

ARBORICULTURAL METHOD STATEMENT

This Arboricultural Method Statement (AMS) has been prepared by Tyler Grange Group Ltd (TG) on behalf of Aldi Store to discharge Condition 11 of full planning permission at Land to the South of Gazelle Close, Winnersh, RG41 5HH (hereafter referred to as the 'site').

Condition 11 states that:

- a. "No development or other operation shall commence on site until an Arboricultural Method Statement and Scheme of Works which provides for the retention and protection of trees, shrubs and hedges growing on or adjacent to the site in accordance with BS5837:2012 has been submitted to and approved in writing by the local planning authority. No development or other operations shall take place except in complete accordance with the details as so-approved (hereinafter referred to as the Approved Scheme).
- b. No operations shall commence on site in connection with development hereby approved (including any tree felling, tree pruning, demolition works, soil moving, temporary access construction and or widening or any other operation involving use of motorised vehicles or construction machinery) until the tree protection works required by the Approved Scheme are in place on site.
- c. No excavations for services, storage of materials or machinery, parking of vehicles, deposit or excavation of soil or rubble, lighting of fires or disposal of liquids shall take place within an area designated as being fenced off or otherwise protected in the Approved Scheme.
- d. The fencing or other works which are part of the Approved Scheme shall not be moved or removed, temporarily or otherwise, until all works including external works have been completed and all equipment, machinery and surplus materials removed from the site, unless the prior approval in writing of the local planning authority has first been sought and obtained"

1. Copies of this AMS must be available for inspection on site and all personnel must be made aware of the key implications of this AMS during the construction phase(s) of the development. The site manager and all other personnel must be provided with this document to ensure that:

- All requirements of this Tree Protection Scheme are adhered to
- The site manager and site personnel are updated of any approved changes or variations to this document (approval for alterations must be obtained in writing from the LPA);
- Site personnel must work in accordance with this document at all times, or in accordance with any approved variation; and
- The tree protection measures are left in place until the construction phase of development is completed, except with the written consent of the LPA.

TREE REMOVAL AND PRUNING WORKS:

2. Trees to be removed will be restricted to 7 trees within Group G2 as shown on the TRRP. Pruning works is required to Group G1 as shown on the TRRP. Tree removals is denoted by a red dashed tree canopy outline and pruning works is denoted by a magenta hatch area. Trees to be removed should be clearly identified on-site (via spray marking / taping / tagging as required) by an appointed project Arboriculturist to avoid erroneous tree felling. Remaining stumps from felled trees must be carefully ground out as opposed to pulled out with a machine. This is required to avoid up-rooting and disturbance within the rooting environment of retained trees.
3. Tree removal and pruning works should be carried out prior to the installation of tree protection barriers. Tree works must be undertaken in accordance with BS5998:2010 by a competent tree contractor and should avoid the main nesting season for birds between 1st March and 31st August each year. If such timescales are unachievable, the advice of an ecologist will need to be sought to determine any further necessary protective and precautionary working measures to avoid disturbance to nesting birds and other wildlife.

TREE PROTECTION BARRIERS:

4. In order to protect the above and below ground features and characteristics of retained trees from damage during construction, tree protection fencing will be installed as illustrated by a **solid purple fenceline** and **dotted purple line**. The locations of tree protection barriers have been informed by the Root Protection Areas and canopies of retained trees and groups of trees. The **dotted purple line** identifies where tree protection barriers will need to be relocated to facilitate hard surfacing. Tree protection barriers will be fully installed before the arrival of any plant or construction activity on-site. The barriers will serve to prohibit any access into the RPAs, and unless otherwise stated in this AMS, tree protection barriers will remain in place for the duration of construction work until it is deemed completed.
5. Tree protection fencing will consist of the default specification recommended within BS5837:2012, comprising a scaffold framework, well braced to resist impacts, with vertical tubes spaced at a maximum of 3m to add further stability. Onto this, weldmesh panels will be securely fixed with wire or scaffold clamps (see extract of BS 5837 - Figure A). An alternative reduced specification will be used for low-intensity areas as shown on the TPP. This reduced specification will comprise a heros panels braces by a stabiliser strut and secured to ground with pins (see Figure B).
6. Special attention is essential in maintaining the protective barriers during the construction, ensuring that it remains rigid and complete as well as fit for the purpose intended. To avoid disturbances to the protective barriers once installed, they will be inspected frequently, including during site visits by the project Arboriculturist. Repairs shall be made immediately where required.

