedgerow borders the field to the east and is dominated by Hawthorn and Blackthorn with Hazel, Dog-rose and Bramble. Ash standards are also present. Along the western boundary of the field is a mature, intact, hedgerow up to 6m tall and 3m wide, with a dry ditch below. The western hedge comprises Blackthorn, Holly, Elder, Hazel, Hawthorn, Field Maple and Small-leaved Lime (*Tilia cordata*), with Ash and Oak standards. The hedgerow to the south is managed to 2m with two Oak standards and a ditch at its base that was dry at the time of survey, with species including Blackthorn, Dogwood, Dog-rose, Hawthorn and Ash. In addition to the grassland species above, Greater Stitchwort (*Stellaria holostea*) and Bluebell are present below the hedge.
23. A fallow arable field, heavily overgrown with ephemeral and ruderal species at the time of survey, including Pineappleweed (*Matricaria discoidea*), Greater Plantain, Common Fleabane (*Pulicaria dysenterica*), Groundsel (*Senecio vulgaris*), Bristly Ox-tongue (*Helminthotheca echioides*), Redshank (*Persicaria maculosa*), Spear Thistle, Common Nettle, Germander Speedwell, Goosefoot (*Chenopodium* sp.), Greater Willowherb, Scarlet Pimpernel, Shepherd's Purse (*Capsella bursa-pastoris*), Creeping Thistle, Black Medick (*Medicago lupulina*), Dandelion, Birds-foot Trefoil (*Lotus corniculatus*), Ragwort, Greater Burdock (*Arctium lappa*), Yorkshire Fog, Creeping Cinquefoil, Broad-leaved dock and Soft Brome, with a mound of spoil in the north-western corner. The hedgerow to the east is unmanaged and includes Oak, Hawthorn, Elder, Field Maple and Bramble.
24. A modified grassland field with species composition similar to target note 22. The northern boundary of the field is bordered by an intact hedgerow with Ash standards. Further species present in the hedge include Hawthorn, Hazel, Elder, Blackthorn, Goat Willow (*Salix caprea*), Grey Willow (*Salix cinerea*), Oak and Bramble. A dry ditch runs below the hedge.
25. Unmanaged hedgerow, up 8m tall, comprising Holly, Hawthorn, Elder, Hazel, Field Maple, Dog-rose, Bramble and Oak standards with a dry ditch below. The hedgerow leads to the south into

a post and rail fence with mature Oak standards along the boundary with off-site residential properties.

