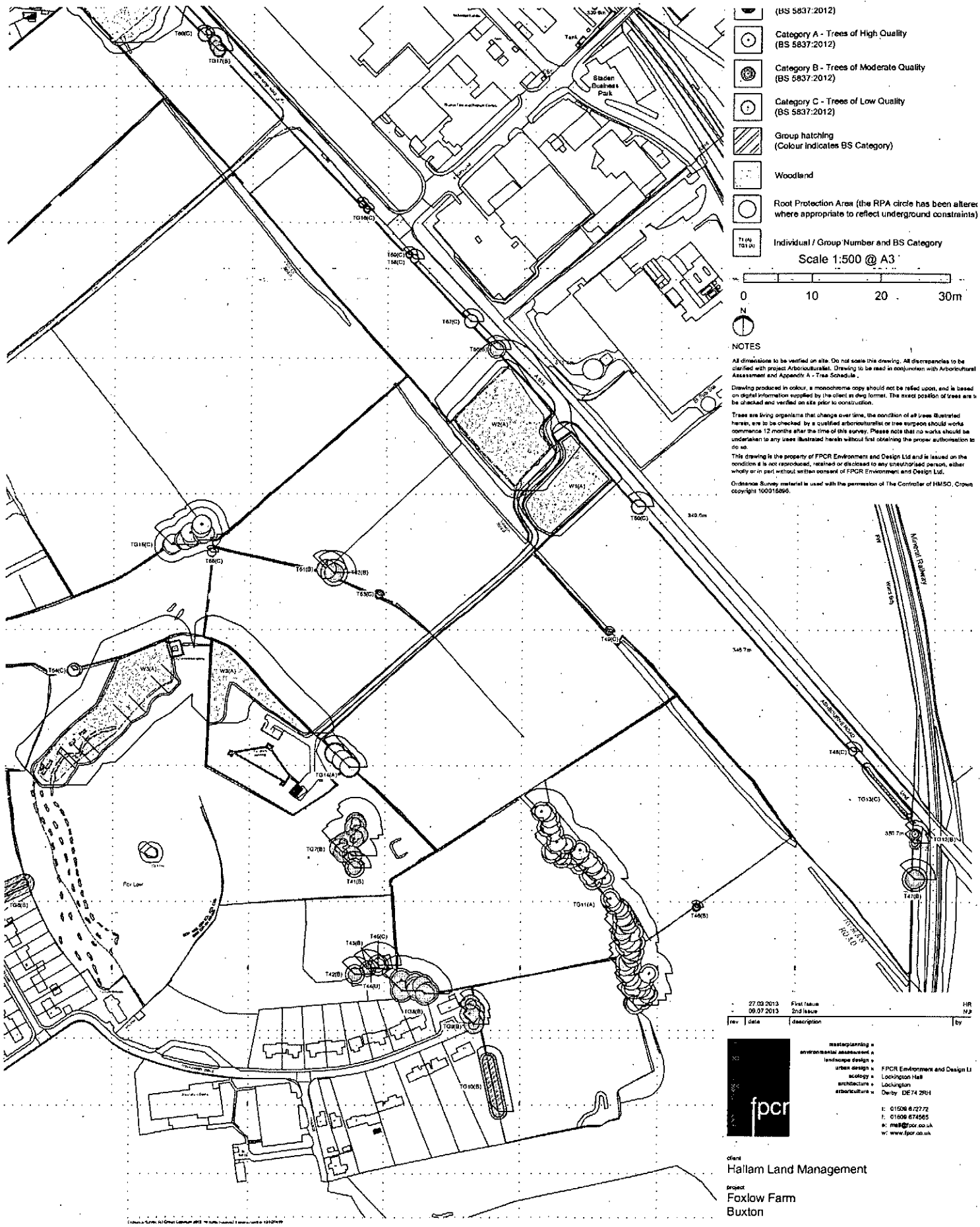



(BS 5837:2012)

Category A - Trees of High Quality (BS 5837:2012)

Category B - Trees of Moderate Quality (BS 5837:2012)

Category C - Trees of Low Quality (BS 5837:2012)

Group hatching (Colour indicates BS Category)

Woodland

Root Protection Area (the RPA circle has been altered where appropriate to reflect underground constraints)

T1 (A) TG1 (A) Individual / Group Number and BS Category

Scale 1:500 @ A3

0 10 20 30m

N

NOTES

All dimensions to be verified on site. Do not scale this drawing. All discrepancies to be clarified with project Arboriculturalist. Drawing to be read in conjunction with Arboricultural Assessment and Appendix A - Tree Schedule .

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Trees are living organisms that change over time, the condition of all trees illustrated herein, are to be checked by a qualified arboriculturalist or tree surgeon should works commence 12 months after the time of this survey. Please note that no works should be undertaken to any trees illustrated herein without first obtaining the proper authorisation to do so.

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| - | 27.03.2013 | First Issue | HR |
| - | 09.07.2013 | 2nd Issue | NJ |

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Buxton

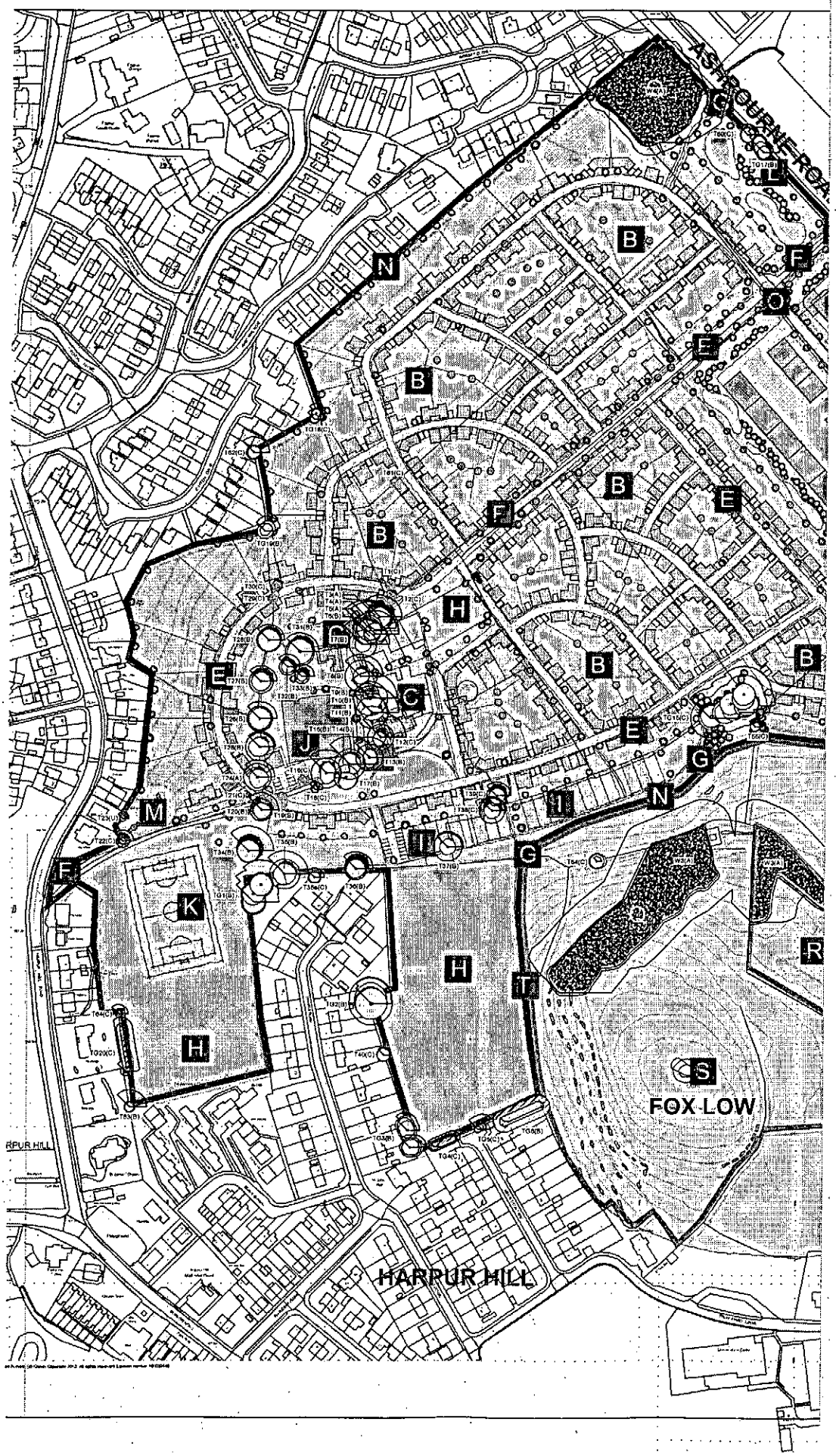
drawing title
TREE SURVEY PLAN
FIGURE 2.2

