# ARBORICULTURAL METHOD STATEMENT

**Client:** Stuart Heath

**Site:** Highfields House
Highfield
ST13 8SG

**Date:** 18 September 2020

**Ref.:** THL-R17-104 AMS

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## 1.0 Introduction

1.1 The following method statement has been prepared by Tree Heritage Ltd for use in the proposed development at Highfield.

1.2 This Arboricultural Method Statement has been produced to aid the safe and healthy survival of all trees to be retained on the development site. Implementation of the protection methods and special construction details within this report are integral to achieving this goal.

1.3 For details of trees to be retained, location and types of protection measures required reference should be made to drawings attached in appendix C of this report.

1.4 The information contained within this Arboricultural Method Statement is in line with BS 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*.

1.5 This report should be read in conjunction with the previous report THR17-104.

## 2.0 Phasing and Monitoring

2.1 The following phasing and monitoring procedures are designed to protect the trees that are to be retained on site, from pre-development stage throughout construction to ensure their survival post development.

2.2 The order in which the works should commence is as follows;

1. **Pre- Commencement Site meeting –** This should include a detailed discussion of the exact position of the protective fences, the necessity to ensure adequate supervision at key stages and who is responsible on site for the welfare of the trees.

2. **Tree Works –** Including any enabling pruning works required along the access routes.

3. **Tree Protection –** Fencing should be erected prior to any development work commencing on site.

4. **Ground Protection –** The 3D cellular confinement system would need to go in at this stage, so the construction vehicles can access the site without damaging the trees by the entrance. Arboricultural Supervision will be required.

5. **Construction –** The construction of new dwellings will be done in this phase. Arboricultural Supervision will not be required to monitor the construction work once the Tree Protection Fencing and the cellular confinement system is installed. The site compound and storage are for materials is located outside the main site and away from the trees (see attached Site Plan in appendix C).

6. **Site completion –** Once the development is complete the Arboricultural Supervisor can sign off the project and the tree protection barriers can be removed.

## 3.0 Root Protection Area

3.1 Based on the tree survey data, Root Protection Areas (RPA's) have been calculated for every retained tree. The RPA's are designed to protect at least a functional minimum of tree root mass to ensure the trees survive the development process.

3.2 It is the responsibility of everyone engaged in the development process to respect the tree protection measures and observe the necessary precautions within and adjacent to them. For details of the RPA's please see plan THL-0551-3.

## 4.0 Tree Surgery/Felling

4.1 It is recommended that all tree work including felling and pruning shall be carried out prior to the start of the construction process. Details of all tree works to be carried out are listed in the tree works schedule located in Appendix A. All tree works should be carried out in accordance with current industry best practice, BS3998:2010 Tree Work - Recommendations.

4.2 All tree work should be carried out by fully qualified and competent contractors such as Arboricultural Association Approved Contractors. The works should be discussed with the Arboricultural supervisor on site.

4.3 All operations should be carefully carried out to avoid damage to the trees being worked on and adjacent trees. No trees to be retained shall be used for anchorage or winching purposes.

## 5.0 Tree Protection

5.1 The tree protection fencing shall be erected prior to any of the following taking place; Plant and Material delivery, Soil stripping, Construction works, Utility installation, and Landscaping. When trees are near boundaries the RPA may extend into adjacent land, it is not necessary to erect barriers on adjacent land unless this is being used for access.

5.2 Once erected the fencing should be inspected by the Supervising Arboriculturalist to ensure it is in the correct location and suitable for purpose. The fencing should also be inspected by the site supervisor on a regular basis and any concerns should be raised with the supervising Arboriculturalist.

5.3 The tree protection fencing should be suitable for purpose to protect the tree from vehicle and machinery damage throughout the entire construction process. An example of the type of tree protection fencing as recommended in BS5837:2012 is attached with this report as Appendix B.

5.4 The fencing should have signs attached warning that access into these areas is not permitted without written authority from the supervising Arboriculturalist.

## 6.0 Restrictions within the Tree Protection Areas

6.1 Inside the Tree Protection Areas, the following shall apply;

- No mechanical excavation whatsoever.
- No excavation by other means without a detailed method statement being agreed by Supervising Arboriculturalist.
- No lowering of the levels for any purposes.
- No storage of plant or materials.
- No storage or handling of any chemicals
- No vehicle access without ground protection and agreement from the supervising Arboriculturalist.