WORKS WITHIN THE RPAs:

7. Excavation works will be required within the RPAs of three trees within G2. A precautionary excavation works will also be required as technically the new surfacing be within the RPAs of T11, T13, T14, T18, T19 and T20. This will be carried out in accordance with the following protective measures in accordance with BS5837:2012:

- Excavation works should be carried out under direct supervision of an appropriately qualified Arboricultural Consultant.
- Excavation within the RPAs will be carried out using hand-held tools or by compressed air displacement (i.e. air-spade).
- A light weight machine will only be used where practical and at the discretion of the supervising Arboriculturist (typically for the displacement of imbedded rocks/rubble).
- Single roots smaller than 25mm will be cleanly pruned back using a suitable sharp hand tool.
- Roots found over 25mm and where occurring as clumps will not be immediately pruned back, the appointed supervising Arboriculturist will record the size and nature of the root, determine its significance to tree health, and specify proceedings accordingly.
- Exposed roots will be covered with top soil or a hessian sack to avoid root desiccation.
- Exposed roots to be retained as part of the construction will be supported by sharp sand.

8. If the build up between formation level and proposed site level encountered significant tree roots, this will be carried out in accordance with the following protective measures in accordance with BS5837:2012.

- Position of tree protection barriers and placement of ground protection should machinery be used within RPA.
- The new surface will utilise a no-dig technique as detailed below. The surface will be created using a porous material and granular wearing course/sub-base system, retained by non-invasive timber edging (see Figure C cross-section below).
- A no-dig solution using a 75mm Cellweb Tree Root Protection system will require that only turf layers and other vegetation need to be removed from the surface as the Cellweb system excavation into the soil, therefore avoiding damage to tree roots. Construction will need to be undertaken by hand and with care not to disrupt the ground condition within the RPA.
- A separation fabric, using the Treetex T-300 Geotextile (Geosynthetics Ltd), will be laid directly onto the ground as a separation and filtration layer. Treetex T-300 also acts as a pollution control layer to protect the soils beneath. Angular 40/20mm stone will then be laid as a sub-base to allow for variable levels and soil conditions within the site. The [75mm] Cellweb Tree Root Protection system will then be laid, (strictly as per the manufacturer's specification) and filled with the same stone as infill to provide a load-bearing and permeable structure suitable for pedestrian movements.

GENERAL SITE PRECAUTIONS:

9. The following points must be observed during both advanced works and the construction process:

- No fires will be lit on-site;
- Cutting down, uprooting, damaging or otherwise destroying any retained tree is prohibited;
- No access will be permitted inside RPAs (unless authorisation is obtained in writing from the LPA);
- No materials, equipment or debris will be stored within the RPA at any time;
- If during demolition or construction, there are any excessive levels of dust build-up on retained trees then trees must be hosed down immediately with a clean water supply;
- Notice boards, telephone wires or other services must not be attached to any part of retained trees; and;
- Materials which will contaminate the soil (e.g. concrete, cement, chemical toilets, diesel oil, vehicle washings etc.) must not be permitted within, or close to RPAs of retained trees. Consideration must be given to any sloping ground on-site to ensure that contamination of soil in the RPA would not occur if there were spillage, seepage or displacement elsewhere on-site. To avoid any associated damage or injury occurring to the trees as a direct result of contact with contaminants, works including cement mixing, re-fuelling and tool or machine washing will not be permitted within 20m uphill of any retained tree.