| scale | drawn | date |
|---|---|---|
| 1:500 @ A3 | HR | March 2013 |

drawing number
**5394-A-03**

rev
-

CAD file: J:\5300\5394\ARB\Plans\Fig 2 Tree Survey Plan.dwg




KEY

- Tree to be Retained
- Tree to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Root Protection Area (Shown for retained trees only)
- Line of Protective Barriers (and distance from tree stem)
- Individual / Group Number and BS Category

Scale 1:500 @ A3

0 10 20 30m

N

NOTES

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| A | 12.07.2013 | | HR |
| B | 01.08.2013 | | EC |

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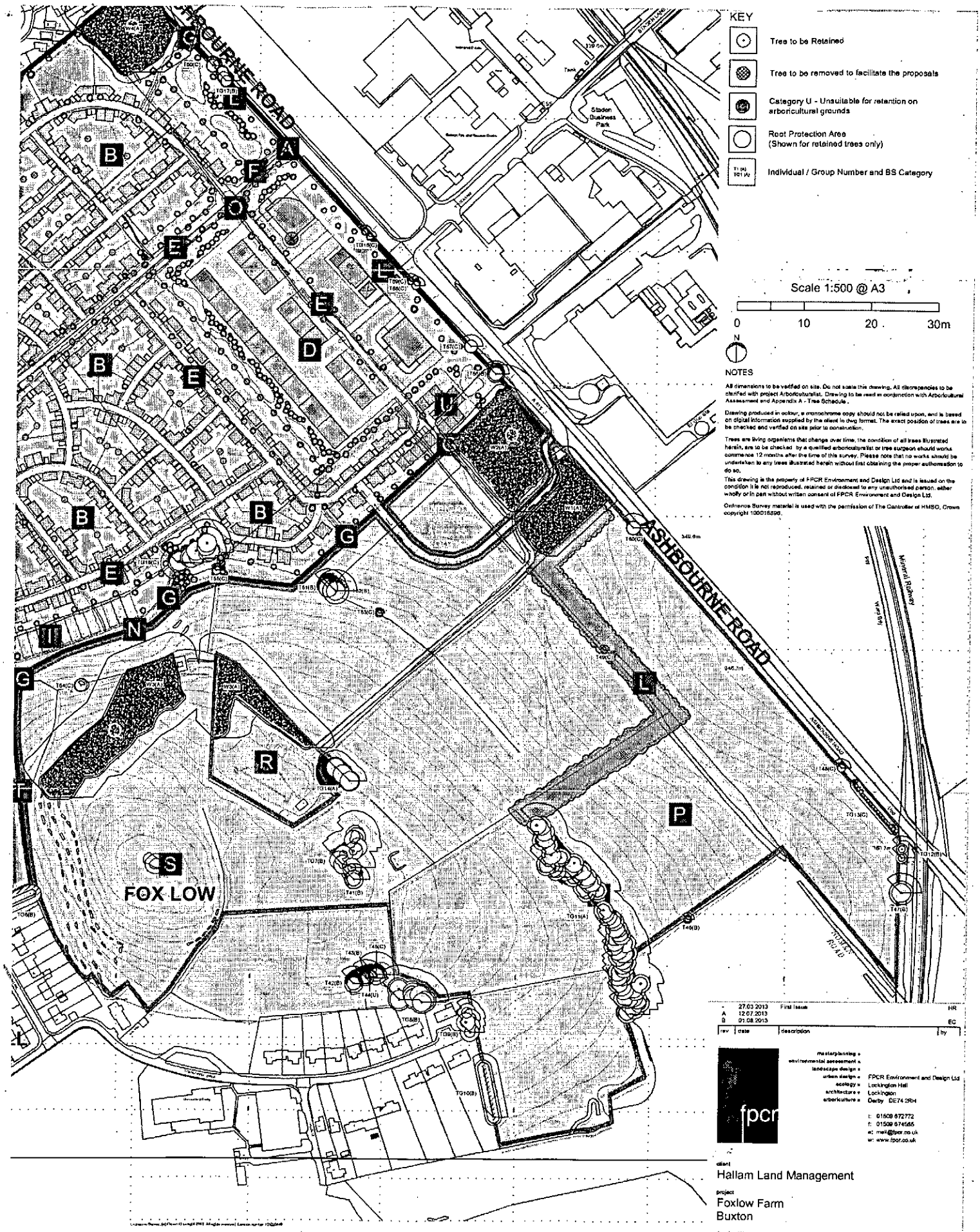
drawing title
TREE RETENTION PLAN
FIGURE 3.1

| scale | drawn | date |
|---|---|---|
| 1:500 @ A3 | EC | August 2013 |

drawing number
**5394-A-04**

rev
**B**

CAD file: J:\5300\5394\ARB\Plans\Fig 3 Tree Retention Plan REV B.dwg




KEY

- Tree to be Retained
- Tree to be removed to facilitate the proposals
- Category U - Unsuitable for retention on arboricultural grounds
- Root Protection Area (Shown for retained trees only)
- Individual / Group Number and BS Category

Scale 1:500 @ A3

0 10 20 30m

N

NOTES

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| B | 01.08.2013 | | EC |

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client
Hallam Land Management

project
Foxlow Farm
Buxton

drawing title
TREE RETENTION PLAN
FIGURE 3.2

| scale | drawn | date |
|---|---|---|
| 1:500 @ A3 | EC | August 2013 |

drawing number
**5394-A-05** rev **B**

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# Appendix A - Tree Schedule