26. A modified grassland field with a species composition similar to target note 22. The field is bordered to the east, and south by managed hedgerows dominated by Blackthorn with occasional Dogwood, Hawthorn, Holly, Field Maple and Bramble with Ash and Oak standards, with the hedgerow to the east having a ditch at its base. The hedgerow to the west is partially outgrown with Oak standards and a ditch.
27. A modified grassland field with a species composition similar to target note 22. Along the southern field boundary is a managed hedgerow adjacent to a footpath comprising Blackthorn, Dog-rose, Field Maple, Willow (*Salix* sp.), Hazel, Hawthorn and Bramble. Along the western field boundary is a managed hedgerow comprising Oak standards with Blackthorn, Hazel, Elder, Hawthorn, Dogwood and Bramble. Black Bryony, Lords and Ladies and Bracken are present within the hedge. On the northern boundary is a post and rail fence.
28. A field of Maize with a field margin of up to 2m in width including Grass Vetchling (*Lathyrus nissolia*), Birds-foot Trefoil (*Lotus corniculatus*), Bluebell, Hairy Tare (*Vicia hirsuta*) and St John's Wort (*Hypericum* sp.). An open sided barn is present in the north-west of the field and a bare earth farm track is located along the northern margin of the field. A managed, intact hedgerow comprising Hawthorn, Hazel, Field Maple, Blackthorn, Elder, Turkey Oak (*Quercus cerris*), Ash, Holly, Dog-rose, Privet and Pedunculate Oak with Ash and Oak standards is present along the northern field boundary, with a dry ditch below. Along the southern, eastern and western boundaries are hedgerows with Hawthorn, Hazel, Ash, Rose, Bramble, Blackthorn and Dogwood.
29. A field planted to Maize similar to Target Note 28, with an outgrown hedgerow to the north with Oak standards and Blackthorn and Hawthorn.
30. Intact hedgerow with Oak standards. Blackthorn is dominant, whilst Ash, Dog-rose, Hawthorn, Field Maple, Willow and Hazel are also present. A dry ditch with a small seasonal pond with gently sloping earth banks is also present below.
31. A field planted to Maize, with other species in the cultivated area including Goosefoot, Field Bindweed, Scarlet Pimpernel and Redshank. With grassland margins of up to 4m including Perennial Ryegrass, White Clover, Timothy, Cock's foot, Creeping Buttercup, Field Bindweed, Greater Plantain, Black Knapweed, Creeping Cinquefoil, Greater Stitchwort and Bush Vetch. On the western boundary is an intact Blackthorn dominated hedgerow managed to 2m. Other species present include Ash, Dog-rose, Field Maple, Hazel, Bramble, and Oak. A dry ditch runs along the eastern side of the hedgerow.
32. Intact hedgerow to approximately 2.5m, with species including Hawthorn, Dogwood, Hazel, Elder, Field Maple, Blackthorn, Dog-rose and Bramble with Ivy and Black Bryony. Ground flora below the hedgerow includes Cleavers, Wood Avens, Ground Ivy, Dog's Mercury, Bush Vetch, Common Nettle, Lesser Stitchwort, Germander Speedwell, Silverweed (*Potentilla anserina*), Broadleaved Dock, Bracken, Hogweed, Garlic Mustard, Wood Millet and False Brome. North of the hedgerow is a public footpath and beyond fences and ornamental hedgerows enclosing the gardens of off-site residential properties.
33. A public footpath runs through the site and bordered by hedgerows.
34. A field planted to Maize with grass margins, with species as TN31.
35. Section of hedgerow comprising Pedunculate Oak, Hawthorn, Dog-rose, Hazel, Holly, Blackthorn and Field Maple with mature Pedunculate Oak and Holly trees. Occasional Bluebell and Bracken are present below the hedge.
36. Intact occasionally managed hedgerow on the site boundary, to 4-5m in height. With mature Pedunculate Oak and Ash at the northern end, with other species including Hawthorn, Hazel, Field Maple, Blackthorn, Sycamore, Dog Rose and Bramble. Apple (*Malus* sp.) trees, Cypress

sp., and Horse Chestnut are infrequent. Ground flora below the hedge includes Common Ivy, Germander Speedwell, Greater Stitchwort, Wood Avens, Common Vetch, Dog's Mercury, Wood Millet and Bracken. A dry ditch runs the length of the hedgerow and is dominated by tall ruderal vegetation.

