## Schedule of trees on land at North Horsham, Phase 1 Area 4

| Tree No. | Species | Ht (m) | Branch Spread (m) | | | | Stem diameters (cm) | | | | | | | | | Height of crown clear over path | Height of first branch (m) and direction (compass point) | Age class | Category grading | Estimated remaining contribution (yrs) | Condition Physiological / Structural | Preliminary management recommendations | Root protection radius (m) | Root protection area sq.m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | N | E | S | W | Single Stem | 2-5 stems: Stem 1 | Stem 2 | Stem 3 | Stem 4 | Stem 5 | More than 5 stems: Mean dia | No. stems | | | | | | | | | | |
| 1 | Group of goat willow | 7av | | 4av | | | 15av | | | | | | | | | 0 | - | Y | C2 | >10 | Cluster of small trees growing within bramble. | | 1.80 | 10 |
| 2 | Ash | 16 | 7 | 6 | 8 | 7 | 80e | | | | | | | | | 3 | 3N | E | C1 | >10 | Established tree but showing signs of Ash Dieback. Ivy smothered stem. | | 9.60 | 290 |
| 3 | Ash | 14 | 8 | 7 | 7 | 7 | 95e | | | | | | | | | 3 | 3N | E | B1 | >20 | Established tree growing on boundary with adjoining property. Ivy smothered stem. | | 11.40 | 408 |
| 4 | Hawthorn & field maple hedgerow | 2av | | 1av | | | 10av | | | | | | | | | 0 | - | E | B2 | >20 | Established and maintained hedgerow at boundary with adjoining property. Includes some sycamore, hazel and blackthorn. | | 1.20 | 5 |
| 5 | English oak | 17 | 8 | 8 | 9 | 10 | 90e | | | | | | | | | 2 | 2E | E | A1 | >40 | Established tree growing in adjoining property, Ivy smothered stem. | | 10.80 | 366 |
| 6 | English oak | 14 | 3 | 2 | 4 | 4 | 25e | | | | | | | | | 4 | 4S | Y | B2 | >20 | Slender tree growing in bank adjoining Old Holbrook. | | 3.00 | 28 |
| 7 | Row of mixed broadleaves | <18 | | <9 | | | <80 | | | | | | | | | 3 | 3E | E | A2 | >40 | Strong linear collection of trees to west of Old Holbrook. | | 9.60 | 290 |
| 8 | Mixed broadleaf hedgerow | 5av | | 3av | | | 20av | | | | | | | | | 0 | - | E | B2 | >20 | Established but outgrown hedgerow to east of Old Holbrook. Species include hornbeam, ash, English oak, field maple, hawthorn and blackthorn. Previously managed at circa 1.2 metres above ground level and subsequently outgrown. | | 2.40 | 18 |
| 9 | Mixed broadleaf hedgerow | 9av | | 4av | | | 25av | | | | | | | | | 0 | - | E | B2 | >20 | Established but outgrown hedgerow to east of Old Holbrook. Predominantly hornbeam with some hazel, blackthorn, English oak and holly. | | 3.00 | 28 |
| 10 | Group of field maple & goat willow | 10av | | 6av | | | 35av | | | | | | | | | 0 | - | E | B2 | >20 | Established but outgrown from hedgerow. | | 4.20 | 55 |
| 11 | Mixed broadleaf hedgerow | 7av | | 2av | | | 15av | | | | | | | | | 0 | - | S | B2 | >20 | Established but outgrown hedgerow. Predominantly hawthorn and blackthorn with some holly, hazel and elder. Core of hedgerow running along southern side of ditch at western end of southern boundary, and northern side of ditch at eastern end of southern boundary. Some encroachment of vegetation to north of ditch. | | 4.20 | 55 |
| 12 | Field maple | 13 | 4 | 6 | 7 | 6 | | 40e | 40e | 40e | 40e | | | | | 2 | 2N | E | B2 | >20 | Larger component of hedgerow. Ivy smothered stems. | | 9.60 | 290 |
| 13 | Field maple | 12 | 4 | 5 | 6 | 5 | | | | | | | 20 | 6 | | 2 | 2N | E | B2 | >20 | Larger component of hedgerow. | | 5.88 | 109 |
| 14 | Group of field maple | 12av | | 5av | | | 45av | | | | | | | | | 3 | 3N | E | B2 | >20 | Larger components of hedgerow. | | 5.40 | 92 |
| 15 | Mixed broadleaf tree-belt | <17 | | <8 | | | <55 | | | | | | | | | 0 | - | E | A2 | >40 | Prominent band of trees on either side of stream. Upper canopy consists of primarily English oak and ash. The latter showing signs of Ash Dieback. Understorey of hawthorn, hazel, hornbeam, crab apple, ash and holly. | | 6.60 | 137 |
| 16 | English oak | 17 | 11 | 12 | 7 | 8 | 105e | | | | | | | | | 2 | 2E | E | A2 | >40 | Larger component of tree-belt. Ivy smothered stem. | | 12.60 | 499 |
| 17 | English oak | 16 | 9 | 12 | 9 | 9 | 115e | | | | | | | | | 3 | 3N | E | A2 | >40 | Larger component of tree-belt. Stands to east of stream. Some crown retraction. Stems covered in predominantly dead ivy. | | 13.80 | 598 |
| 18 | English oak | 17 | 11 | 11 | 9 | 8 | 109 | | | | | | | | | 3 | 3W | E | A2 | >40 | Larger component of tree-belt. Some crown retraction. Partial smothering of ivy on main stem. | | 13.08 | 538 |
| 19 | English oak | 16 | 10 | 4 | 9 | 9 | 85e | | | | | | | | | 3 | 3SW | E | A2 | >40 | Larger component of tree-belt. Lower stem partially smothered in ivy. | | 10.20 | 327 |
| 20 | English oak | 14 | 6 | 8 | 5 | 7 | 75e | | | | | | | | | 2 | 2W | E | A2 | >40 | Larger component of tree-belt. Ivy smothered crown. | | 9.00 | 255 |
| 21 | English oak | 17 | 13 | 12 | 11 | 11 | 95e | | | | | | | | | 3 | 3S | E | A2 | >40 | Larger component of tree-belt. Main stem partially covered in ivy. Stands to east of stream. | | 11.40 | 408 |
| 22 | English oak | 12 | 6 | 9 | 5 | 6 | 60e | | | | | | | | | 3 | 3SE | E | A2 | >40 | Larger component of tree-belt. Ivy smothered stem. | | 7.20 | 163 |
| 23 | English oak | 15 | 4 | 7 | 7 | 7 | 69 | | | | | | | | | 6 | 6SE | E | A2 | >40 | Larger component of tree-belt. Growing on western bank of stream. | | 8.28 | 215 |