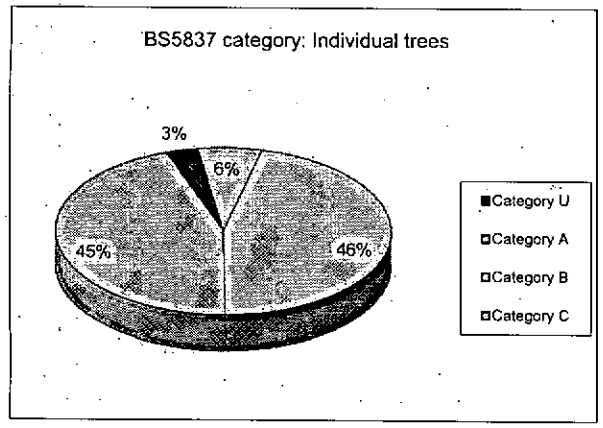
| Measurements | Age Class | Overall Condition | Root Protection Area (RPA) |
|---|---|---|---|
| Height - estimated from ground level (m). | YNG: Young trees up to ten years of age. | G - Good: Trees with only a few minor defects and in good overall health needing little, if any attention. | • The RPA column gives the required area ($m^2$).<br>• The RPA Radius column gives the radius (m) of an equivalent circle.<br>• The RPA is calculated using the formulae described in paragraph 4.6.1 of British Standard 5837: 2012 and is indicative of the required rooting area in order for a tree to be retained. |
| Stem Dia. - Diameter measured (mm) in accordance with Annex C of the BS5837. | SM: Semi-mature, trees less than 1/3 life expectancy. | F - Fair: Trees with minor, but rectifiable, defects or in the early stages of stress from which it may recover. | |
| Crown - crown spread estimated radially from the main stem (m). | EM: Early mature, trees 1/3 – 2/3 life expectancy. | P - Poor: Trees with major structural and/or physiological defects such that it is unlikely the tree will recover in the long term. | |
| Abbreviations<br>Est - Estimated stem diameter<br>Avg - Average stem diameter<br>Max - Maximum stem diameter | M: Mature trees, over 2/3 life expectancy. | D - Dead: Trees no longer alive. This could also apply to trees that are dying and unlikely to recover. | |
| | OM: Over mature, declining or moribund trees of low vigour. | In the assessment, of the BS category, particular consideration has been given to the following<br>• The health, vigour and condition of each tree<br>• The presence of any structural defects in each tree and its future life expectancy<br>• The size and form of each tree and its suitability within the context of a proposed development<br>• The location of each tree relative to existing site features e.g. its screening value or landscape features<br>• Age class<br>• Life expectancy | |
| | V: Veteran, tree possessing certain attributes relating to veteran trees. | | |

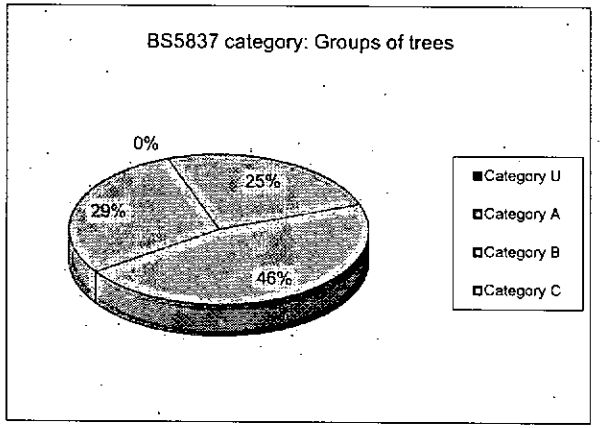
| Structural Condition |
| --- |
| The following has been considered when inspecting structural condition:<br>• The presence of fungal fruiting bodies around the base of the tree or on the stem, as they could possibly indicate the presence of possible internal decay.<br>• Soil cracks and any heaving of the soil around the base.<br>• Any abrupt bends in branches and limbs resulting from past pruning.<br>• Tight or weak 'V' shaped forks and co-dominant stems.<br>• Hazard beam formations and other such biomechanical related defects (as described by Claus Mattheck, Body Language of Trees HMSO Research for Amenity Trees No. 4 1994).<br>• Cavities as a result of limb losses or past pruning.<br>• Broken branches or storm damage.<br>• Canker formations.<br>• Loose or flaking bark.<br>• Damage to roots.<br>• Basal, stem or branch / limb cavities.<br>• Crown die-back or abnormal foliage size and colour.<br>• Any changes to the timing of normal leaf flush and leaf fall patterns. |

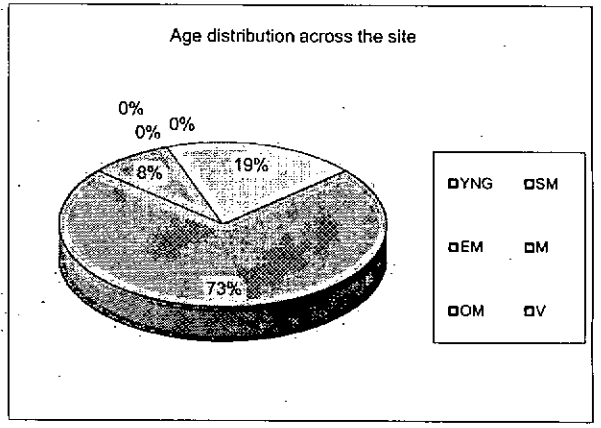
| Quality Assessment of Retention Category |
| --- |
| Category U - Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years. |
| Category A - Trees of high quality with an estimated remaining life expectancy of at least 40 years. |
| Category B - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years. |
| Category C - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm. |
| Sub-categories: (i) - Mainly arboricultural value<br>(ii) - Mainly landscape value<br>(iii) - Mainly cultural or conservation value |

# Appendix A - Summary

| Trees/Groups in each Category | Individual Trees | Totals | Groups of Trees | Totals |
|---|---|---|---|---|
| Category U | T23, T44 | 2 | | 0 |
| Category A | T3, T4, T5, T24 | 4 | TG11, TG14, W1, W2, W3, W4 | 6 |
| Category B | T6, T7, T8, T9, T10, T11, T13, T14, T15, T17, T19, T20, T25, T26, T27, T28, T31, T32, T34, T35, T36, T37, T41, T42, T43, T47, T51, T52, T56, T63 | 30 | TG1, TG2, TG3, TG6, TG7, TG8, TG9, TG10, TG12, TG17, TG19 | 11 |
| Category C | T1, T2, T12, T16, T18, T21, T22, T29, T30, T33, T35a, T38, T39, T40, T45, T46, T48, T49, T50, T53, T54, T55, T57, T58, T59, T60, T61, T62, T64 | 29 | TG4, TG5, TG13, TG15, TG16, TG18, TG20 | 7 |
| | Total | 65 | Total | 24 |



| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| **INDIVIDUAL TREES** | | | | | | | | | | |
| T1 | Goat Willow<br>Salix caprea | 6 | 120<br>170<br>160<br>190 | 3 | M | F | Multi-stemmed with typical species form<br>Some storm damage within the crown<br>Vehicle damage present with minor branch loss<br>Lower branch removals have been carried out in the past | 48 | 3.9 | C (i) |
| T2 | Sycamore<br>Acer pseudoplatanus | 8 | 360<br>270<br>210<br>180 | 4 | EM | F | Multi-stemmed form growing out of a dry stone wall<br>Even crown with no obvious defects | 126 | 6.3 | C (i) |
| T3 | Sycamore<br>Acer pseudoplatanus | 14 | 720 | N - 6<br>S - 7<br>E - 7<br>W - 6 | M | G | Debris around the base of the main stem<br>Basal sucker growth present<br>Ivy cover to 9m | 235 | 8.6 | A (i) |
| T4 | Beech<br>Fagus sylvatica | 17 | 680 | 7 | M | G | Situated on a mound<br>No obvious defects<br>Interlocking crown with T5 | 209 | 8.2 | A (i) |
| T5 | Beech<br>Fagus sylvatica | 20 | 750 | 7 | M | G | Situated on a mound<br>No obvious defects<br>Interlocking crown with T4 | 254 | 9.0 | A (i) |
| T6 | Sycamore<br>Acer pseudoplatanus | 15 | 580 | N - 7<br>S - 6<br>E - 7<br>W - 7 | M | F | Past pruning has been carried out to clear branches from over a road<br>Minor dead wood and broken branches within the crown<br>Suppressed form to the north due to surrounding trees | 152 | 7.0 | B (i) |
| T7 | Common Ash<br>Fraxinus excelsior | 17 | 730 | Up to 5 | M | F | Single straight stem with some broken branches and storm damage within the crown<br>Past pruning has been carried out to clear branches from over the road<br>Epicormic growth on the main stem | 241 | 8.8 | B (i) |
| T8 | Sycamore<br>Acer pseudoplatanus | 14 | 850 | N - 5<br>S - 5<br>E - 3<br>W - 5 | M | G | Evenly balanced crown with no obvious defects | 327 | 10.2 | B (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T9 | Beech<br>Fagus sylvatica | 7 | 270 | N - 4<br>S - 0<br>E - 0<br>W - 4 | EM | G | Straight stem with no obvious defects | 33 | 3.2 | B (i) |
| T10 | Sycamore<br>Acer pseudoplatanus | 17 | 910 | N - 4<br>S - 7<br>E - 7<br>W - 6 | M | G | Storm damage and dead wood within the crown<br>Recommended tree shaping to remove dead wood | 375 | 10.9 | B (i) |
| T11 | Sycamore<br>Acer pseudoplatanus | 17 | 850 | N - 4<br>S - 5<br>E - 7<br>W - 7 | M | F | Typical species form with minor storm damage within the crown<br>No obvious defects | 327 | 10.2 | B (i) |
| T12 | Sycamore<br>Acer pseudoplatanus | 16 | 690 | N - 3<br>S - 5<br>E - 3<br>W - 6 | M | F | Bifurcated stem at 8m with a high crown<br>Root damage to the north and east due to recent ground works | 215 | 8.3 | C (i) |
| T13 | Sycamore<br>Acer pseudoplatanus | 13 | 720 | N - 5<br>S - 7<br>E - 5<br>W - 4 | M | F | Lower branch removals have been carried out in the past<br>Epicormic growth on the main stem<br>Some storm damage and broken branches within the crown | 235 | 8.6 | B (i) |
| T14 | Sycamore<br>Acer pseudoplatanus | 18 | 820 | Up to 7 | M | G | Multi-leadered from above 2m<br>Typical species form<br>No obvious defects | 304 | 9.8 | B (i) |
| T15 | Sycamore<br>Acer pseudoplatanus | 15 | 800 | N - 7<br>S - 7<br>E - 6<br>W - 4 | M | F | Leaning stem ground level to the east<br>Minor dead wood within the crown | 290 | 9.6 | B (i) |
| T16 | Wild Cherry<br>Prunus avium | 4 | 170 | 3 | M | F | 3 lead stems from 1m | 13 | 2.0 | C (i) |
| T17 | Sycamore<br>Acer pseudoplatanus | 15 | 640 | N - 3<br>S - 8<br>E - 7<br>W - 5 | M | F | One sided low crown to the south<br>Minor dead wood present within the crown | 185 | 7.7 | B (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T18 | Sycamore<br>Acer pseudoplatanus | 5 | 210 | 2 | EM | G | No obvious defects | 20 | 2.5 | C (i) |
| T19 | Sycamore<br>Acer pseudoplatanus | 10 | 460 | N - 4<br>S - 6<br>E - 5<br>W - 5 | M | G | Minor dead wood and broken branches within the crown<br>No obvious defects | 96 | 5.5 | B (i) |
| T20 | Sycamore<br>Acer pseudoplatanus | 11 | 590 | N - 4<br>S - 6<br>E - 6<br>W - 5 | M | G | Minor dead wood and broken branches within the crown<br>No obvious defects | 157 | 7.1 | B (i) |
| T21 | Sycamore<br>Acer pseudoplatanus | 9 | 460 | N - 1<br>S - 5<br>E - 6<br>W - 3 | M | F | Leaning stem to the south east<br>Bark damage at ground level on the south east side of the main stem<br>Fungi present (Chondrostereum purpureum) | 96 | 5.5 | C (i) |
| T22 | Leyland Cypress<br>Cupressocyparis leylandii | 7 | 340 | 2 | M | F | Situated 2m off site<br>Leaning main stem to the east<br>Typical species form | 52 | 4.1 | C (i) |
| T23 | Hawthorn<br>Crataegus monogyna | 4 | 180 | 2 | M | P | Situated off site<br>Leaning main stem to the east | N/A | N/A | U |
| T24 | Sycamore<br>Acer pseudoplatanus | 11 | 730 | N - 5<br>S - 7<br>E - 7<br>W - 5 | M | G | Evenly balanced crown with minor broken branches and dead wood present<br>No obvious defects | 241 | 8.8 | A (i) |
| T25 | Sycamore<br>Acer pseudoplatanus | 10 | 750 | N - 6<br>S - 6<br>E - 6<br>W - 7 | M | G | Bifurcated main stem at 2m<br>Evenly balanced crown with minor broken branches and dead wood present<br>Slight leaning stem to the east<br>No obvious defects | 254 | 9.0 | B (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T26 | Sycamore<br>Acer pseudoplatanus | 11 | 670 | 7 | M | G | The east side of the upper crown was missing due to possible storm damage<br>Pruning wounds present<br>Evenly balanced crown with no obvious defects | 203 | 8.0 | B (i) |
| T27 | Sycamore<br>Acer pseudoplatanus | 10 | 640 | 6 | M | G | Typical species form with minor broken branches and dead wood within the crown | 185 | 7.7 | B (i) |
| T28 | Sycamore<br>Acer pseudoplatanus | 10 | 630 | 7 | M | G | Evenly balanced crown<br>Low level basal sucker over wall extending to NW<br>Minor dead wood and broken branches within the crown | 180 | 7.6 | B (i) |
| T29 | Hawthorn<br>Crataegus monogyna | 4 | Avg 250 | 3 | M | F | Multi-stemmed form with numerous leaders<br>Typical form of species | 28 | 3.0 | C (i) |
| T30 | Sycamore<br>Acer pseudoplatanus | 7 | 290 | 3 | EM | F | Typical species form with no obvious defects | 38 | 3.5 | C (i) |
| T31 | Sycamore<br>Acer pseudoplatanus | 12 | 770 | Up to 8 | M | F | A-symmetrical form with the main stem leaning to the east<br>Minor broken branches and dead wood within the crown | 268 | 9.2 | B (i) |
| T32 | Sycamore<br>Acer pseudoplatanus | 8 | 450 | Up to 4 | M | G | Typical species form with no obvious defects | 92 | 5.4 | B (i) |
| T33 | Silver Birch<br>Betula pendula | 8 | 390 | Up to 3 | M | G | Typical species form<br>Minor broken branches within the crown | 69 | 4.7 | C (i) |
| T34 | Sycamore<br>Acer pseudoplatanus | 16 | 610 | Up to 7 | M | G | Evenly balanced crown with a typical species form<br>Some minor storm damage within the crown<br>No obvious defects | 168 | 7.3 | B (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T35 | Sycamore<br>Acer pseudoplatanus | 15 | 800 | Up to 7 | M | G | Epicormic growth on the main stem<br>Rubble covering the base of the main stem<br>Minor storm damage within the crown | 290 | 9.6 | B (i) |
| T35a | Goat Willow<br>Salix caprea | 6 | Est 300 | Up to 4 | M | F | Situated off site<br>Typical species form<br>Ivy cover on the lower stem | 41 | 3.6 | C (i) |
| T36 | Sycamore<br>Acer pseudoplatanus | 11 | 600 | Up to 6 | M | G | Evenly balanced crown with no obvious defects<br>Heavily moss cover on the main stem | 163 | 7.2 | B (i) |
| T37 | Sycamore<br>Acer pseudoplatanus | 10 | 760 | Up to 5 | M | G | Evenly balanced crown with no obvious defects | 261 | 9.1 | B (i) |
| T38 | Sycamore<br>Acer pseudoplatanus | 9 | 500<br>450 | 5 | M | F | Twin-stemmed form with the stems forming tightly together<br>Low, Evenly balanced crown with a typical species form<br>No obvious defects | 205 | 8.1 | C (i) |
| T39 | Sycamore<br>Acer pseudoplatanus | 9 | 340<br>333<br>260 | 5 | M | F | Tri-stemmed specimen from ground level<br>Typical species form with a evenly balanced crown<br>No obvious defects<br>NB Cherry growing up inside of the east side of the specimen (210mm) | 133 | 6.5 | C (i) |
| T40 | Goat Willow<br>Salix caprea | 5 | Est 360 | Up to 4 | M | F | Situated off site<br>Typical form of species. | 59 | 4.3 | C (i) |
| T41 | Sycamore<br>Acer pseudoplatanus | 12 | 580 | 5 | M | G | Well established epicormic growth on the mid section of the main stem<br>No obvious defects | 152 | 7.0 | B (i) |
| T42 | Common Ash<br>Fraxinus excelsior | 13 | 580 | 5 | M | G | Side branch to the west side at 2m<br>Pruning wounds present<br>Typical species defects | 152 | 7.0 | B (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T43 | Common Ash<br>Fraxinus excelsior | 14 | 480 | Up to 4 | M | F | Pruning wounds and epicormic growth present on the lower stem<br>Storm damage and broken branches within the sparse crown | 104 | 5.8 | B (i) |
| T44 | Common Ash<br>Fraxinus excelsior | 5 | 270 | 2 | M | P | Basal entrance on the east side to a hollowing stem with a failed upper section<br>East facing entrance to a cavity at 2m<br>Nemours nails within the main stem | N/A | N/A | U |
| T45 | Common Ash<br>Fraxinus excelsior | 17 | 630 | 5 | M | F | Bifurcated at 2m<br>Lower branches have been removed leaving a high crown and pruning wounds<br>Nails in the lower stem | 180 | 7.6 | C (i) |
| T46 | Common Ash<br>Fraxinus excelsior | 5 | 250 | 2 | EM | F | Self seeded specimen by a fence post<br>Typical species form | 28 | 3.0 | C (i) |
| T47 | Common Ash<br>Fraxinus excelsior | 15 | 750 | Up to 7 | M | G | Offsite with 3m spread onto site.<br>Typical species form<br>No obvious defects | 254 | 9.0 | B (i) |
| T48 | Common Ash<br>Fraxinus excelsior | 7 | Est 250 | 3 | EM | F | Self seeded<br>Basal sucker growth present<br>Typical species form with no obvious defects | 28 | 3.0 | C (i) |
| T49 | Hawthorn<br>Crataegus monogyna | 4 | Est 200 | 1 | M | F | Multi-stemmed typical species form<br>No obvious defects | 18 | 2.4 | C (i) |
| T50 | Common Ash<br>Fraxinus excelsior | 11 | 260<br>260<br>240 | 5 | M | F | Roadside specimen<br>Tri-stemmed form with basal sucker growth present<br>Typical species form with no obvious defects | 87 | 5.3 | C (i) |
| T51 | Beech<br>Fagus sylvatica | 14 | 590 | N - 7<br>S - 7<br>E - 0<br>W - 7 | M | G | Slight one sided crown to the east due to suppression from T52 | 157 | 7.1 | B (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T52 | Beech<br>Fagus sylvatica | 16 | 820 | up to 7 | M | G | Slight one sided crown due to suppression from T51 | 304 | 9.8 | B (i) |
| T53 | Holly<br>Ilex aquifolium | 4 | 250 | 2 | M | F | Twin-stemmed from ground level<br>Typical species form<br>Flail damage present | 28 | 3.0 | C (i) |
| T54 | Hawthorn<br>Crataegus monogyna | 3 | 220<br>220<br>220 | N - 5<br>S - 5<br>E - 6<br>W - 5 | M | F | Tri-stemmed below 1m<br>Low and spreading crown with crossing and rubbing branches and dead wood within | 66 | 4.6 | C (i) |
| T55 | Hawthorn<br>Crataegus monogyna | 5 | Est 270 | 3 | M | G | Typical species form with a dense crown | 33 | 3.2 | C (i) |
| T56 | Sycamore<br>Acer pseudoplatanus | 10 | 290<br>300<br>340 | Up to 5 | M | G | Roadside Specimen<br>Tri-stemmed form at ground level<br>Lower branch removals | 131 | 6.5 | B (i) |
| T57 | Common Ash<br>Fraxinus excelsior | 9 | 400 | Up to 5 | M | F | Road side specimen with basal sucker growth present<br>Single stem form with signs of bark canker<br>Many lesions throughout the specimen | 72 | 4.8 | C (i) |
| T58 | Sycamore<br>Acer pseudoplatanus | 7 | 260 | 3 | EM | F | Road side tree.<br>Lower branch removals<br>Typical species form with no obvious defects<br>Commemorative flowers tied to tree at time of inspection | 31 | 3.1 | C (i) |
| T59 | Sycamore<br>Acer pseudoplatanus | 6 | 220 | 2 | EM | F | Roadside specimen with basal sucker growth present<br>Lower branch removed | 22 | 2.6 | C (i) |
| T60 | Common Ash<br>Fraxinus excelsior | 7 | 160<br>170<br>210<br>230 | 5 | M | F | Roadside specimen situated on the wall line<br>Multi-stemmed form from ground level<br>Formally coppiced / cut back<br>Numerous basal suckers | 69 | 4.7 | C (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| T61 | Elder<br>Sambucus nigra | 4 | 240<br>230<br>200 | 1.5 | M | F | Multi-stemmed from with 2 main stems from ground level<br>Typical species form | 68 | 4.7 | C (i) |
| T62 | Hybrid Black Poplar<br>Populus x canadensis | 10 | Est 380 | 4 | EM | F | Situated off site<br>Typical species form | 65 | 4.6 | C (i) |
| T63 | Beech<br>Fagus sylvatica | 11 | Est 280 | 3 | EM | F | Situated 2m off site<br>No obvious defects | 35 | 3.4 | B (i) |
| T64 | Leyland Cypress<br>Cupressocyparis leylandii | 6 | Est 180 | 1 | M | F | Typical species form | 15 | 2.2 | C (i) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| **GROUPS OF TREES** | | | | | | | | | | |
| TG1 | 3 x Sycamore<br>Acer pseudoplatanus | Up to 16 | Est 650 | Up to 7 | M | G | Situated off site<br>Typical species forms<br>Lower branch removals have been carried out leaving un-symmetrical crown form | 191 | 7.8 | B (ii) |
| TG2 | 2 x Common Lime<br>Tilia x europaea<br>1 x Hornbeam<br>Carpinus betulus | 13 | 700<br>540<br>690 | N - 5<br>S -8<br>E - 8<br>W - 5 | M | F | Situated in the corner of a field parcel adjacent to a residential property<br>Typical species forms with interlocking crowns<br>The Hornbeam has a leaning main stem to the south east giving a 10m spread to the south east 5m elsewhere | 569 | 13.5 | B (ii) |
| TG3 | 1 x Goat Willow<br>Salix caprea<br>1 x Leyland Cypress<br>Cupressocyparis leylandii<br>2 x Beech<br>Fagus sylvatica | Up to 8 | Max 400 | Up to 6 | M | F | Multi-stemmed forms<br>Typical species forms with no major defects | 72 | 4.8 | B (ii) |
| TG4 | Swamp Cypress<br>Taxodium distichum | 5 | Est 250 | 1.5 - 2 | M | F | Pruned hedgerow | 28 | 3.0 | C (ii) |
| TG5 | 2 x Beech<br>Fagus sylvatica<br>1 x Sycamore<br>Acer pseudoplatanus | 8 | Max 200 | Up to 2 | EM | F | Typical species forms<br>The Beech has basal epicormic growth present | 18 | 2.4 | C (ii) |