37. Hedgerow with mature standards of Ash and Oak. Hedgerow species include Ash, Dog Wood, Rose (*Rosa* sp.), Bramble, Common Nettle, Honeysuckle, Blackthorn, Hawthorn, Elder, Holly and Field Maple. A dry ditch is present below.
38. Intact hedgerow with dry ditch and public footpath to north. Species within hedgerow include Ash, Common Lime, Hawthorn, Wayfaring Tree (*Viburnum lantana*), Hazel, Blackthorn and Dog Rose. Water Mint (*Mentha aquatica*) is occasionally present within the ditch below.
39. Arable field planted to maize, with grass margins to the north, east and south, with species including Hedge Bindweed, Cock's Foot, Common Knotgrass, Soft Rush (*Juncus effusus*), Burdock, False Oat Grass, Field Bindweed, Black Knapweed, Bird's Foot Trefoil, Creeping Thistle, Goosefoot, Spear Thistle, Scented Mayweed and Compact Rush (*Juncus conglomeratus*), with Oak seedlings and Bramble. The field is bordered by managed hedgerows with mature standards and dry ditches below. A bare earth public footpath/farm track is situated along the western margin of the field.
40. Arable field of Maize. The northern boundary of the field is lined with Oak and Ash standards and an intact hedgerow with species including Blackthorn, Dog-rose, Ash, Hawthorn, Bramble, Hazel, Oak, Field Maple, Holly and Elder. The eastern boundary hedge includes Field Maple, Holly and Blackthorn, with Bracken and White Clover and a ditch at the base. A bare earth public footpath/farm track is situated along the western margin of the field. The field is bordered to the west by a managed intact hedgerow with dry ditch below.
41. Cattle grazed modified grassland field, with a sward height under 10cm at the time of survey comprising Perennial Ryegrass, Yorkshire Fog, Broad-leaved Dock, Creeping Buttercup and Field Bindweed.
42. Small area of woodland (Smith's Copse) included on Natural England's Inventory of Ancient Woodland enclosed by a hedgerow and post and wire fence. Woodland trees include Ash and Oak with Hazel coppice, with a thick understorey including Holly, Hawthorn, Blackthorn, Rhododendron, Crab Apple (*Malus sylvestris*) and Field Maple. Many of the more mature trees are clad in Ivy. Ground flora includes Lords and Ladies, Wild Garlic, Bluebell, Wood Anemone (*Anemone nemorosa*), Wood Melick, Herb Robert, Wood Avens, False Brome, Wood Sedge, Pendulous Sedge, Tufted Hair-grass (*Deschampsia cespitosa*) and Common Ivy.
43. Arable field planted to Maize. Bordering the field are intact hedgerows with a grassland field margin of approximately 1m. Species within the field margin include Meadow Foxtail, Cock's Foot, False Oat-grass, Rough Meadow-grass, Annual Meadow-grass (*Poa annua*), Barren Brome, Yorkshire Fog, Ground Ivy, Cowslip (*Primula veris*), Dog's Mercury, Common Ivy, Creeping Cinquefoil, Cut-leaved Cranesbill, Garlic Mustard, Field Horsetail (*Equisetum arvense*), Scarlet Pimpernel, Wood Avens, Cleavers, Bluebell, Common Vetch, Hairy Tare, Wood Dock, Creeping Thistle and Common Nettle.
44. Intact hedgerow including Blackthorn, Dogwood, Field Maple, Willow, Bramble, Hawthorn, Rose, Pedunculate Oak, Lime and Hazel. The hedgerow is approximately 1.5m and 2m tall along most of its length. Mature Oak standards and a semi-mature Ash tree are present in the north-western corner.
45. Arable field planted to Maize. Mostly intact hedgerows with trees border the northern, eastern and western boundaries of the field with species including Hawthorn, Blackthorn, Pedunculate Oak, Elder, Hazel and Dog-rose. Below the hedgerows to the north and east is a dry ditch, overgrown with tall ruderal vegetation.
46. Courtland Wood, a Local Wildlife Site (LWS) of lowland deciduous woodland included on Natural England's Inventory of Ancient Woodland. Mature trees within the woodland include

Pedunculate Oak, Ash, Birch and Willow with an understorey of Hazel coppice, Holly, Lime, Blackthorn, Dogwood, Dogrose (*Rosa Canina*), Field Maple and Small-leaved Lime. The ground flora comprises Wood Speedwell (*Veronica montana*), Bluebell, Wood Dock, Wood Millet (*Milium effusum*), Wood Melick, Herb Robert, Wood Anemone (*Anemone nemorosa*), Wood Avens, Bush Vetch, abundant Wild Garlic (*Allium ursinum*), Pendulous Sedge, Yellow Archangel, Dog's Mercury, Bramble, Stinking Iris (*Iris foetidissima*) and Cleavers. The woodland slopes down to a stream along the western edge and dry ditches are present throughout the woodland. Public rights of way cross the wood from north to south and east to west.