## 7.0 Avoiding Damage to Retained Trees

7.1 Care should be taken to ensure no damage occurs to the retained trees throughout the development, either through the demolition and construction process or through vehicle access and material delivery.

7.2 Any pruning work required to allow access for high vehicle access should be carried out at the tree surgery stage in accordance with BS3998:2010 and done by suitably qualified specialist staff.

7.3 Special care will be required if using cranes to avoid contact with the canopies of the trees. Provision may be required for special measure if outriggers need to be used close to or within the RPA. Advice should be sought from the supervising Arboriculturalist.

## 8.0 Installation of Underground Services

8.1 All installation of underground services should be carried out outside the Root Protection Area's where possible. Any installation within the RPA should be carried out by hand and in accordance with the National Joint Utilities Group Publication 10 (NJUG10).

8.2 A detailed method statement for any work within the RPA of any tree shall be produced by the contractor and agreed with the Supervising Arboriculturalist prior to the commencement of the work.

## 9.0 Installation of 3D Cellular Confinement System

9.1 The 3D cellular confinement system should be installed as per the manufactures guidelines.

9.2 The system will need to be installed before the construction of the dwellings can begin, so access can be gained for the construction vehicles. As the site access is using an existing track between two of the trees on site, it is important to install the system before damage occurs to the roots and soil.

9.3 It is recommended that this system is installed under Arboricultural Supervision.

Tree Heritage Ltd

H.E Williams

H.E. Williams

**18/09/2020**

**Site: Highfield House, Leek**
**Surveyed by: Hugh Williams**
**Date: 15/09/17**

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# APPENDIX A: TREE SURVEY SCHEDULE

**KEY:**

| Measurements | Life Stage | Physiological Condition | Category Grading | Symbols |
|---|---|---|---|---|
| Height - *Metres*<br>Stem Diameter - *Millimetres at 1.5m above ground level*<br>Branch Spread - *Metres (North, South, East and West)*<br>Crown Clearance - *Metres*<br>RPA Radius - *Metres*<br>Estimated Remaining Contribution - *Years*<br>FSB - First Significant Branch - *Metres* | Y - *Young*<br>SM - *Semi-Mature*<br>EM - *Early Mature*<br>M - *Mature*<br>OM - *Over-Mature*<br>V - *Veteran* | G - *Good*<br>F - *Fair*<br>P - *Poor*<br>D - *Dead* | A - *High (green)*<br>B - *Moderate (blue)*<br>C - *Low (grey)*<br>*U - Poor/Trees for removal (red)*<br>**Sub-Categories:**<br>1 - *Mainly Arboricultural value*<br>2 - *Mainly Landscape value*<br>3 - *Mainly Cultural value* | < - *Less than*<br>~ - *Approximately*<br>> - *Greater than* |
| RPA - *Root protection area (equivalent to a circle with a radius 12x the stem diameter measured at 1.5m above ground level)* | | | | |