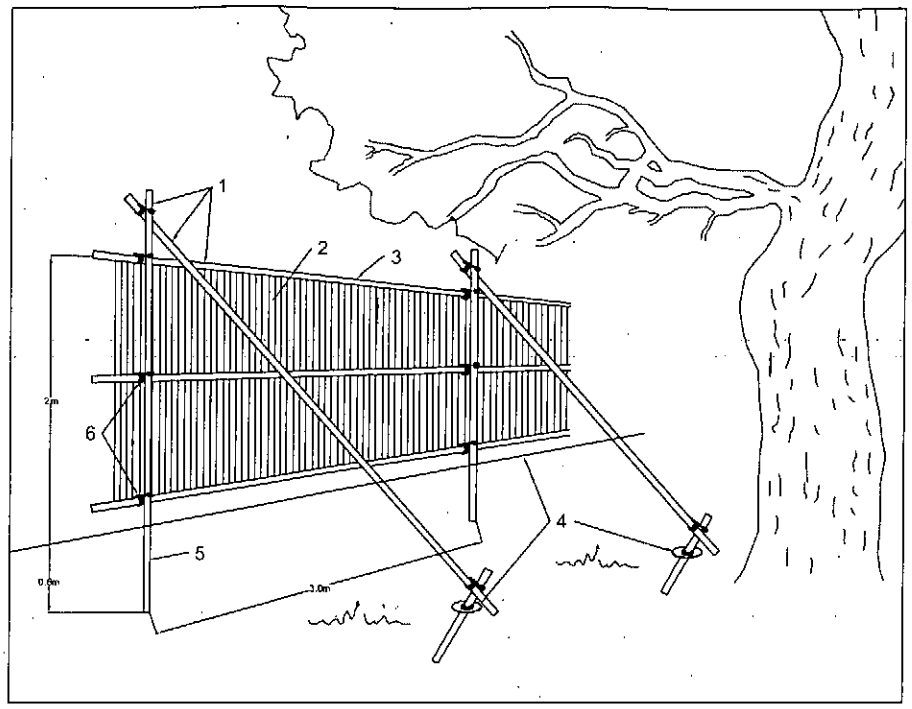
| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| TG6 | Wild Cherry<br>Prunus avium<br>Beech<br>Fagus sylvatica<br>Sycamore<br>Acer pseudoplatanus<br>Silver Birch<br>Betula pendula<br>Holly<br>Ilex aquifolium<br>Leyland Cypress<br>Cupressocyparis leylandii<br>Cedar of Lebanon<br>Cedrus libani | Up to 9 | Max 250 | Up to 7 | EM / M | F | Situated on the site boundary<br>Mixed species of typical form | 28 | 3.0 | B (ii) |
| TG7 | 8 x Common Ash<br>Fraxinus excelsior<br>1 x Sycamore<br>Acer pseudoplatanus<br>1 x English Elm<br>Ulmus procera | Up to 18 | Avg 480 | Up to 7 | M | G | Specimens situated within a dry stone wall compartment<br>Some with trunk damage and patchy missing bark<br>Minor dead wood, storm damage and broken branches within the crowns<br>Strong landscape feature | 104 | 5.8 | B (ii) |
| TG8 | Common Ash<br>Fraxinus excelsior<br>English Elm<br>Ulmus procera<br>Sycamore<br>Acer pseudoplatanus | Up to 18 | Max 700 | Up to 7 | M | F | Typical species forms with tall and drawn stems<br>Epicormic growth on the main stems | 222 | 8.4 | B (ii) |
| TG9 | 1 x Common Ash<br>Fraxinus excelsior<br>4 x Silver Birch<br>Betula pendula | Up to 11 | Avg 330 | Up to 7 | M | F | Situated off site<br>Typical species forms with interlocking crowns | 49 | 4.0 | B (ii) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| TG10 | Beech<br>Fagus sylvatica<br>English Oak<br>Quercus robur<br>Sycamore<br>Acer pseudoplatanus<br>Silver Birch<br>Betula pendula<br>Norway Spruce<br>Picea abies | 7 - 11 | Avg 350 | Up to 6 | M | F / G | Situated on the boundary between the site and neighbouring gardens<br>Mixed evergreen and broad leaved species | 55 | 4.2 | B (ii) |
| TG11 | Common Ash<br>Fraxinus excelsior<br>Sycamore<br>Acer pseudoplatanus<br>occ. English Elm<br>Ulmus procera | Up to 17 | Avg 400 | Up to 7 | M | F / G | Approximately 63 specimens of a general good quality<br>Typical of the surrounding landscape<br>Small amounts of storm damage, broken branches and dead wood<br>Interlocking unbroken canopy throughout the group<br>Within the group the trees are generally A or B category with only a few trees of catagory C. | 72 | 4.8 | A (ii) |
| TG12 | 2 x Common Ash<br>Fraxinus excelsior | Up to 10 | Avg 220 | Up to 4 | EM | G | Approximately 5m apart<br>Both twin-stemmed at ground level<br>Typical species forms with no obvious defects<br>3m crown spread onto site | 22 | 2.6 | B (ii) |
| TG13 | Common Ash<br>Fraxinus excelsior | 4 | Avg100 | 1 | M | F | Former large trees felled and now re-grown<br>Approximately 6 specimens | 5 | 1.2 | C (ii) |
| TG14 | Common Ash<br>Fraxinus excelsior<br>Sycamore<br>Acer pseudoplatanus | 13 | Max 640 | Up to 7 | M | G | Typical species forms<br>Minor dead wood and broken branches within the crowns<br>No obvious defects | 185 | 7.7 | A (ii) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| TG15 | Common Ash<br>Fraxinus excelsior<br>Sycamore<br>Acer pseudoplatanus<br>Beech<br>Fagus sylvatica<br>Common Lime<br>Tilia x europaea | Up to 18 | Max 1050 | Up to 7 | OM | F / P | Many specimens have lower stem impact damage and missing bark<br>A number of the trees would be classed as category "U" (unsuitable for retention) | 499 | 12.6 | C (i) |
| TG16 | 2 x Rowan<br>Sorbus aucuparia | 5 | Avg 225 | 2 | M | F | Numerous basal sucker growths<br>Typical species form<br>No obvious defects | 23 | 2.7 | C (i) |
| TG17 | 3 x Sycamore<br>Acer pseudoplatanus | 10 | Max 400 | 4 | M | G | Road side specimens situated on a verge<br>All specimens similar with minor dead wood and minor basal sucker growth<br>Typical species forms with even crowns and no obvious defects | 72 | 4.8 | B (ii) |
| TG18 | 1 x Norway Maple<br>Acer platanoides<br>1 x Elder<br>Sambucus nigra | Up to 6 | Max 220 | Up to 3 | M | F | Situated off site<br>The Norway maple had a twin-stemmed form from ground level<br>The Elder had a tri-stemmed form from ground level and ivy cover on the main stems | 22 | 2.6 | C (ii) |
| TG19 | 1 x Beech<br>Fagus sylvatica<br>1 x Common Ash<br>Fraxinus excelsior | 8 | Avg 260 | 5 | EM | F | Situated off site<br>Typical species forms with interlocking crowns | 31 | 3.1 | B (ii) |
| TG20 | Mixed Cypress | 7 | Est 250 | 1 | M | F | Typical species forms<br>Planted as a hedgerow | 28 | 3.0 | C (ii) |