47. Intact hedgerow comprising Hazel, Blackthorn, Oak, Field Maple, Dog-rose, Dogwood, Honeysuckle, Hawthorn, Bramble and an Oak standard. Flora at the base of the hedgerow includes Herb Robert, Greater Stitchwort, Soft Rush, Broadleaved Dock, Bush Vetch, Great Willowherb, Pendulous Sedge and Germander Speedwell.
48. Modified grassland field used for cattle grazing with a sward height under 10cm at the time of survey. Species present include Yorkshire Fog, Soft Brome, Smooth Meadow-grass, Creeping Bent (*Agrostis stolonifera*), Barren Brome, Rough Meadow-grass, Cock's Foot, Bulbous Buttercup (*Ranunculus bulbosus*), White Clover, Germander Speedwell and Dandelion. A managed native hedgerow of Hawthorn, Oak and Ash is present on the northern and western boundary, with a ditch below.
49. Scrubby, defunct hedgerow dominated by Bramble and Rose with occasional Elder and Hawthorn. The hedgerow transitions into woodland at the eastern end, with species including Small-leaved Lime, Pedunculate Oak, Whitebeam (*Sorbus aria*) and Hazel. Below the hedgerow Lords and Ladies, Ground Ivy, Cleavers, Dog's Mercury and Common Nettle are present.
50. Rough, modified grassland field, with a sward of approximately 20cm at the time of survey. Species present include Yorkshire Fog, Meadow Foxtail, Sweet Vernal-grass, Annual Meadow-grass, Rough Meadow-grass, Common Mouse-ear, Dandelion, Self-Heal (*Prunella vulgaris*), Meadow Buttercup, Broadleaved Dock, Creeping Buttercup, White Clover, Black Medick, False Brome, Timothy, Dandelion and Perennial Ryegrass and Spear Thistle, with Creeping Thistle abundant in some patches.
51. Intact hedgerow managed to approximately 2.5m in height with species including Hawthorn, Blackthorn (*Rhamnus cathartica*), Blackthorn, Field Maple, Dog-rose and Field-rose (*Rosa arvensis*) with Black Bryony. Ground flora below the hedgerow includes Greater Stitchwort, Herb Robert, Bugle (*Ajuga reptans*), Germander Speedwell, Cleavers, Ground Ivy, Bush Vetch, Garlic Mustard, Wood Dock, Common Sorrel and Common Nettle. A damp ditch is present below the western side of the hedgerow with Water Mint and Hemlock Water-dropwort (*Oenanthe crocata*) present within the ditch.
52. Modified grassland field with a similar species-composition to target note 50. The hedgerow to the south of the field is managed to 2m and comprises Blackthorn, Field Maple and two Oak standards, with a dry ditch at its base.
53. An arable field of Wheat with 3-4m wide field margins comprising Yorkshire Fog, Timothy, Cock's-foot and Field Bindweed. The boundary hedgerows to the west and south are managed to 2m and include Dogwood, Blackthorn and Dog-rose, with ditches at their base.
54. Intact hedgerow dominated by Dogwood although Ash, Blackthorn, Hawthorn, Rose, Bramble, Field Maple and Honeysuckle are also present along with Common Nettle and Dock. Hedgerow becomes more Hawthorn dominated to the north where it encloses the gardens of residential properties. Cypress sp., Ash and Oak standards are more frequent towards the northern end where it borders off-site residential properties.
55. Heavily shaded pond located at a junction of three hedgerows. The pond was dry at the time of survey with a silt/mud base, with Pendulous Sedge on the periphery. Areas of the pond margin have been heavily trampled by cattle, which together with shading has resulted in minimal

marginal vegetation. Trees surrounding the pond are typical of adjoining hedgerows including Field Maple, Hawthorn, Oak and Ash.

