



Arboricultural Method Statement

For trees at :

**86A Burton Road,
Monk Bretton,
Barnsley,
S17 2AA**

Prepared for: Mr S T A Cooper, 86A Burton Road, Oldmill, Barnsley,
South Yorkshire, S71 2AA

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1. Introduction

- 1.1** This method statement has been prepared by Bramley Tree Consultancy on behalf of Mr S T A Cooper (the client) to discharge Planning Condition 5 in respect on planning application 2017/0587.
- 1.2** This statement provides the measures to protect retained trees situated at 86A Burton Road, Monks Bretton, Barnsley, S17 5AA (the site).
- 1.3** This method statement and Tree Protection plan have been produced as a desk exercise using the following documents provided by the client, no site visit has been undertaken.
- Arboricultural Report, and Tree Retention Plan undertaken by JCA Limited
 - Tree Retention Plan PDF – Number of the Site
- 1.4** This statement provides the methodology to undertake the proposed works that may affect the trees on the site.
- 1.5** The compliance with this method statement will be a requirement off all relevant contractors that will be associated with the construction of this development and must be adhered to at all times.
- 1.6** This document must be used in conjunction with the Tree Protection Plan BTC-TPP-9-2-21.1.

2. Phasing of Works

2.1 Phasing of works must be as follows: -

- All tree works that have been approved as part of the consented development must be carried out prior to any other site works.
- All tree protection measures for the retained trees must be installed as detailed below.
- All demolition and construction works are to be undertaken.
- Tree protection measures are to be removed.
- Soft landscaping is to be undertaken.
- New planting to be undertaken.

3. Responsibility

- 3.1** It is the responsibility of the main contractor to ensure that the planning conditions and method statements are adhered to at all times by all staff.
- 3.2** It is the responsibility of the main contractor to ensure that the construction sequence is appropriate to ensure that no damage occurs to the trees.
- 3.3** It is the responsibility of the main contractor (or appointed person) to ensure that all protective fences will remain maintained and in position until completion of all of the construction works

on site, along with the maintenance and positional at all times of the warning signs on the protective fences.

4. Tree works

- 4.1** All consented tree works must be undertaken prior to any other works commencing and prior to tree protection being installed.
- 4.2** All tree works must be undertaken by a qualified and experience arboricultural contractor, and must be completed to BS3998:2010 'Recommendations for Tree Work'.
- 4.3** The statutory protection afforded by the "Wildlife and Countryside Act 1981" and the "Countryside and Rights of Way Act 2000" must be adhered to. If any further advise is needed, such as if bats are discovered during any tree works, it must be obtained from Natural England or other competent persons and their recommendations adhered to.
- 4.4** Any stumps that must be removed within the Construction Exclusion Zone (CEZ) or the Root Protection Areas (RPA) must be, either cut flush and left in situ or ground out using a stump grinder ensuring neighbouring tree roots remain intact.

5. Tree Protection Fencing

- 5.1** Tree protection methods must be installed around any retained tree before any plant or materials are brought onto site and before any demolition or construction works are undertaken.
- 5.2** All tree protection methods must be installed as detailed below and as laid out in the Tree Protection Plan.
- 5.3** Tree protection fencing must be fit for purpose, suitable for the site and well braced to resist impacts. The fencing must be maintained and remain rigid and in place during the construction phase.
- 5.4** The fencing, in most situations, will comprise of a vertical and horizontal framework with a welded mesh infill or Herras fencing secured to the frame work, as shown in Appendix One. The vertical tubes must be placed no further than at 3m intervals and driven securely into the ground. Care must be exercised when locating the upright and bracing poles to ensure no structural roots are damaged.
- 5.5** Where construction activity is minor and the associated risk of damaging incursion into the RPA is low, Herras fencing, supported with rubber feet that are secured to the ground, as shown in Appendix Two, is considered suitable.
- 5.6** Tree protection fencing and CEZ's must be shown, at all times, with all-weather signs that are secure and clearly visible, as shown in Appendix Three.
- 5.7** When all the fencing has been installed the person responsible should ensure that it has been placed correctly.

- 5.8** Once construction is complete, fencing can be removed, but it must be removed in such a way that damage does not occur to the trees or tree roots.