PROCEDURES FOR INCIDENTS:

10. If any breach of the approved tree protection measures occurs:

- The site manager must be informed immediately;
- The Local Planning Authority Tree officer (or other Planning Officer) must be informed, as well as the appointed project Arboriculturist at the earliest opportunity;
- Swift action must be taken to halt the breach and prevent any further breaches; and
- All preventative action and details of agreed remedial works must be recorded and reported to the LPA.

Figure A: Default specification for protective barrier

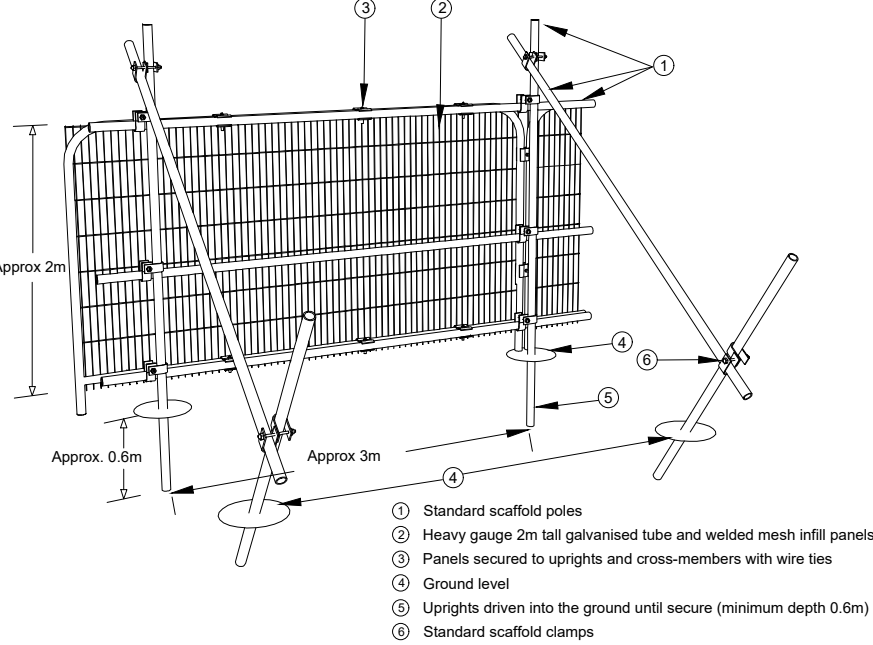


Figure B: Reduced protective barrier specification

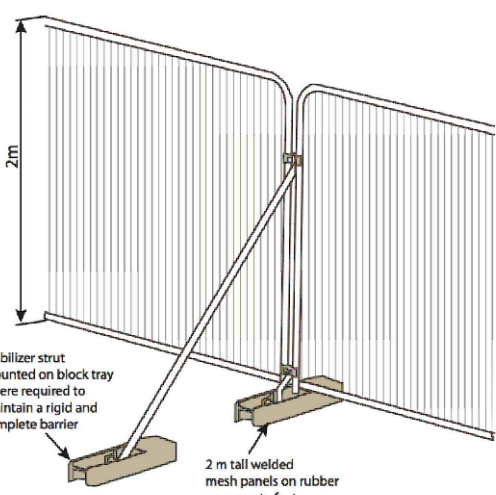
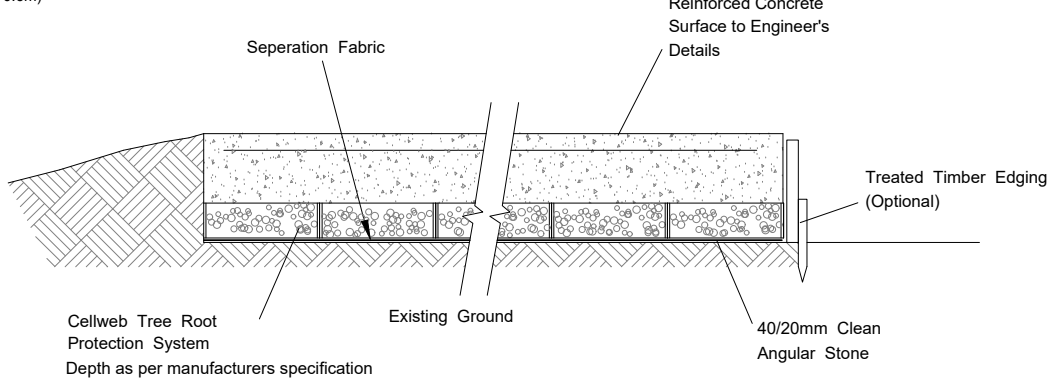