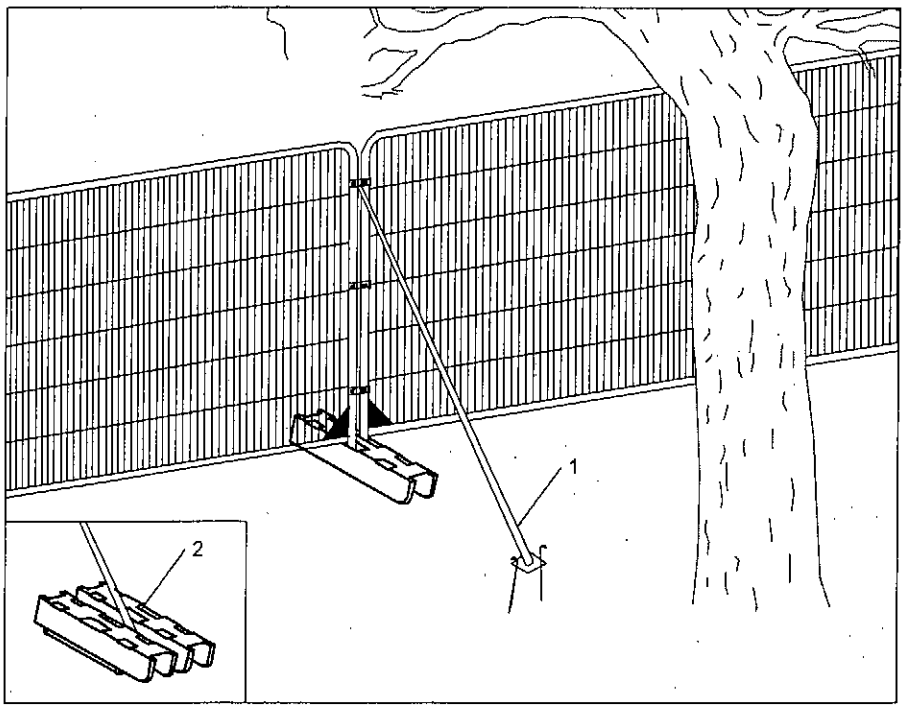
| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| **WOODLAND GROUPS** | | | | | | | | | | |
| W1 | Hazel<br>Corylus avellana<br>Hawthorn<br>Crataegus monogyna<br>Holly<br>Ilex aquifolium<br>Beech<br>Fagus sylvatica<br>Common Ash<br>Fraxinus excelsior<br>English Oak<br>Quercus robur | Up to 7 | Est 200 | 3 - 4 | EM | G | Planted copse with a dense understory<br>Some specimens of self set ash within the group<br>Needs thinning to improve the quality of the group | 18 | 2.4 | A (ii) |
| W2 | Beech<br>Fagus sylvatica<br>English Elm<br>Ulmus procera<br>Sycamore<br>Acer pseudoplatanus<br>Common Ash<br>Fraxinus excelsior | Up to 20 | Max 1115 | 7 - 8 | M | G | Mature woodland group<br>Large specimens with tall and drawn forms<br>If public access is proposed a detailed survey of individual trees would be required to identify any particular defects posing a hazard to public safety. | 562 | 13.4 | A (ii) |
| W3 | Sycamore<br>Acer pseudoplatanus<br>Common Ash<br>Fraxinus excelsior<br>Beech<br>Fagus sylvatica<br>English Elm<br>Ulmus procera | Up to 18 | Max 700 | Up to 7 | M | F / G | Strong landscape feature<br>Tall and drawn forms with no understory<br>Some failed specimens within the group<br>Dead wood in some specimens<br>NB Some potential bat roosting areas in cavities with the group<br>If public access is proposed a detailed survey of individual trees would be required to identify any particular defects posing a hazard to public safety | 222 | 8.4 | A (ii) |