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| Tree Ref. | Species | Height | Stem Diameter | Branch Spread | | | | Crown Clearance | FSB Height + Direction | Life Stage | Phys. Condition | Structural Condition | Recommendations | Estimated Remaining Contribution | Category Grading | RPA Radius |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | | | | | |
| T1 | Prunus avium (Wild Cherry) | 9 | 250,350 | 5 | 5 | 5 | 5 | 4 | 4(S) | OM | Dead | Dead. | Fell tree on the grounds of safety. | <10 | U | 5.16 |
| T2 | Acer pseudoplatanus (Sycamore) | 16 | 430 | 5 | 5 | 5 | 5 | 6 | 5(W) | M | Poor | Decay present on stem. | Fell tree on the grounds of safety. | <10 | U | 5.16 |
| T3 | Ilex aquifolium (Holly) | 9 | 250 | 3 | 3 | 3 | 3 | 1 | 3(W) | M | Fair | Surface roots sustained bark damage. Minor deadwood in crown. | | 10+ | C1 | 3 |
| T4 | Acer pseudoplatanus (Sycamore) | 16 | 320 | 4 | 4 | 6 | 4 | 2 | 4(E) | EM | Fair | Major bark wounding on stem. Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 3.84 |
| T5 | Acer pseudoplatanus (Sycamore) | 16 | 950 | 8 | 8 | 8 | 8 | 5 | 4(SE) | M | Good | Epicormics on stem. Major deadwood in crown. | | 40+ | A1 | 11.4 |
| T6 | Fagus sylvatica (Beech) | 20 | 1175 | 8 | 8 | 8 | 8 | 2 | 6(SE) | OM | Fair | Broken branch/es in crown. Major deadwood in crown. Low crown.Split branch existing entrance. | Remove broken/damaged branch/es. Remove major deadwood. Crown lift to 5m.Reduce split limb by 30 | 20+ | B1 | 14.1 |
| T7 | Fagus sylvatica (Beech) | 20 | 1450 | 8 | 8 | 8 | 8 | 5 | 4(N) | OM | Fair | Broken branch/es in crown. Major deadwood in crown.Pruning stumps. | Remove broken/damaged branch/es. Remove major deadwood.Remove pruning stumps. | 20+ | A1 | 15 |
| T8 | Fagus sylvatica (Beech) | 7 | 140 | 1.5 | 1.5 | 1.5 | 1.5 | 3 | 3(N) | SM | Poor | Suppressed. | | 10+ | C1 | 1.68 |
| T9 | Sorbus aria (Whitebeam) | 5 | 140 | 1.5 | 1.5 | 1.5 | 1.5 | 3 | 3(N) | SM | Poor | Suppressed. | | 10+ | C1 | 1.68 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | | | | | |
| T10 | Fagus sylvatica (Beech) | 5 | 240 | 2 | 2 | 2 | 2 | 3 | 3(N) | SM | Poor | Suppressed.Exposed root plate. | | 10+ | C1 | 2.88 |
| T11 | Acer pseudoplatanus (Sycamore) | 10 | 180 | 2 | 2 | 5 | 5 | 3 | 5(E) | SM | Poor | Suppressed. | | 10+ | C1 | 2.16 |
| T12 | Acer pseudoplatanus (Sycamore) | 14 | 260 | 2 | 5 | 2 | 2 | 4 | 6(S) | EM | Poor | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 3.12 |
| T13 | Acer pseudoplatanus (Sycamore) | 12 | 180 | 4 | 2 | 2 | 2 | 4 | 6(S) | EM | Poor | Suppressed. Major deadwood in crown. | | 10+ | C1 | 2.16 |
| T14 | Acer pseudoplatanus (Sycamore) | 14 | 420 | 3 | 5 | 3 | 3 | 4 | 6(S) | EM | Fair | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 5.04 |
| T15 | Fagus sylvatica (Beech) | 16 | 660 | 6 | 4 | 6 | 6 | 3 | 4(N) | M | Fair | Included bark present in fork. Weak fork. | | 10+ | C1 | 7.92 |
| T16 | Acer pseudoplatanus (Sycamore) | 10 | 140 | 4 | 2 | 2 | 2 | 4 | 6(S) | EM | Poor | Suppressed. Minor deadwood in crown. | | 10+ | C1 | 1.68 |
| T17 | Fraxinus excelsior (Ash) | 10 | 340 | 0 | 14 | 4 | 4 | 3 | 5(S) | EM | Poor | Poor shape/form. Leaning South. | | <10 | U | 4.08 |
| T18 | Fraxinus excelsior (Ash) | 10 | 160 | 4 | 2 | 2 | 2 | 4 | 6(S) | EM | Poor | Declining. Suppressed. Major deadwood in crown. | | <10 | U | 1.92 |