56. Cattle grazed modified grassland field with a similar species-composition to target note 50 with additional species including Scentless Mayweed (*Tripleurospermum inodorum*) also present, the grassland had a sward height of 10cm at the time of survey.
57. Area of new housing development situated beyond the site boundary.
58. Cattle-grazed, modified grassland field with a species composition similar to target note 50, the grassland had a sward height of 15cm at the time of survey. Bordered by Blackthorn and Hawthorn dominated hedgerows with Oak standards forming the northern and eastern boundaries. The southern boundary comprises an outgrown hedgerow of Ash, Oak and Aspen (*Populus tremula*) merging into woodland at the western end.
59. Cattle grazed, modified grassland field with heavy poaching around gateways, and a species composition similar to target note 50, the grassland had a sward height of 10cm at the time of survey.
60. Mature, outgrown hedgerow with trees comprising species including Ash, Oak, Hawthorn, Field Maple and Willow. A heavily shaded ditch containing a shallow amount of water at the time of survey, runs below the hedge.
61. Cattle grazed, modified grassland field with species similar to target note 50, the grassland had a sward height of 15cm at the time of survey. A mature Oak standard tree is present in the north-western corner.
62. Intact hedgerow with species including Blackthorn, Hawthorn and Dog-rose with Field Maple, Oak, Ash and Willow standards. A seasonally wet ditch overgrown with Bramble and Common Nettle is present below the hedgerow.
63. Cattle grazed modified grassland field with species including Rough Meadow-grass, Smooth Meadow-grass, Annual Meadow-grass, Meadow Foxtail, Soft Brome, Yorkshire Fog, Creeping Buttercup, Common Mouse-ear and Dandelion, the grassland had a sward height of 10cm at the time of survey. A scrubby hedgerow including Oak, Ash and Bramble is present to the north.
64. Managed, intact hedgerow to approximately 3m, with a number of Oak, Ash and Field Maple standards. Species within the hedgerow include Hawthorn, Elder, Blackthorn, Dog-rose and Field Maple, with Bramble becoming dominant at the southern end. A dry ditch runs below the western edge of the hedgerow, which is dominated by tall grasses and Soft Rush.
65. Outgrown hedgerow with Oak trees and Bramble scrub acting as boundary between field and public footpath.
66. Modified grassland field bordered by fencing and recently planted Hawthorn hedgerow. The grassland is dominated by Perennial Rye-grass, Soft Brome and Yorkshire Fog with occasional Smooth Meadow-grass, Dandelion, Bulbous Buttercup, Common Mouse-ear, Broadleaved Dock and Prickly Sow-thistle, the grassland had a sward height of 10cm at the time of survey. The boundary of the grassland with the property to the east comprises an outgrown, scrubby hedgerow comprising of Elder, Blackthorn, Hawthorn and Bramble with Oak, Ash and Cypress standards, and the recently established native hedgerows to the north and south are managed to approximately 2m.
67. Collection of agricultural buildings within the farmyard of Great House Farm, largely of concrete and corrugated metal construction. Areas of bare ground and tall ruderal vegetation are present throughout.
68. Woodland shaw lining banks of Marlpost Gill and included on Natural England's Inventory of Ancient Woodland. At this point the stream is up to 1m in width and 10cm in depth with a slow flow. The earth banks are steep in places, with less steep areas heavily trampled by cattle.

Heavy shading from the woodland has resulted in minimal/absent aquatic and marginal vegetation, with flora along the stream banks dominated by Wild Garlic and Bluebell. The woodland is dominated by Ash and Pedunculate Oak with Lime, Willow and Birch, and has a sub-canopy of predominantly Hazel, with some Hawthorn, Field Maple, Holly and Blackthorn. Many of the mature trees are covered in Common Ivy (*Hedera helix*). The ground flora further from the stream comprises additional species to those mentioned above including Wood Anemone, Wood Melick, Sticky Mouse-ear (*Cerastium glomeratum*) and Soft Rush.

