

ARBORICULTURAL METHOD STATEMENT

From commencement of the development, the following methodology shall be implemented in the manner and sequence described below

SEQUENCE OF WORKS

1. Pre-commencement site meeting
2. Tree and hedge removal and pruning
3. Erection of 'phase 1 tree protection barriers'
4. Main construction phase
5. Erection of 'phase 2 tree protection barriers'
6. Construction of 'permanent hard surfacing with root protection areas'
7. Removal of 'tree protection barriers'
8. Landscaping works

1. PRE-COMMENCEMENT SITE MEETING

To outline working methods in relation to trees, a site meeting of the following shall take place prior to commencement of any demolition or construction activity:

- Client
- Structural engineer
- Main contractor
- Site agent
- Project arboriculturist

Before the site meeting, existing incoming services and drainage shall be accurately located both on site and on a copy of this drawing

2. TREE AND HEDGE REMOVAL AND PRUNING

- a. All tree and hedge removal and pruning work shall be implemented in accordance with Tree Survey Schedule CW/9507-SS7 and this drawing
- b. All reasonable care shall be taken to avoid damage to retained trees and hedges
- c. All tree stumps within any area designated as a 'tree protection area' or otherwise protected on this drawing shall be removed by mechanical stump grinder and shall not be excavated in their entirety by mechanical excavator
- d. All tree removal and pruning works shall be carried out in compliance with British Standard 3998: 2010 Tree work - Recommendations

3. ERECTION OF PHASE 1 TREE PROTECTION BARRIERS

- a. The main contractor shall erect 'phase 1 tree protection barriers' as detailed on this drawing
- b. The 'project arboriculturist' shall inspect installation of the 'tree protection barriers' prior to commencement of any construction works, site preparation, excavation or delivery of plant and materials

4. MAIN CONSTRUCTION PHASE

- a. There shall be no storage of construction equipment, plant or materials within any area designated as a 'tree protection area' or otherwise protected on this drawing
- b. No fires shall be lit within 20m of any retained tree or hedge
- c. The site agent shall supervise all deliveries by self-loading crane, with vehicles positioned in such a manner that retained trees and hedges are not at undue risk of damage
- d. There shall be no excavation within 300mm of a 'tree protection barrier'
- e. There shall be no new excavation for the installation, renewal or repair of underground services within any area designated as a 'tree protection areas' or otherwise protected on this drawing
- f. Existing hard surfacing or hard landscaping to be removed within areas designated as 'tree protection areas' or otherwise protected on this drawing shall be broken out and removed by hand, using hand tools, under the supervision of the 'project arboriculturist'
- g. Any excavation for the installation, renewal or repair of underground services, within any area designated as a 'tree protection areas' or otherwise protected on this drawing, shall be carried out in accordance with the guidance set out in National Joint Utilities Group Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees (Volume 4 2007)
- h. The integrity of the 'tree protection barriers' shall be maintained for the duration of the main construction phase
- i. Any damage occurring to 'tree protection barriers' during the main construction phase shall be reported to the project arboriculturist and immediately made good by the main contractor
- j. Site drainage and washings from concrete and mortar mixings shall be directed away from all 'tree protection areas'
- k. The 'project arboriculturist' shall visit the site monthly to assess the integrity of the tree protection
- l. The 'project arboriculturist' shall complete a report to be sent to the site owner and main contractor following each visit. In this regard, the site owner will instruct the 'project arboriculturist' prior to any works commencing on site

5. ERECTION OF PHASE 2 TREE PROTECTION BARRIERS

- a. Upon completion of the main construction phase the area of 'phase 1 tree protection barriers' between points identified as 'A' and 'B' on this drawing shall be removed, and immediately after the main contractor shall erect the area of 'phase 2 tree protection barriers' between points identified as 'A' and 'B' on this drawing