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| Tree Ref. | Species | Height | Stem Diameter | Branch Spread | | | | Crown Clearance | FSB Height + Direction | Life Stage | Phys. Condition | Structural Condition | Recommendations | Estimated Remaining Contribution | Category Grading | RPA Radius |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | | | | | |
| T19 | Acer pseudoplatanus (Sycamore) | 16 | 480,350 | 7 | 7 | 4 | 4 | 5 | 6(S) | M | Fair | Included bark present in fork. Weak fork. Major deadwood in crown. | | 10+ | C1 | 7.13 |
| T20 | Acer pseudoplatanus (Sycamore) | 16 | 410,340 | 7 | 7 | 4 | 4 | 5 | 6(S) | M | Fair | Major deadwood in crown. | | 10+ | C1 | 6.4 |
| T21 | Acer pseudoplatanus (Sycamore) | 16 | 420,360 | 7 | 7 | 4 | 4 | 5 | 6(S) | M | Fair | Included bark present in fork. Weak fork. Major deadwood in crown. | | 10+ | C1 | 6.64 |
| T22 | Acer pseudoplatanus (Sycamore) | 16 | 270 | 5 | 3 | 3 | 3 | 4 | 6(N) | EM | Fair | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 3.24 |
| T23 | Acer pseudoplatanus (Sycamore) | 16 | 430 | 3 | 5 | 3 | 3 | 4 | 6(N) | EM | Fair | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 5.16 |
| T24 | Acer pseudoplatanus (Sycamore) | 16 | 340 | 5 | 3 | 3 | 3 | 4 | 6(N) | EM | Fair | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 4.08 |
| T25 | Acer pseudoplatanus (Sycamore) | 16 | 290 | 5 | 5 | 3 | 3 | 4 | 6(N) | EM | Fair | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 3.48 |

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| Tree Ref. | Species | Height | Stem Diameter | Branch Spread | | | | Crown Clearance | FSB Height + Direction | Life Stage | Phys. Condition | Structural Condition | Recommendations | Estimated Remaining Contribution | Category Grading | RPA Radius |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | | | | | |
| T26 | Acer pseudoplatanus (Sycamore) | 18 | 430 | 5 | 5 | 3 | 3 | 4 | 6(N) | EM | Fair | Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 5.16 |
| T27 | Acer pseudoplatanus (Sycamore) | 10 | 190 | 4 | 2 | 2 | 2 | 4 | 6(S) | EM | Poor | Suppressed. | | 10+ | C1 | 2.28 |
| T28 | Acer pseudoplatanus (Sycamore) | 18 | 580 | 7 | 7 | 7 | 7 | 4 | 6(N) | M | Good | Major deadwood in crown. | | 20+ | B1 | 6.96 |
| T29 | Acer pseudoplatanus (Sycamore) | 18 | 450 | 6 | 6 | 6 | 6 | 4 | 6(N) | M | Good | Major deadwood in crown. | | 20+ | B1 | 5.4 |
| T30 | Acer pseudoplatanus (Sycamore) | 16 | 380 | 6 | 6 | 6 | 6 | 4 | 6(N) | M | Good | Major deadwood in crown. | | 20+ | B1 | 4.56 |
| T31 | Acer pseudoplatanus (Sycamore) | 16 | 500 | 6 | 6 | 6 | 6 | 4 | 6(N) | M | Good | Major deadwood in crown. | | 20+ | B1 | 6 |
| T32 | Fraxinus excelsior (Ash) | 18 | 650 | 7 | 7 | 7 | 7 | 4 | 6(N) | M | Good | Major deadwood in crown. | | 20+ | B1 | 7.8 |
| T33 | Malus (Apple) | 3 | 100 | 1.5 | 1.5 | 1.5 | 1.5 | 1 | 0.5(N) | SM | Fair | | | 10+ | C1 | 1.2 |
| T34 | Malus sylvestris (Crab Apple) | 8 | 230 | 3 | 3 | 3 | 3 | 3 | 3(N) | OM | Fair | Major bark wounding on stem. | | 10+ | C1 | 2.76 |
| T35 | Malus (Apple) | 9 | 260 | 3 | 3 | 3 | 3 | 3 | 3(N) | OM | Poor | Decay present on stem. Major bark wounding on stem. | | <10 | U | 3.12 |
| T36 | Prunus domestica (Damson) | 4 | 140 | 2 | 2 | 2 | 2 | 2 | 2(S) | OM | Poor | Declining. Decay present on stem. | | <10 | U | 1.68 |