69. An occasional pond that was dry at the time of survey, with a silty base covered in leaf litter. No aquatic or marginal vegetation was present.
70. Public footpath and cycle path located atop a steep sided earth embankment bordered on both sides by mature outgrown hedgerows with species including Ash, Pedunculate Oak, Hazel and Hawthorn. Narrow grassland margins are present to either side of the footpath supporting species including Soft Brome, Wood False-brome, Hogweed, Greater Stitchwort, Common Ivy, Germander Speedwell, Cleavers, Wood Dock, Cow Parsley, Common Nettle and Ribwort Plantain (*Plantago lanceolata*).
71. Intact hedgerow, managed to approximately 1.5m in height, comprising Hazel, Hawthorn, Holly, Blackthorn and Field Maple with Lombardy Poplar (*Populus nigra x italica*) and Pedunculate Oak standards. A section of Marlpost Gill flows below the hedgerow. The stream was dry at the time of survey.
72. Cattle grazed modified grassland field, with a sward height of approximately 15cm at the time of survey. Species present within the grassland include Meadow Foxtail, Cock's Foot, Soft Brome, Annual Meadow-grass, Rough Meadow-grass, Yorkshire Fog and Lesser Cat's Tail with scattered Creeping Thistle. Forb species are infrequent throughout the grassland and include White Clover, Common Mouse-ear, Thyme-leaved Speedwell (*Veronica serpyllifolia*) and Spear Thistle. A short line of scrub comprising Hazel, Hawthorn, Bramble and a dead tree is present in the east of the field.
73. Cattle grazed modified grassland field similar in species composition to target note 72 and a sward height of approximately 15cm at the time of survey, with scattered Pedunculate Oak standards. Forb species are infrequent and include White Clover, Common Mouse-ear and Spear Thistle.
74. A small pond with gently sloping earth banks and approximately 10cm of water at the time of survey. The pond is heavily shaded by Oak, Hazel, Hawthorn and Field Maple scrub. Aquatic and marginal species present include Lesser Duckweed (*Lemna minor*), Floating Sweet-grass (*Glyceria fluitans*) and Pendulous Sedge with Wavy Bitter Cress, Bluebell and Common Nettle present on the banks.
75. Intact hedgerow lined with standards alongside a dry ditch. The southern end of the hedgerow encloses the grounds of a residential property, where some non-native species are found, such as Cherry Laurel (*Prunus laurocerasus*), Cypress sp. and Apple, among the typical hedgerow species including Holly, Hazel, Ash and Bramble. The section of the hedgerow that does not pertain to the boundary of the property is dominated by Blackthorn with Field Maple, Hawthorn, Hazel, Pedunculate Oak and Horse Chestnut. Ground flora below the hedge includes Wood Avens, Germander Speedwell, Wood Dock, Common Nettle and Cleavers.
76. Culvert where stream (Marlpost Gill) emerges, having been directed beneath the ground. The course of stream at this point is meandering with a silt/earth bottom, with approximately 15cm of water at the time of survey. Banks of stream comprise bare earth and are steep sloping.
77. Off-site broadleaved woodland, named Kirsty's Wood, borders the site to the south. The woodland is dominated by mature Ash and Pedunculate Oak with an understorey of Hazel and Holly with Rhododendron. Ground flora includes Wild Garlic, Bluebell, Wood Melick, Yellow Archangel, Dog's Mercury, Wood Speedwell, Greater Stitchwort and Bramble. A shallow, slow flowing stream (Marlpost Gill) with earth banks flows through the woodland.

78. Off-site detached farmhouse and garden.
79. Off-site existing residential houses and gardens to the east of the site.
80. Off-site grassland fields to the south-west of the site.
81. Off-site arable fields and Two Mile Ash Road to the west of the site.