6. Restrictions within the CEZ

6.1 Inside the CEZ barriers the following shall apply:

- No mechanical excavation whatsoever.
- No excavation by any other means without arboricultural site supervision.
- No hand digging (unless specified by other operational method statements enclosed, which must be followed.)
- No lowering of levels for any purpose (except removal of grass sward using hand tools.
- No storage of plant or materials.
- No storage or handing of any chemical including cement washings.
- No vehicular access.
- No fire lighting.

6.2 A 10m separation distance shall be observed between any tree and any substances injurious to tree health, including fuels, oil, bitumen, cement (including cement washings), builder's sand, concrete mixing and other chemicals.

6.3 No fire shall be lit within 10m of Tree Protection Fencing or that flames can come within 5m of tree foliage

7. Precautions outside of the CEZ

Material Storage

7.1 There must be no storage of materials or spoil within the Construction Exclusion Zones to prevent compaction and contamination.

7.2 All hazardous materials, such as fuels, cement, chemical and oils must be stored a minimum of 10m away from any protected area around a tree, or designated site of re planting.

7.3 The storage area must have an impervious base and bund wall, such as heavy duty plastic material. The bunded area must be able to take the volume of the storage tanks, interconnecting tanks or the largest multiple singular tanks plus 10%.

7.4 Any filling, draining or venting points of the tanks along with gauges and sighting glasses must be placed within the bunding and pipe work must be over ground and protected from any accidental damage.

7.5 Filling and overflow pipes to the tank must be directed downwards into the bunded area, there must also be within the storage area a spill kit and water in case of an accident to contain the spill or flush out the contaminant.

- 7.6** Any bunded water must be disposed of in a way that will not pollute the environment and the construction area.

Mixing of Materials

- 7.7** All mixing of materials must be done outside and at least 10m away from any Root Protection Zones.
- 7.8** The mixing area must be bunded to the same specifications that are described in the “Material Storage” section.
- 7.9** There must a spill kit and a sufficient supply of water must be available on the mixing site, such as a hose pipe, in order to flush the area in case of a spillage.
- 7.10** Any bunded water must be disposed of in a way that will not pollute the environment or the construction site.
- 7.11** There must be a dedicated “wash out” area proved with facilities to store and remove any contaminated water from the site.

Use of Crane

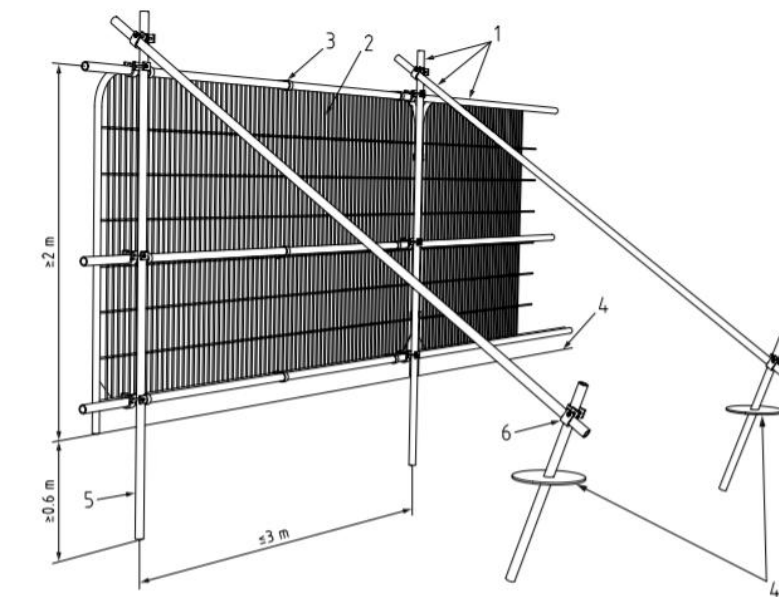
- 7.12** The use of cranes must be outside of any Root Protection Zones
- 7.13** Care must be taken in order to prevent damage to the crown and trunk of the tree from collision with the jib, boom and body of the crane.
- 7.14** A banks man must be used to supervise all working and have the ability to communicate with the crane operator at all times in order to stop works to prevent any damage.

