Arboricultural Method Statement

Site:
Former St Mathews Infant School
Borstal Street
Borstal
Rochester
Kent
ME1 3NN

Planning Application MC/15/0958
Appeal Ref: APP/A2280/W/15/3134776
Produced in fulfilment of Planning Condition 7 and part fulfilment of 19

Prepared for: King & Johnston Homes

Prepared by:
Sam Bateson. Tech.Cert. (Arbor. A.)

6th March 2017
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Terms of Reference</td>
<td>3</td>
</tr>
<tr>
<td>2) Site Information</td>
<td>4</td>
</tr>
<tr>
<td>3) Introduction</td>
<td>5</td>
</tr>
<tr>
<td>4) Tree Works</td>
<td>6</td>
</tr>
<tr>
<td>5) Tree Protection</td>
<td>8</td>
</tr>
<tr>
<td>6) Development Operations</td>
<td>11</td>
</tr>
</tbody>
</table>

**Appendix 1:** Sample Tree Protection Notices  14  
**Appendix 2:** Site Supervision / Site Visit Record  16  
**Appendix 3:** Reference Material  17  
**Appendix 5:** Key Messages for Site Induction  18  

**Drawings:**  
- Tree Protection Plan (TPP)  
- Drainage Plan
1) Terms of Reference

1.1 I received my initial instructions from Mr John Pike via email.

1.2 I have been instructed to produce an Arboricultural Method Statement (AMS) in line with British Standard BS5837: 2012 ‘Trees in Relation to Design, Demolition and Construction Recommendations’ with regards the proposed development at the former St Mathews School site.

1.3 The information contained within this Arboricultural Method Statement does not constitute a tree safety inspection.

1.4 A tree survey and constraints plan – as requested in Planning Condition 7 have already been completed and submitted as part of the original Planning Application.

1.5 Qualifications held by me include:

- Arboricultural Association Technicians Certificate
- Arboricultural Association Professional Tree Inspection

I have 15 years of practical arboricultural experience at craft level, as a local authority arboricultural officer, arboricultural contracts manager and as an independent consultant.

Signed:

Sam Bateson          6th March 2017
2) Site Information

2.1 Site Address
Former St Mathews Infant School
Borstal Street
Borstal
Rochester
Kent
ME1 3NN

2.2 Planning Information (Planning Application MC/15/0958)

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact Details</th>
</tr>
</thead>
</table>
| Client                    | Mr John Pike              | King & Johnston Homes Ltd
380 New Hythe Lane
Larkfield
Kent
ME20 7RZ
01622 792255 |
| Architect                 | Shaw Design Services Ltd  | Dalquieth
Northlands Road
Holbrook
Horsham
RH12 5PW
01403 217081 |
| Site Manager/ Contractor  | Mr John Pike              | As above                                                                         |
| Arboriculturist           | Sam Bateson               | 2 Greencroft Cottage
Farley Lane
Westerham
Kent
TN16 1UB
Tel 07789 907 861
sam@chartwelltreeconsultants.co.uk |
| Local Planning Authority (LPA) | Medway Council        | Gun Wharf
Dock Road
Chatham
Kent
ME4 4TR
01634 306000 |
| Planning Officer          | To be confirmed           |                                                                                  |
3) Introduction

To be read in conjunction with the Tree Protection Plan. Copies of these plans are to be available on-site at all times for staff and contractors to see.

3.1 Overview
This document outlines the methodology to be followed for any operation that may result in the loss or damage of trees on the development site. In particular:

- Trees to be retained and removed
- How trees will be protected
- How works close to trees will be carried out
  - Phasing
  - Intensity
  - Method Statements for Specific Operations
- Responsibilities, supervision and emergency procedures

Copies of this document will be available on site for consultation. Reference will be made throughout to BS5837: 2012 ‘Trees in relation to design, demolition and construction – Recommendations’.