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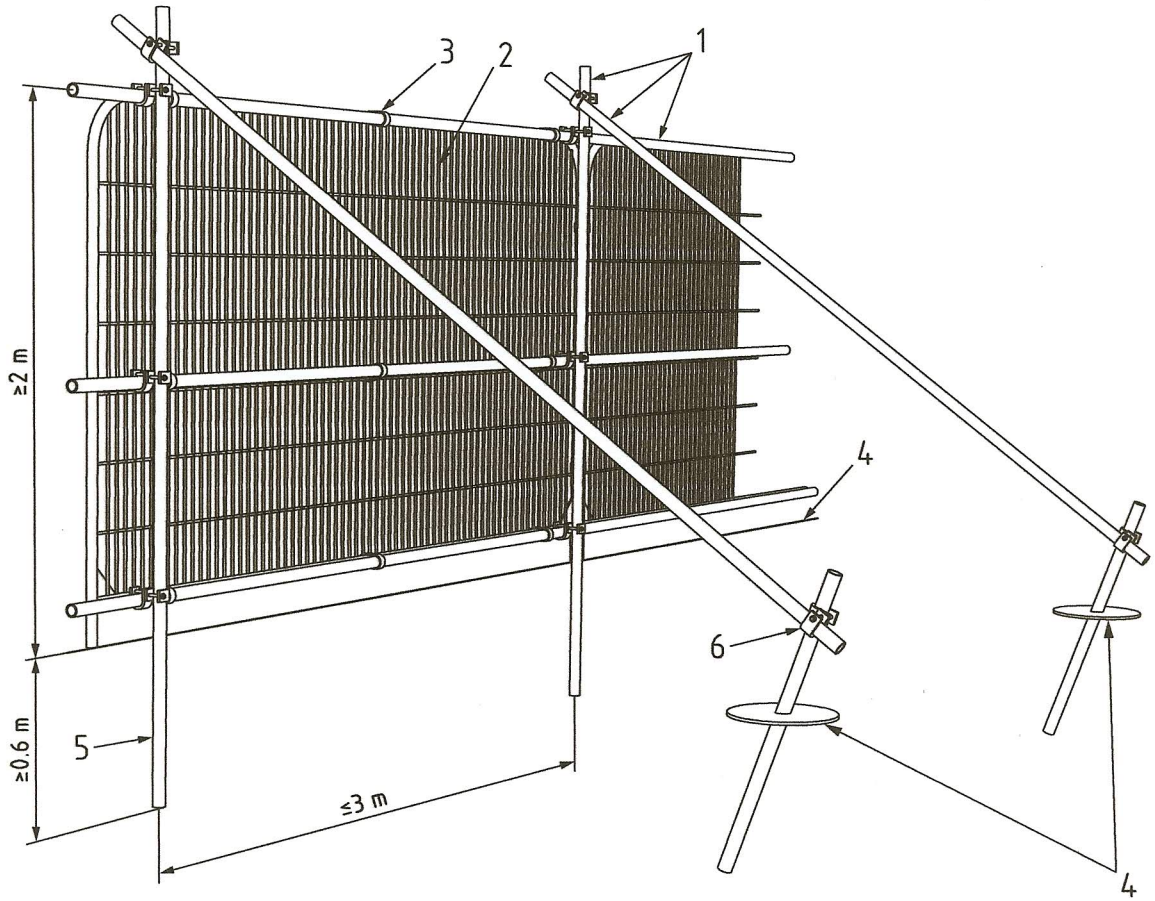
| Tree Ref. | Species | Height | Stem Diameter | Branch Spread | | | | Crown Clearance | FSB Height + Direction | Life Stage | Phys. Condition | Structural Condition | Recommendations | Estimated Remaining Contribution | Category Grading | RPA Radius |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | | | | | |
| T37 | Larix decidua (European Larch) | 16 | 470 | 8 | 4 | 8 | 8 | 2 | 6(NW) | M | Fair | Cavity on stem. Major bark wounding on stem. Major deadwood in crown. Crown distorted due to group pressure. | | 10+ | C1 | 5.64 |
| T38 | Malus sylvestris (Crab Apple) | 8 | 350 | 5 | 5 | 5 | 5 | 3 | 3(N) | OM | Fair | Low vitality. Minor deadwood in crown. | | 10+ | C1 | 4.2 |
| T39 | Chamaecyparis lawsoniana (Lawson Cypress) | 14 | 420 | 2 | 2 | 2 | 2 | 2 | 3(SW) | M | Fair | Minor deadwood in crown. | | 10+ | C1 | 5.04 |
| T40 | Malus (Apple) | 6 | 180 | 2 | 2 | 2 | 2 | 2 | 0.5(E) | OM | Fair | Low bud/leaf density. Minor deadwood in crown. | | 10+ | C1 | 2.16 |
| T41 | Chamaecyparis lawsoniana (Lawson Cypress) | 15 | 550 | 2 | 2 | 2 | 2 | 2 | 3(E) | OM | Poor | Decay present on stem. Major bark wounding on stem. | | <10 | U | 6.6 |
| T42 | Thuja occidentalis (White Cedar) | 10 | 230 | 2 | 2 | 2 | 3 | 2 | 3(E) | M | Poor | | | 10+ | C1 | 2.76 |
| T43 | Cupressus macrocarpa (Monterey Cypress) | 15 | 600 | 3 | 3 | 3 | 3 | 2 | 3(E) | OM | Poor | Decay present on stem. Major bark wounding on stem. Weak fork. | Fell tree on the grounds of safety. | <10 | U | 7.2 |