Figure C: Specification for no-dig surfacing (Geosynthetics Ltd)



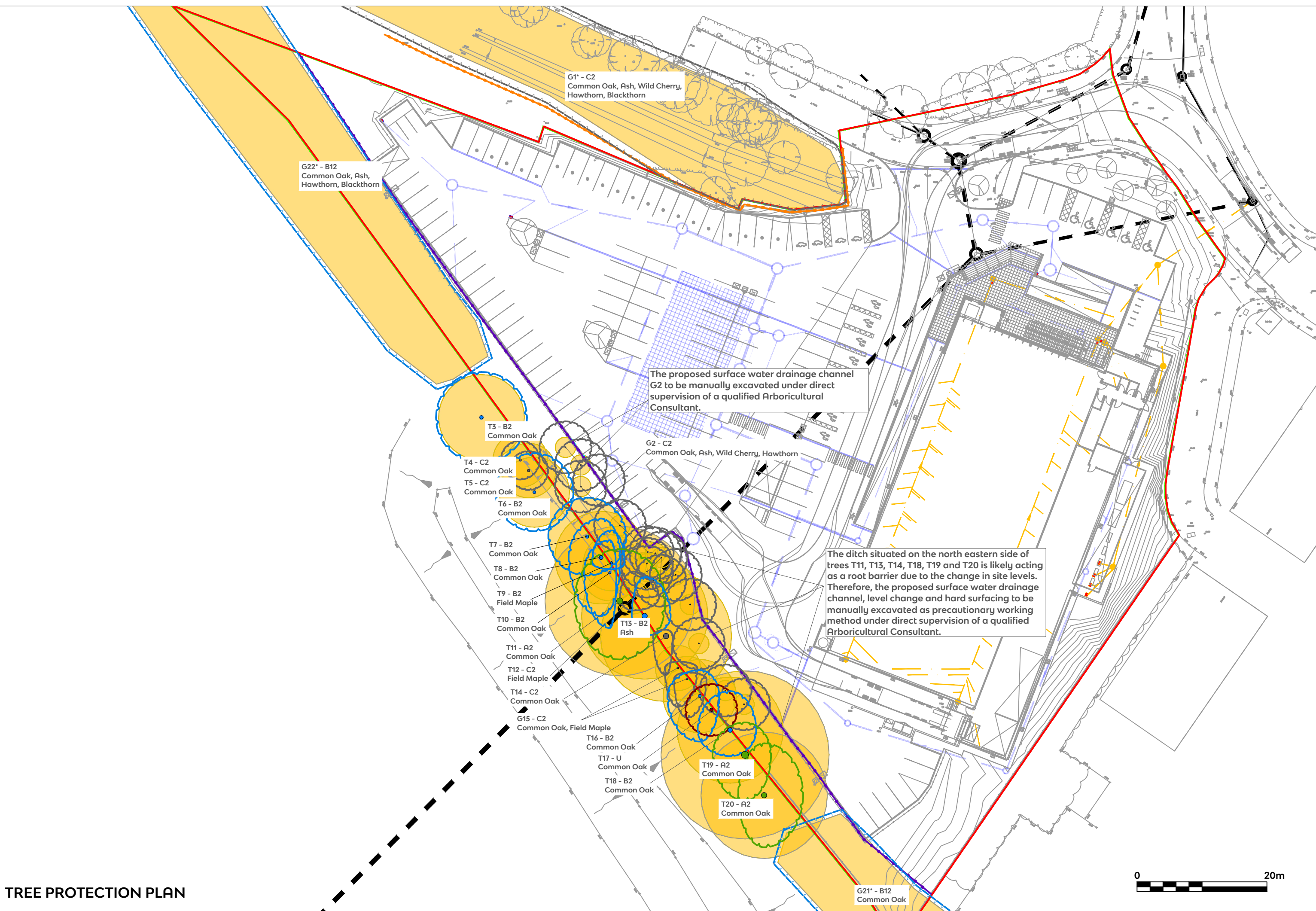
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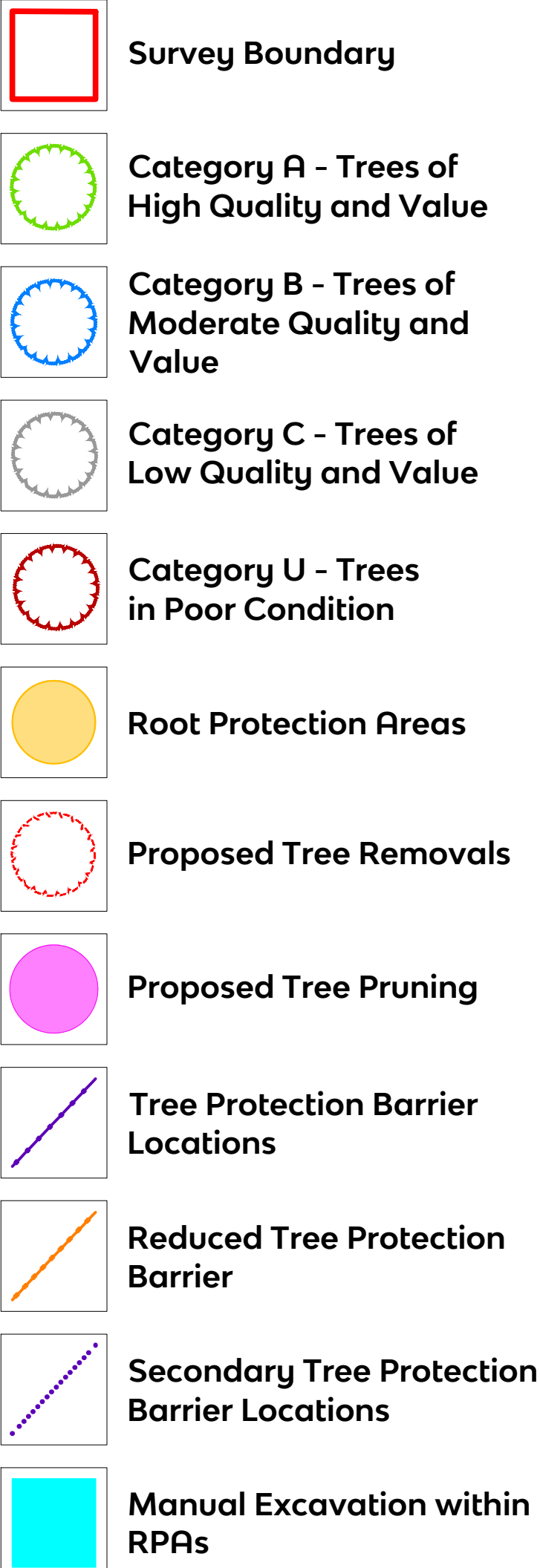
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TREE RETENTION AND REMOVAL PLAN

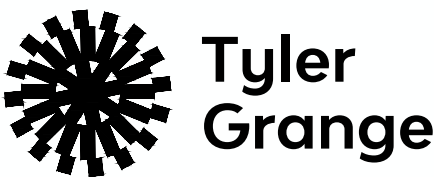


TREE PROTECTION PLAN



\*Denotes trees and groups not identified on topographical survey. Locations approximated using measurements taken on site.

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Head Office: Marsden Estate, Rendcomb, Cirencester, Gloucestershire GL7 7EX  
E:info@tylergrange.co.uk  
W: www.tylergrange.co.uk

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