3.2 Legal Considerations
A number of the trees on the site are covered by a Tree Preservation Order.

3.3 Significance of Planning Conditions (with reference to Medway Council’s policy)
Planning permission for this development is subject to the approval of and compliance with this Arboricultural Method Statement. Any breaches of this or other conditions may result in the Local Planning Authority carrying out an investigation of that breach. The property owner / developer will be advised to adhere to the requirements of the planning conditions. If the breach continues to take place the council can use various planning enforcement tools such as a Temporary Stop Notice, Enforcement / Stop Notice, and a Breach of Condition Notice.
4) Tree Works

4.1 **Trees to be Retained**

The following trees within and adjacent to the site boundary are to be *retained* with appropriate protection:

<table>
<thead>
<tr>
<th>Tree No.</th>
<th>Species</th>
<th>Pre-Development Tree Work to implement Planning Permission</th>
</tr>
</thead>
<tbody>
<tr>
<td>T3</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>Canopy raise to 5m for access facilitation pruning (1)</td>
</tr>
<tr>
<td>T4</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>Canopy raise to 5m for access facilitation pruning (1)</td>
</tr>
<tr>
<td>3P1</td>
<td>Ash (<em>Fraxinus excelsior</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T7</td>
<td>Elder (<em>Sambucus nigra</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T8</td>
<td>Elder (<em>Sambucus nigra</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T9</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T11</td>
<td>Field Maple (<em>Acer campestre</em>) <em>TPO</em></td>
<td>No works required.</td>
</tr>
<tr>
<td>T13</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T14</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T15</td>
<td>Field Maple (<em>Acer campestre</em>) <em>TPO</em></td>
<td>No works required.</td>
</tr>
<tr>
<td>T16</td>
<td>Group of 3 Field Maples (<em>Acer campestre</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T17</td>
<td>Hawthorn (<em>Crataegus monogyna</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T18</td>
<td>Elder (<em>Sambucus nigra</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>T19</td>
<td>Field Maple (<em>Acer campestre</em>) <em>TPO</em></td>
<td>No works required.</td>
</tr>
<tr>
<td>3P2</td>
<td>Field Maple (<em>Acer campestre</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>3P3</td>
<td>Field Maple (<em>Acer campestre</em>)</td>
<td>No works required.</td>
</tr>
<tr>
<td>G1</td>
<td>Group of Sycamore and Ash in Pocket Park <em>TPO</em></td>
<td>No works required.</td>
</tr>
<tr>
<td>G2</td>
<td>Group of Pines in Pocket Park <em>TPO</em></td>
<td>No works required.</td>
</tr>
</tbody>
</table>

1 – This is considered to be ‘Access Facilitation Pruning’ as per BS: 5837, 8.8.1.2 c and should be the absolute minimum necessary to ensure the safe passage of any high-sided or over size vehicles. A banksman will supervise any movement of machinery or high-sided vehicles along the existing driveway.

The above works are required to implement the planning permission, there is a presumption that written approval of this Arboricultural Method Statement will represent deemed consent for the above works without further reference to the Local Planning Authority.
4.2 **Trees to be Removed**

The following trees are to be **removed** as detailed on the Tree Protection Plan. Trees to be removed are marked by a **red dashed circle**.

<table>
<thead>
<tr>
<th>Tree No.</th>
<th>Species</th>
<th>Pre-Development Tree Work to implement Planning Permission</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>) <strong>TPO</strong></td>
<td>Remove tree and grind stump.</td>
</tr>
<tr>
<td>T2</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>Remove tree and grind stump.</td>
</tr>
<tr>
<td>T5</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>Remove tree and grind stump.</td>
</tr>
<tr>
<td>T6</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>Remove tree and grind stump.</td>
</tr>
<tr>
<td>T10</td>
<td>Elm (<em>Ulmus Procera</em>)</td>
<td>Remove tree.</td>
</tr>
<tr>
<td>T12</td>
<td>Field Maple (<em>Acer campestre</em>)</td>
<td>Remove tree.</td>
</tr>
<tr>
<td>3P4</td>
<td>Cherry (<em>Prunus kazan</em>)</td>
<td>Remove tree and grind stump.</td>
</tr>
<tr>
<td>T20</td>
<td>Sycamore (<em>Acer pseudoplatanus</em>)</td>
<td>Remove tree and grind stump.</td>
</tr>
<tr>
<td>G3</td>
<td>Predominantly Elm interspersed with Hawthorn, Ash and Elder</td>
<td>Remove trees and shrubs and grind stumps and clear weeds/brambles for re-planting.</td>
</tr>
</tbody>
</table>