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| Tree Ref. | Species | Height | Stem Diameter | Branch Spread | | | | Crown Clearance | FSB Height + Direction | Life Stage | Phys. Condition | Structural Condition | Recommendations | Estimated Remaining Contribution | Category Grading | RPA Radius |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | | | | | |
| T44 | Fagus sylvatica (Beech) | 18 | 850 | 10 | 10 | 10 | 10 | 7 | 7(S) | OM | Poor | Dieback in crown. Beech bark diease caused by Nectria coccinea spread by Cryptococcus fagisuga. Presence of Kretzschmaria deusta indicates severe decay present in base. | Fell tree on the grounds of safety. | <10 | U | 10.2 |
| G1 | Fagus sylvatica (Beech),Acer pseudoplatanus (Sycamore),Salix fragilis (Crack Willow) | 16 | 500 | 6 | 6 | 6 | 6 | 2 | 5(SW) | M | Good | Major deadwood in crown. Low crown over site. | Remove major deadwood over site.Crown lift over site 5m. | 20+ | B2 | 6 |

Figure 2 **Default specification for protective barrier**




**Key**

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps



**PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.**



**TREE PROTECTION AREA**
**KEEP OUT !**

**TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS**

**ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY**

0 2 4 6 8 10m
1:200

N

G1-Beech, Sycamore, Crack Willow

T1-Wild Cherry

T2-Sycamore

T3-Holly

T4-Sycamore

T5-Sycamore

T6-Beech

T7-Beech

T8-Beech

T9-Whitebeam

T10-Beech

T11-Sycamore

T12-Sycamore

T13-Sycamore

T14-Sycamore

T15-Beech

T16-Sycamore

T17-Ash

T18-Ash

T19-Sycamore

T20-Sycamore

T21-Sycamore

T22-Sycamore

T23-Sycamore

T24-Sycamore

T25-Sycamore

T26-Sycamore

T27-Sycamore

T28-Sycamore

T29-Sycamore

T30-Sycamore

T31-Sycamore

T32-Ash

T33-Apple

T34-Crab Apple

T35-Apple

T36-Damson

T37-European Larch

T38-Crab Apple

T39-Lawson Cypress

T40-Apple

T41-Lawson Cypress

T42-White Cedar

T43-Monterey Cypress

T44-Beech

Grass

Gravel

Setts

Concrete

Post & Rail Fence

Wire Mesh Fence

Overhead Telephone Cable

Gate

GP

Post

## Notes:

1. Do not scale off this drawing. Tree canopies are symbolic only and are representative of the average spread; this may not represent the true outline. Note that the tree stem may not sit centrally to canopy. The stem is not shown to scale - see schedule.
2. The original of this drawing was produced in colour – a monochrome copy should not be relied upon.

| Rev: | Date: | Status/Amendments: | By: |
|---|---|---|---|

Key:

- Category A Tree
- Category B Tree
- Category C Tree
- Category U Tree
- Branch Spread
- Tree to be Removed
- Root Protection Area (RPA)
- First Significant Branch Direction
- Root Protective Barrier
- Special Measures
- Tree Shadow


GROWING SINCE ● 1982
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Client:
Stuart Heath

Project:
Highfield House, Leek

Drawing Title:
Tree Constraints Plan

| Scale: | Paper Size: | Date Created: |
|---|---|---|
| 1:200 | A1 | 18/09/17 |
| Drawing Number: | | Drawing Revision: |
| THL-0551 | | 1 |

0 2 4 6 8 10m
1:200

N

Existing garden shed to be removed.