8. Soft Landscaping within RPA

- 8.1** Ground levels must not be changed, no digging or soil levels raised.
- 8.2** There must be no compaction of the soil and no tracking of vehicles unless correct ground protection has been previously constructed and is in place.
- 8.3** The use of rotovators is not permitted within the RPA of any tree.
- 8.4** If existing vegetation needs removing it must be killed using a translocated herbicide spray, such as Glyphosate, applied with the use of a backpack or hand sprayer and allowed to desiccate. Once desiccation has occurred, all vegetation must be removed from the RPA on foot and using hand rakes.
- 8.5** Any major protrusions such as rocks must be carefully removed from the RPA.
- 8.6** Any sunken areas or hollows must be filled with good quality soil and high spots must not be graded off.
- 8.7** Any new soil used must be of good quality, fertile and weed free and must be spread by hand.

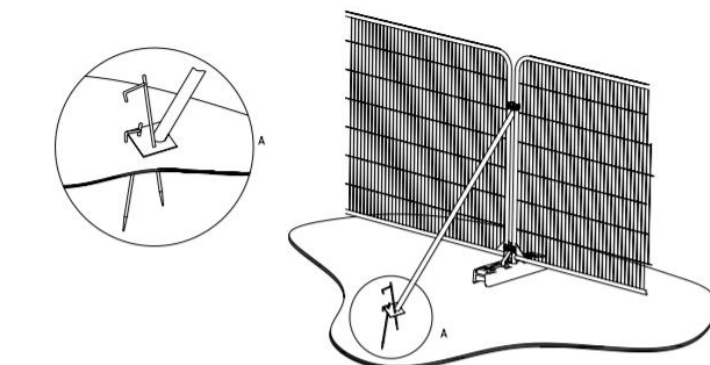
- 8.8** Any new planting that is designated within the RPA of tree must be done with consideration of any tree roots, pits must be dug by hand and extreme caution must be used to ensure that no roots over 25mm are severed.

Appendix One

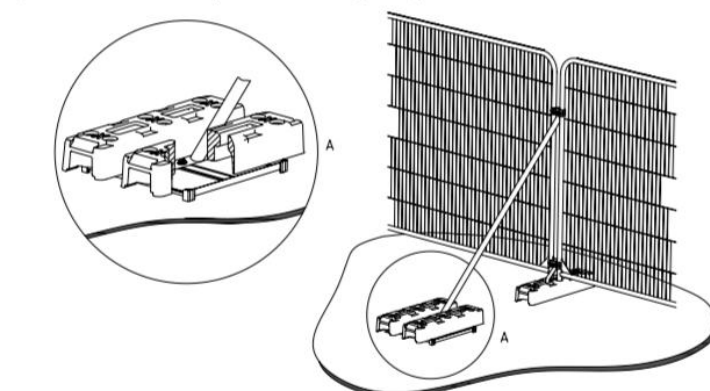


- Key**
- 1 Standard scaffold poles
 - 2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
 - 3 Panels secured to uprights and cross-members with wire ties
 - 4 Ground level
 - 5 Uprights driven into the ground until secure (minimum depth 0.6 m)
 - 6 Standard scaffold clamps

Appendix Two



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

Appendix Three



Appendix Four - Biography

- British Standards Institution – BS5837:2012 “Trees in Relation to Design, Demolition and Construction – Recommendations”
- National Joint Utilities Group Guidelines for the Planning /installation and Maintenance of utility Apparatus in Proximity to Trees (volume 4 issue 2)

Appendix Five – Qualifications and Experience

Qualifications

- ABC Level 6 in Arboriculture – 2018
- Lantra – Professional Tree Inspection - 2015
- ABC Level 4 in Arboriculture - 2015
- ABC Level 2 in Arboriculture (Theory) – 2008
- BTEC Level 3 National Certificate in Forestry and Arboriculture – 2007

Experience

- Bramley Tree Consultancy 2020 – Present
- Tree Officer - East Staffs Borough Council (subcontracted one day) 2011 – Present
- Tree Officer - Tamworth Borough Council 2015 – Present
- Arborist - Moorland Tree and Ground Care 2012 – 2014
- Arborist - Self employed
- Arborist – Treemenders LTD 2007 – 2009

Professional Bodies

- Technician Arboricultural Association
- Professional Member of the Consulting Arborist Society



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