4.3 **Conditions Regarding Tree Work**

Tree work is a potentially hazardous activity; anyone carrying out these operations must be appropriately trained, experienced and carry appropriate insurance. All works will be carried out in accordance with BS3998: 2010 ‘Recommendations for Tree Work’. In addition:

- Dismantling techniques and vehicle access within the Root Protection Areas (RPA’s) of any retained trees must minimize the risk of damage e.g. soil compaction, using temporary ground protection where necessary
- Full consideration must be given to all relevant legislation including the Health and Safety at Work Act 1974, the Management of Health and Safety at Work Regulations 1999, the Wildlife and Countryside Act 1981 (as amended), The Countryside and Rights of Way Act 2000 and the Conservation of Habitats and Species Regulations 2010 regarding European Protected Species such as bats
- All tree works to be carried out **only** by qualified and competent arboricultural contractors
- Contractors to confirm TPO / Conservation Area status and necessary permissions before work starts.
5) Tree protection

5.1 **Protective Fencing**

Protective fencing (highlighted in Blue on the Tree Protection Plan) will be fit for purpose, complying with Figure 3 in BS5837: 2012, HERAS fencing with stabilizer strut mounted on block tray can be used for the trees in pocket park. For example, site huts or temporary buildings may be used as part of the protective barriers (BS5837 section 6.2.2 Note 2).

Protective fencing will:

- Be erected prior to any demolition or construction (excluding pre-development tree works) taking place at distances specified within the approved plans.
- Have appropriate all-weather warning signs clearly affixed e.g. ‘PROTECTED TREE – KEEP OUT’ (See Appendix 2 for suggested examples)
- Remain in place until completion of the construction phase. Removal only to take place following the approval of Chartwell Tree Consultants.

The line of fencing that separates the main build area from trees 3P1 – T19 must be constructed using heavy duty scaffold frameworks as per below:
Once erected, the area behind the barriers – the Construction Exclusion Zone (CEZ) – must be regarded as sacrosanct and not removed or altered without the prior recommendation of Chartwell Tree Consultants and approval of the LPA.

Where site huts or temporary storage containers are used as components of the protective fencing the following precautions should be observed:

- Use railway sleepers (or similar bulk timber / ground mats) to spread the load
- No excavation within the RPA to install the huts or containers i.e. they are installed using low invasive techniques
- Hand dig methods must be used to install temporary services e.g. drainage to the site facilities
- Protective fencing as per section 5.1 to link in any gaps in the perimeter
- Observe all precautions set out in this document regarding discharge of materials, diesel, concrete, etc. and emergency procedures in the event of spillages (sections 6.7 and 6.9)

5.2 **Works within the RPA**

The construction of the new metal railings to the south of trees 3P1 – T19 is to be undertaken at the end of the build process and in conjunction with the removal of the tree protective fencing.

One section of protective fencing is to be removed and replaced with the metal railings – and so on – ONLY UP TO THE END OF THE RAILINGS. The fencing to the rear of 7-10 must be left in the same position for the entire length of the build. The proposed boundary construction to the rear of plots 7-10 along the northern boundary shall be evaluated on site so as to ascertain the best construction method e.g. timber Unilog retaining wall, Criblock system or sheet piling with a 1.5m high green coated chain link fence.

Due to the topography of the bank roots from the trees are unlikely to be encountered; however any roots found smaller than 25mm may be pruned back using handsaws or secateurs. Roots larger than 25mm can only be severed following consultation with Chartwell Tree Consultants. If liquid concrete is to be used to create a foundation base then this will need to be sheathed with heavy duty polythene to prevent any chemical leaching.