Existing garden wall to be retained and made good.

G1-Beech, Sycamore, Crack Willow

T1-Wild Cherry

T2-Sycamore

T3-Holly

T4-Sycamore

T5-Sycamore

T6-Beech

T7-Beech

T8-Beech

T9-Whitebeam

T10-Beech

T11-Sycamore

T12-Sycamore

T13-Sycamore

T14-Sycamore

T15-Beech

T16-Sycamore

T17-Ash

T18-Ash

T19-Sycamore

T20-Sycamore

T21-Sycamore

T22-Sycamore

T23-Sycamore

T24-Sycamore

T25-Sycamore

T26-Sycamore

T27-Sycamore

T28-Sycamore

T29-Sycamore

T30-Sycamore

T31-Sycamore

T32-Ash

T33-Apple

T34-Crab Apple

T35-Apple

T36-Damson

T37-European Larch

T38-Crab Apple

T39-Lawson Cypress

T40-Apple

T41-Lawson Cypress

T42-White Cedar

T43-Monterey Cypress

T44-Beech

Plot 1

Plot 2

Plot 3

Plot 4

Post & Rail Fence

Wire Mesh Fence

Overhead Telephone Cable

Gate

Grass

Gravel

Setts

## Notes:

1. Do not scale off this drawing. Tree canopies are symbolic only and are representative of the average spread; this may not represent the true outline. Note that the tree stem may not sit centrally to canopy. The stem is not shown to scale - see schedule.
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| Rev: | Date: | Status/Amendments: | By: |
|---|---|---|---|

Key:

- Category A Tree
- Category B Tree
- Category C Tree
- Category U Tree
- Branch Spread
- Tree to be Removed
- Root Protection Area (RPA)
- First Significant Branch Direction
- Root Protective Barrier
- Special Measures
- Tree Shadow


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Client: Stuart Heath

Project: Highfield House, Leek

Drawing Title: Arboricultural Impact Assessment

| Scale: | Paper Size: | Date Created: |
|---|---|---|
| 1:200 | A1 | 16/10/17 |
| Drawing Number: THL-0551 | | Drawing Revision: 2 |

0 2 4 6 8 10m
1:200

N

Existing garden shed to be removed.

Existing garden wall to be retained and made good.

G1-Beech, Sycamore, Crack Willow

Plot 1

Plot 2

Plot 3

Plot 4

T2-White Cedar

T40-Apple

T39-Lawson Cypress

T5-Sycamore

T3-Holly

T4-Sycamore

T6-Beech

T7-Beech

T8-Beech

T9-Whitebeam

T10-Beech

T11-Sycamore

T12-Sycamore

T13-Sycamore

T14-Sycamore

T15-Beech

T16-Sycamore

T18-Ash

T17-Ash

T19-Sycamore

T20-Sycamore

T37-European Larch

T36-Damson

T38-Crab Apple

T35-Apple

T34-Crab Apple

T21-Sycamore

T22-Sycamore

T23-Sycamore

T24-Sycamore

T25-Sycamore

T26-Sycamore

T27-Sycamore

T28-Sycamore

T33-Apple

T30-Sycamore

T29-Sycamore

T31-Sycamore

T32-Ash

Post & Rail Fence

Wire Mesh Fence

Overhead Telephone Cable

Gate

Grass

Gravel

Setts

## Notes:

1. Do not scale off this drawing. Tree canopies are symbolic only and are representative of the average spread; this may not represent the true outline. Note that the tree stem may not sit centrally to canopy. The stem is not shown to scale - see schedule.
2. The original of this drawing was produced in colour – a monochrome copy should not be relied upon.

| Rev: | Date: | Status/Amendments: | By: |
|---|---|---|---|

Key:

- Category A Tree
- Category B Tree
- Category C Tree
- Category U Tree
- Branch Spread
- Tree to be Removed
- Root Protection Area (RPA)
- First Significant Branch Direction
- Root Protective Barrier
- Special Measures
- Tree Shadow