| Tree No | Species | Height | Stem Dia. | Crown Radius | Age Class | Overall Condition | Structural Condition | RPA | RPA Radius | BS5837 Cat |
|---|---|---|---|---|---|---|---|---|---|---|
| W4 | Beech<br>Fagus sylvatica<br>Sycamore<br>Acer pseudoplatanus<br>English Elm<br>Ulmus procera | Up to 20 | Max 1250 | Up to 9 | M | F / G | Some branch socket cavities on a sycamore on the south side of the group offering potential bat roosting areas<br>Large specimens with tall and drawn forms<br>No understory<br>Two large beech trees on the south west corner have hollowing basal cavities showing signs of rot and decay<br>If public access is proposed a detailed survey of individual trees would be required to identify any particular defects posing a hazard to public safety | 707 | Capped at 15m | A (ii) |




## Default specification for protective barrier

1. Standard scaffold poles
2. Heavy gauge 2m tall galvanised tube and welded mesh panels
3. Panels secured to scaffold frame with wire ties
4. Ground level
5. Uprights driven into the ground until secure (min depth of 0.6m)
6. Standard scaffold clamps




## Above ground stabilising systems

1. Stabiliser strut with base plate secured with ground pins
2. Stabiliser strut mounted on block tray

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APPENDIX B
PROTECTIVE FENCING SPECIFICATIONS

CAD file: S:\Arb resources\Basic Templates\NEW ARB\Appendix B - Protective Fencing.dwg

NOTES

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# APPENDIX C

## COPY OF TREE PRESERVATION ORDER

## (EXTRACT OF FIRST SCHEDULE AND PLAN)

**Entitled TPO 56 'Trees and Woodlands in Buxton' 3rd November 1976.**

TREE PRESERVATION ORDER NO. 56

FIRST SCHEDULE

TREES SPECIFIED INDIVIDUALLY

(encircled in black on the map)

| Number on Map | Description | Situation |
|---|---|---|
| T.1 | Beech | OS XXII.I on the west side of parcel 108 adjacent to London Road. |
| T.2 | Ash | OS SK 0671 in the north corner of parcel 3462 adjacent to Harpur Hill Road. |
| T.3 | Ash | OS SK 0772 in the south west corner of parcel 5218 east of Slade Hill Farm. |

TREES SPECIFIED BY REFERENCE TO AN AREA

(Within a dotted black line on the map)

| | | |
|---|---|---|
| A.1 | The several trees of whatever species standing in the area numbered A.1 on the map. | OS XXII.I in south west corner of parcel 340 adjacent to Harpur Hill Road and immediately south of Sherwood Lodge. |
| A.2 | The several trees of whatever species standing in the area numbered A.2 on the map. | OSSK 06671 parcel 0621 and part parcels 1717, and 1900 to west of Trenchard Drive. |
| A.3 | The several trees of whatever species standing in the area numbered A.3 on the map. | OSSK 0772 part of parcel 5274 to north side of A.6 Bakewell Road between the River Wye and railway track in Ashwood Dale. |
| A.4 | The several trees of whatever species standing in the area numbered A.4 on the map. | OS SK 0872 north of the railway track in Ashwood Dale including part of parcel 1651 and the east end of Ashwood Dale Quarry. |
| A.5 | The several trees of whatever species standing in the area numbered A.5 on the map. | OSSK 0872 to the north of A.6 and River Wye being part of parcel 2448 at east end of Ashwood Dale Quarry. |
| A.6 | The several trees of whatever species standing in the area numbered A.6 on the map. | OSSK 0872 to the north and east of Rockhead House and Rockhead Cottage being parts of parcels 2915 and 3413. |
| A.7 | The several trees of whatever species standing in the area numbered A.7 on the map. | OSSK 0872 to the west of Cowdale Road being parcel 2206. |
| A.8 | The several trees of whatever species standing in the area numbered A.8 on the map. | OSSK 0771 to the south east of Staden Grange Farm being parcel 7045. |

| Number on Map | Description | Situation |
|---|---|---|
| A.9 | The several trees of whatever species standing in the area numbered A.9 on the map. | OSSK 0771 Parcel 8026 to the north of Cowdale Road. |
| A.10 | The several trees of whatever species standing in the area numbered A.10 on the map. | OSSK 0771 and 0770 being parcel 6300 and part of 5600 adjacent to the north side of the junction of Ashbourne Road and Cowdale Road at Heathfield Nook. |
| A.11 | The several trees of whatever species standing in the area numbered A.11 on the map. | OSSK 0772 and 0771 being part of parcel 1200 adjacent to the north west side of Staden Lane, north east of The Buxton and High Peak Railway. |