It will not be necessary to redirect the drainage for the dwelling within the RPA’s of any trees on the site (as shown on the attached Tree Protection plan). If the drainage is to be re-located within any root protection areas trenchless methods will need to be implemented as detailed in BS5837 Table 3.
No significant tree works to take place in the bank between Pocket Park and the development.

The 2m high proprietary retaining wall (Criblock or similar) to the rear of plots 7 – 10 is not within the RPA’s of the trees to be retained to the Northwest – no materials to be discharged or the mixing of concrete within the CEZ.

No new drainage system is to be installed within the CEZ – drainage is to be connected to the existing manhole **2601** – see attached drainage plan.

No washing of machines or equipment, mixing of concrete or cleaning of wet concrete to be undertaken within 5m of the banking and 10m of the retained trees.

**Works Within Fenced Off Banking**

Only minor clearance intended within this area which include the clearing of general debris, dead wood and fallen branches. No machinery of any sort is permitted. Only suitably trained, instructed and supervised personnel allowed.

**Pocket park**

As part of the above development it has been agreed with Medway Council the site contractors shall undertake the below operations within Pocket Park – see Tree Protection Plan for further details:

- Cut grass and remove rubbish
- Close mow a 1.2m wide footpath strip
- Supply and installation of 1 x tubular steel field gate – 3m width
- Supply and install 1 x sign to gate with name of site and contact details (Medway Green Spaces 01634 33 33 33)
- Supply and install 2 x ‘Centrewire’ motorbike inhibitors (powder coated)
- Supply and install 1 x litter bin (Streetmaster Cambridge)
- Supply and install 1 x dog bin (Glasdon retriever 50 Litre)
- Supply and install 1 x wooden 5ft bench – see TPP for position
- Repair existing chain link fence at the bottom of the bank on the southern boundary of proposed pocket park and install a 1m wide maintenance access point (steel tubular gate).
In regards to the above works, no special engineering requirements are required; however the above works are to be implemented at the end of the build process in conjunction with the removal of the Tree Protective Fencing.

5.3 **Ground Protection and Temporary Access**

Ground protection methods will not be required.

**6) Development Operations**

6.1 The nature of the development and available space should result in a Moderate intensity build environment as overseen by the site agent. Specific details include:

<table>
<thead>
<tr>
<th>Site Access</th>
<th>Use of existing hard standing road surface in Elm Tree Drive. Plant movements, deliveries and high sided vehicles to be overseen by banksman.</th>
</tr>
</thead>
</table>
| **Build Sequence**            | • Tree works/shrub and group clearance  
                                 | • Erection of protective fencing  
                                 | • Excavation of new foundations  
                                 | • Construction of new buildings and access roads  
                                 | • Hard landscaping  
                                 | • Pocket Park improvements  
                                 | • Removal of protective fencing, finishing hard landscaping operations  
                                 | • Planting operations |
| **Service Installation**      | Any new installations to be approved by the LPA and in accordance with NJUG Volume 4 – air spade to be used within RPA's |
| **Contractors Car Parking**   | Any areas outside of Construction Exclusion Zones |
| **Deliveries / Storage**      | As Contractors Parking |
| **Site Huts / Welfare Facilities** | N/A |

6.2 **Tree Watering**

- The surrounding trees are well established mature specimens and are therefore unlikely to require additional watering during the construction process as long as the Construction...
Exclusion Zone is kept sacrosanct. Regular monitoring is also to be undertaken to assess health and wellbeing.

6.3 **Soft Landscaping**

- New tree planting should adhere to distances from structures as outlined in BS5837: 2012 Table A.1
- Landscaping operations should be carried out in accordance with BS4428: 1989 and BS5837: 2012
- Any landscaping operations (including ground preparation) within the Construction Exclusion Zones to be undertaken using hand tools to minimise the potential for root damage. Details to be supplied by a Landscape Architect.
- As a replacement for the removal of G3 a new double row hedge containing Hawthorn, Blackthorn, Hazel and Field Maples (60 – 90cm whips, 1m centred, double offset row) is to be planted along the SW boundary. This hedge is to be interspersed with heavy standard 10-12cm girth container grown Oaks at 10m intervals that will soon form a wildlife and landscape asset – see tree protection plan for position. Trees should be planted in line with BS 8545. Once planted the hedgerow will need to be fenced off with and agricultural style wooden post and mesh fence along with access point for maintenance. This can be removed once the hedge has become well established.