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TREE HERITAGE
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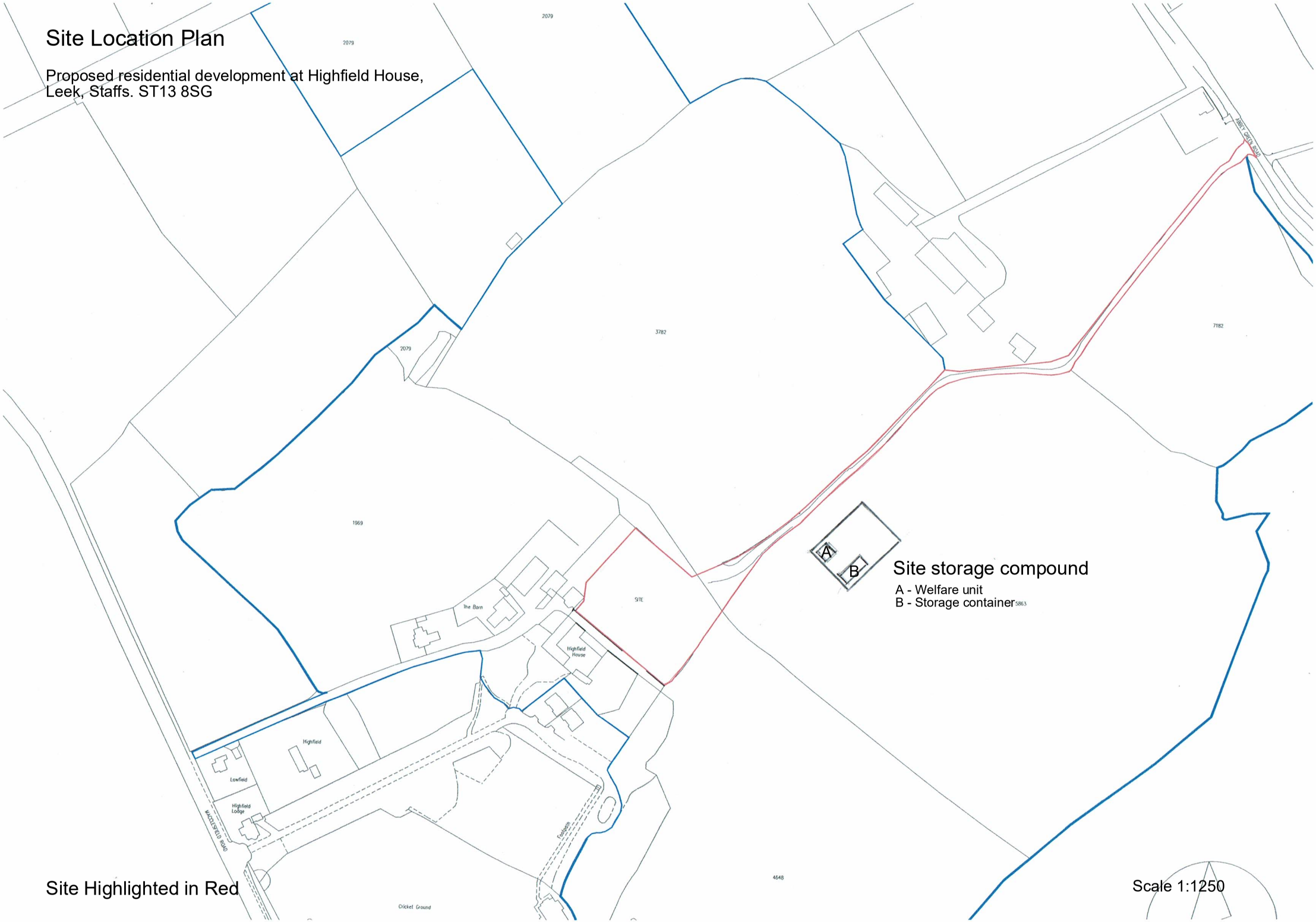
Project: Highfield House, Leek

Drawing Title: Tree Protection Plan

| Scale: | Paper Size: | Date Created: |
|---|---|---|
| 1:200 | A1 | 16/10/17 |
| Drawing Number: THL-0551 | | Drawing Revision: 3 |

# Site Location Plan

Proposed residential development at Highfield House,
Leek, Staffs. ST13 8SG




Site Highlighted in Red

Scale 1:1250