GROUPS OF TREES

(Within a broken black line on the map)

| | | |
|---|---|---|
| G.1 | Group consisting of 8 sycamore 1 horse chestnut. | OSSK 0672 to south west of London Road being part of parcel 77. |
| G.2 | Group consisting of 2 beech 3 sycamore, 6 lime. | OSSK 0671 the north part of parcel 3976 west of Foxlow Cottage. |
| G.3 | Group consisting of 8 beech, 5 lime, 15 sycamore, 2 ash 6 elm. | OSXXII.I being part of parcels 345 and 344 to the north east of Foxlow Grange. |
| G.4 | Group consisting of 8 sycamore, 4 elm, 3 beech, 2 ash. | OSSK 0671 being part of parcel 4900 north east of Foxlow Bungalow. |
| G.5 | Group consisting of 28 sycamore 2 ash, 12 elm, 2 beech. | OSSK 0671 being parcel 4843 to the west of Foxlow Farm. |
| G.6 | Group consisting of 3 ash, 1 lime, 4 sycamore, 4 beech, 1 elm. | OSSK 0671 being east of Foxlow Farm, in the north east corner of parcel 6840. |
| G.7 | Group consisting of 3 sycamore, 8 ash. | OSSK 0671 being part of parcel 8228 north of Trenchard Drive and North East of Fox Low. |
| G.8 | Group consisting of 2 sycamore, 10 ash, 1 elm. | OSSK 0671 being part of parcel 8228 north of Trenchard Drive and East of Fox Low. |
| G.9 | Group consisting of 3 elm, 8 sycamore, 31 ash. | OSSK 0671 being parcel 9014, north of Trenchard Drive and south east of Fox Low. |
| G.10 | Group consisting of 15 thorn, 20 sycamore, 2 ash, 2 mountain ash, 5 beech, 1 elm. | OSSK 0771 and 0772 being part of parcels 2400, 3100 and garden of Slade Hill House adjacent to the South east side of Staden Lane, north east of the Buxton and High Peak Railway. |
| G.11 | Group consisting of 11 sycamore, 1 beech, 2 elm, 3 ash. | OSSK 0772 being part of parcel 3529 to north west of Staden Farm. |

| Number on Map | Description | Situation |
|---|---|---|
| G.12 | Group consisting of 25 lime, 1 beech, 4 ash, 2 sycamore. | OSSK 0772 being part of parcel 4429 due north of Staden Manor. |
| G.13 | Group consisting of 2 mountain ash, 7 beech, 18 elm. | OSSK 0771 and 0770 being parcel 4215 and part of parcel 5600, adjacent to the north east side of Ashbourne Road, north of Heathfield Nook. |
| G.14 | Group consisting of 5 beech, 8 sycamore, 7 ash. | OSSK 0770 being part of parcels 3500, 4487, 4890 and 4500, adjacent to Heathfield Nook Road and west of A.515 Ashbourne Road. |
| G.15 | Group consisting of 2 sycamore, 1 horse chestnut, 1 ash. | OSSK 0770 being the south east part of parcel 5000 adjacent to the west side of the Heathfield Nook Road and A.515 Ashbourne Road junction. |
| G.16 | Group consisting of 13 elm, 2 beech, 1 lime, 9 sycamore. | OSSK 0772 being parcel 7912 and part 6818 and 8616 west of Cowdale Hall Farm. |
| G.17 | Group consisting of 5 sycamore 1 beech, 3 elm. | OSSK 0772, 0771 in the north west corner of parcel 8100 west of Cowdale Hall Farm. |
| G.18 | Group consisting of 7 ash. | OSSK 0771 along the north east boundary of parcel 7018 north of Manor Cottages on Cowdale Road. |
| G.19 | Group consisting of 9 sycamore, 3 elm. | OSSK 0771 being the west part of parcel 7018 north of Manor Cottages on Cowdale Road. |
| G.20 | Group consisting of 2 lime, 6 elm, 1 horse chestnut. | OSSK 0771 along the south west boundary of parcel 8114, east of Manor Cottages n the north side of Cowdale Road. |
| G.21 | Group consisting of 7 sycamore, 1 elm. | OSSK 0871 being part of parcel 1700 immediately to the west of Cowdale Hall. |
| G.22 | Group consisting of 1 mountain ash, 6 sycamore, 9 elm. | OSSK 0871 being in the south east corner of Parcel 0035 adjacent to the north side of Cowdale Road. |
| G.23 | Group consisting of 7 elm, 1 sycamore. | OSSK 0871 being in the south east corner of Parcel 1140 adjacent to the west side of Cowdale Road opposite the junction with King Sterndale Road. |
| G.24 | Group consisting of 6 ash. | OSSK 0772 being part of parcel 3413 immediately north of Slade Hill House and adjacent to the south east side of Staden Lane. |
| G.25 | Group consisting of 3 sycamore | OS XXII.I being part of parcel 108 immediately east of Heath House (Robin Hood Hotel) on the east side of London Road. |

| Number on Map | Description | Situation |
|---|---|---|
| | **WOODLANDS** | |
| | (Within a continuous black line on the map) | |
| W.1 | Mixed deciduous woodland | XXII.I being parcel 87 immediately north of Cottage of Content west of White Knowle Road. |
| W.2 | Mixed deciduous woodland | OSSK 0671 being parcel 7087 adjacent to the west side of A.515 Ashbourne Road. |
| W.3 | Mixed deciduous woodland | OSSK 0671, 0771 being parcel 9955 adjacent to the west side of A.515 Ashbourne Road. |
| W.4 | Mixed deciduous woodland | OSSK 0671 being parcel 6934, south east of Foxlow Farm and north of Nettleton Lane and Trenchard Drive. |
| W.5 | Mixed deciduous woodland | OSSK 0772, 0872. Being parts of parcels 0030 and 3946 adjacent to the south side of the A.6 Bakewell Road and railway in Ashwood Dale. |
| W.6 | Mixed deciduous woodland | OSSK 0771 being parcel 2768, adjacent to the south side of the access road to Staden Grange east of the Buxton and High Peak Railway. |
| W.7 | Mixed deciduous woodland | OSSK 0771 being parcel 4178 immediately west of Staden Grange. |
| W.8 | Mixed deciduous woodland | OSSK 0771 being parcel 4167 immediately south west of Staden Grange. |
| W.9 | Mixed deciduous woodland | OSSK 0771 being parcel 4643 south of Staden Grange and east of the Buxton and High Peak Railway. |
| W.10 | Mixed deciduous woodland | OSSK 0771 being parcel 7376 east of Staden Grange. |
| W.11 | Mixed deciduous woodland | OS XXII.I being part parcel 76 adjacent to the west side of London road and surrounding Court Heath House and Factory. excluding the area edged in red on the map |
| W.12 | Mixed deciduous woodland | OSSK 0872 being parcel 5346 adjacent to the south side of the A.6 Bakewell Road and north side of the railway in Ashwood Dale. |

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