**Established Example**
6.4 **Aftercare**

Trees to be inspected and any post development works specified to BS3998: 2010.

6.5 **Prohibited Activities / General Precautions**

- No materials which will contaminate the soil e.g. concrete mixings, diesel, vehicle washings will be discharged within 10m of any tree stem
- No storage of materials or mixing of concrete / mortar within 5m of any stem
- No fires will be lit where their flames can extend to within 6m of any part of the tree
- Notice boards, etc. must not be attached to any part of a tree
- Consideration must be given to any slopes that may affect the run-off towards trees

6.6 **Responsibilities**

- The main contractor and any sub-contractors are to be briefed by the Site Agent / Manager on the relevant sections of this prior to commencing any works particularly with regards to the Prohibited Activities. Copies of general information regarding the prevention of damage to trees are included in Appendix 5 to assist with the site induction
- The main contractor is responsible for contacting the LPA at any time issues relating to the trees on site are raised
- Any amendments to this document due to unforeseen circumstances are to be submitted to the LPA for approval.

6.7 **Supervision & Emergency Procedures**

- Day-to-day supervision will be the responsibility of the Site Agent / Manager.
- Chartwell Tree Consultants Ltd to be contacted on 07789907861 for advice immediately following any unauthorised incursion into a Construction Exclusion Zone and the LPA to be informed.
- Water is readily available on site and will be used to flush spilt materials through the soil and minimise tree root contamination. At the time of any such incident, the site agent / manager is to contact an arboriculturist for advice
- Spill kits to be available at all times
- A copy of this Arboricultural Method Statement to be available on site at all times
WARNING

PROTECTED TREE

Tree Protective barriers are essential to protect tree roots from soil compaction, contamination, poisoning, etc.

Tree Protective Barriers **MUST NOT BE REMOVED** or **REPOSITIONED** unless permitted to do so by the Local Planning Authority (LPA).

The barriers **MUST** remain in place until completion of the development
Or such earlier time as agreed by the LPA.

PROSECUTION may result from a failure to adhere to these instructions.
MEDWAY Council can be contacted on 01634 306000.
PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.

TREE PROTECTION AREA
KEEP OUT!
(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A TREE PRESERVATION ORDER. CONTRAVENITION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY
# Appendix 2 – Site Supervision / Site Visit Record

## Arboricultural Consultant’s Development Site Monitoring Form

<table>
<thead>
<tr>
<th>Arboricultural Consultant’s Details:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company name/address</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consultant’s name</th>
</tr>
</thead>
<tbody>
<tr>
<td>tel:</td>
</tr>
<tr>
<td>fax:</td>
</tr>
<tr>
<td>mob:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Development site address:</th>
<th>Local Planning Authority (LPA):</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LPA Case Officer:</th>
<th>LPA Tree Officer:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Developer’s details:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company name/address</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Developer’s name</th>
</tr>
</thead>
<tbody>
<tr>
<td>tel:</td>
</tr>
<tr>
<td>fax:</td>
</tr>
<tr>
<td>mob:</td>
</tr>
</tbody>
</table>

### Stage of development (✓):
- **Pre-development works**
  - Tree works
  - Protective fencing/tape
  - Fencing signage
  - Ground protection
  - Temporary haul road
- **Development works**
  - Demolition
  - Grading/muck away
  - Placing portacabin
  - Excavations/services
- **Post-development works**
  - Rectifying tree damage/pruning
  - Hard landscaping/walkways/drives
  - Removal of protective fencing etc
  - Soft landscaping
  - Construction works
  - Special surfacing
  - Tree planting