NORTH

0 5m 10m 25m 50m

NOTES

1. **This tree survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.**
2. The original of this drawing was produced in colour – a monochrome copy should not be relied upon.
3. Scale for planning purposes only.
4. All dimensions to be checked on site.
5. The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
6. Details shown on this drawing are devised with reference to BS5837:2012 *Trees in relation to design, demolition and construction - Recommendations*.
7. Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.
8. Ancient Woodland (England) based on information from MAGIC website.
9. Topographical survey based on mksurveys Project Number 27971 Rev 2.
10. Where trees were not identified on the topographical survey they have been plotted by eye.

KEY

1. Trees to be considered for retention:
(Coloured line indicates extent of canopy)
   - Tree Category A 1,2 or 3 - Trees of high quality
   - Tree Category B 1,2 or 3 - Trees of moderate quality
   - Tree Category C 1,2 or 3 - Trees of low quality
2. Trees unsuitable for retention:
(Coloured line indicates extent of canopy)
   - Tree Category U - Trees that cannot realistically be retained due to their condition
3. Protection Areas:
   - Root Protection Area (RPA) (where RPAs overlap the shading will appear darker)
   - Minimum 15m buffer to Ancient Woodland
4. Tree/Hedge numbering;
   - 9 Tree number - refer to schedule for information
5. Designations:
   - Ancient and Semi-Natural Woodland

KEY TO TREE SCHEDULE

| Column Heading | Explanation |
|---|---|
| Tree No. | Unique number corresponding with number on plan |
| Species | English names |
| Ht (m) | Height in metres |
| Branch Spread | Crown radius in metres to cardinal points of the compass |
| Stem Dia | All measurements conform to Annex C of BS 5837:2012<br>Single stem - Stem diameter in centimetres measured at 1.5m above ground level.<br>Multi-stemmed tree with 2 to 5 stems - Diameter of each stem<br>Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems |
| Height of crown clearance | Height in metres between the ground and underside of canopy |
| Height of first major branch and direction of growth | Height from ground level to base of first major branch and the approximate direction of growth |
| Abbreviations as suffix to a dimension | Suffix 'e' denotes an estimated dimension<br>Suffix 'av' denotes an average dimension |
| Age Class | Age Class definitions:<br>Y = Young S = Semi-mature E = Early mature<br>M = Mature O = Over mature |
| Category grading | Summary of BS 5837: 2012 categorisation:<br>1. Trees unsuitable for retention:<br>U = those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer that 10 years<br>2. Trees to be considered for retention:<br>A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs)<br>B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs)<br>C1, 2 or 3 = trees of low quality (but adequate, ie >10 yrs or young trees - until new planting can be established) |
| Estimated remaining contribution (yrs) | Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012 |
| Condition | Brief description including physiological and structural defects |
| Preliminary management recommendations | Describes current arboricultural requirement for the tree in its current context |
| Root Protection Radius | Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012 |
| Root Protection Area | Total area of minimum root protection area extrapolated from root protection radius |

| Rev | Description | Date |
|---|---|---|
| 0 | Preliminary issue | 14.01.26 |


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Client
BELLWAY HOMES LIMITED

Project
LAND AT NORTH HORSHAM,
PHASE 1 AREA 4

Title
**TREE CONSTRAINTS PLAN**

| Date | Scale |
|---|---|
| JAN 2026 | 1:500@A0 |
| Drawn by: ML | Checked by: JTK |

Drawing Number
**2541-KC-XX-YTREE-TCP01Rev0**