### Findings:

### Action taken:

### Further action required/recommendations:

### Comments:

<table>
<thead>
<tr>
<th>Date of site visit:</th>
<th>Date of next site visits</th>
</tr>
</thead>
</table>

Date sent to Local Planning Authority Case Officer: ____________________________
Appendix 3 – Reference Material

- APN 12 ‘Through the Trees to Development’ 2007
- British Standard 3998: 2010 ‘Recommendations for Tree Work’
- DETR ‘Tree Preservation Orders: A Guide to the Law and Good Practice’
- NHBC Chapter 4.2 ‘Building Near Trees’ 2011
- Countryside and Rights of Way Act 2000
- Conservation of Habitats and Species Regulations 2010
- Health and Safety at Work Act 1974
- Management of Health and Safety at Work Regulations 1999
- Wildlife and Countryside Act 1981
Appendix 4 – Key Messages for Site Induction (courtesy of the Arboricultural Information Exchange, www.AIE.org.uk)

Common causes of Tree Death

The use of properly positioned protective fencing can prevent tree deaths occurring.

1. Damage to major limbs must be avoided. Ragged wounds speed infection.
2. Parking of heavy vehicles and cars must not be allowed near the root area. Compaction and oil contamination result.
3. Fires should not be lit in the vicinity of trees. Burning by flames causes death and disease.
4. Lowering ground levels severs roots causing severe dieback.
5. Raising ground levels even for only a few weeks and by only several centimetres can suffocate roots, causing severe dieback.
6. Trenches dug within root area sever roots, causing instability and crown dieback.
7. Storage of materials within root area causes compaction and root suffocation.
8. Spilling of diesel oil, chemicals and cement close to root area causes root death.

Construction and Trees

Why Is Fencing Erected Around Trees?

1. The major cause of damage to trees on construction sites is due to soil compaction.
2. Roots use the spaces between soil particles to obtain Oxygen, Water and Nutrients.
3. Heavy plant and machinery compresses (compacts) the soil, squashing out the air spaces and preventing root function.
4. A compacted soil structure will stay compacted.
5. Consequently the tree suffers and will show signs of branch die-back.
6. Symptoms such as die-back may take several years to appear.
7. Soil compaction over roots can be prevented by maintaining a fenced exclusion zone over the tree roots.
8. The exclusion zone distance is calculated using British Standard 5837.
9. Protective Fencing is installed at the calculated distance.
10. Protective Fencing is a condition of planning approval, if it is removed or repositioned the construction firm is in breach of a condition and may be subjected to legal action.

Please use copies of this as an on-site poster for personnel
**Tree Protection Plan**

- **Tree to be retained**
- **Tree to be removed**
- **Group of trees to be removed - indicative only**
- **Tree protection fencing**
- **New hedgerow interspersed with heavy standard trees**
- **Post and wire mesh fence**
- **Gates and maintenance access points**
- **RPA for retained trees only**

---

**Notes:**
- Do not scale from this drawing.

**Tree Protection Plan**

- **Tree to be retained**
  - Indicates line of existing 'protected' trees to be retained with amenity area connection to existing manhole to serve proposed residential development, all to be in accordance with relevant Drainage and Building Control Authority.

- **Tree to be removed**
  - Indicates line of fencing must be heavy only - not actual.
  - CEZ - see arboricultural method statement.
  - Note - existing public footpath to provide pedestrian and maintenance access to proposed Public Open Space.

- **Post and wire mesh fence**
  - 3m wide vehicle access (steel tubular gate) with 'Centrewire' installed at the end of the build project.
  - Note - existing carriageway widened to 3.3m and parking lay-by spaces.

- **New hedgerow**
  - New mixed Hawthorn, Blackthorn, Hazel and Field Maple Hedge interspersed with Oak trees every 10m - see AMS for more details - to be planted at the end of the build project.

- **New mixed hedge**
  - 3m wide access point for maintenance.

---

**Charsfield Tree Consultants Ltd**
2 Greenwoods Cottage
Farley Lane
Westerham
Kent
TN16 1UB
Tel: 01959 569 280