6. CONSTRUCTION OF 'PERMANENT HARD SURFACING WITHIN ROOT PROTECTION AREAS'

- a. The areas of new hard surfacing identified by blue cross-hatching on this drawing shall be constructed over the existing ground without excavation other than the removal, by hand, using hand tools, under the supervision of the 'project arboriculturist' of either (i) surface vegetation and minor (<100mm high) surface irregularities or loose soil to a depth of not more than 100mm or (ii) existing hardstanding and sub-base aggregate layer, without excavation of the underlying soils. Any excavation of ground within the blue cross-hatched areas shall be carried out in accordance with section 7.2 of British Standard 58378:2012 Trees in relation to design, demolition and construction - Recommendations
- b. The new surfacing in the blue cross-hatched areas shall be constructed using the 'Cellweb' 3-dimensional cellular confinement system (or equivalent)
- c. All aggregates used in the construction shall be crushed gritstone or sandstone. **Limestone shall not be used**
- d. The wearing surface shall be of a material agreed with the Local Planning Authority
- e. The construction shall be to an engineer designed specification and method statement agreed with the Local Planning Authority, and in compliance with section 7.4 of British Standard 58378:2012 Trees in relation to design, demolition and construction - Recommendations. The specification shall include details of existing and proposed ground levels, depth of construction and final surface levels
- f. Edge restraints shall be constructed from pressure treated timber boards secured to timber posts, or other means to be agreed with the Local Planning Authority. In the installation of edge restraints, there shall be no excavation of ground other than as described at a. above.
- g. Final surface levels adjacent to the 'no-dig' sections of hard surfacing shall be dictated by final surface levels of the 'no-dig' section, and not vice-versa

7. REMOVAL OF TREE PROTECTION BARRIERS

'Tree protection barriers' shall be removed only on completion of construction works and in compliance with all relevant planning conditions

8. LANDSCAPING WORKS INCLUDING CONSTRUCTION OF WALLS AND FENCES

- a. Landscaping works shall be implemented in accordance with a scheme approved by the Local Planning Authority
- b. Sections of new fence that extend into the 'root protection area' of any retained tree will be constructed during the landscaping works
- c. The alignment of the sections of fence that extend into the 'root protection area' of any retained tree shall be marked out on the ground by the 'project arboriculturist'. New fences shall be located so as to avoid unnecessary removal of trees and minimize pruning of trees and excavation of ground within 'root protection areas'
- d. Any pruning needed to accommodate new fences shall be the minimum required to install the new fences and shall be carried out in accordance with British Standard 3998:2010 Tree work - Recommendations
- e. In the installation of the new fences there shall be no raising or lowering of existing ground other than to accommodate post-holes and foundations
- f. Post-holes and foundations shall be excavated by hand, using hand tools and under the supervision of the 'project arboriculturist'. All roots greater than 25mm diameter shall be retained with post-holes or foundations re-located if roots greater than 25mm diameter are encountered. Clumps of smaller roots (including fibrous roots) shall also be retained and worked around
- g. No fixing shall be made to any retained tree

TREE PROTECTION SPECIFICATION

Tree Protection Areas shall:-

1. Be secured prior to commencement of any construction works, delivery of site accommodation or materials and shall remain intact for the duration of the construction works
2. Preclude all construction activity with the exception of specified arboricultural works and such works as have been agreed by all parties and to be carried out under supervision
3. Be protected by 'tree protection barriers' and other measures as specified on this drawing
4. Preclude the storage or tipping of all materials and substances. Toxic substances such as fuels, oils, additives and cement shall not be stored within 5m of any area designated as a 'tree protection area' or otherwise protected on this drawing
5. Any incursion into 'tree protection areas' must be by prior arrangement, following consultation with the Local Planning Authority

Tree Protection Barriers

1. The 'tree protection barriers' shall comprise 2m high weldmesh 'Heras' type fencing
2. The fencing panels shall butt together and be securely fixed to a timber framework comprising 2.7m x 100mm x 100mm timber posts, set or concreted into 600mm deep, 150mm diameter augured holes at 3.5m centres
3. No fixing shall be made to any tree and all reasonable care shall be taken to avoid damage to tree roots when locating posts
4. An A3 warning sign reading as per figure 1 shall be fixed to every 10m of 'tree protection barrier'
5. The 'project arboriculturist' shall direct erection of the 'tree protection barriers'

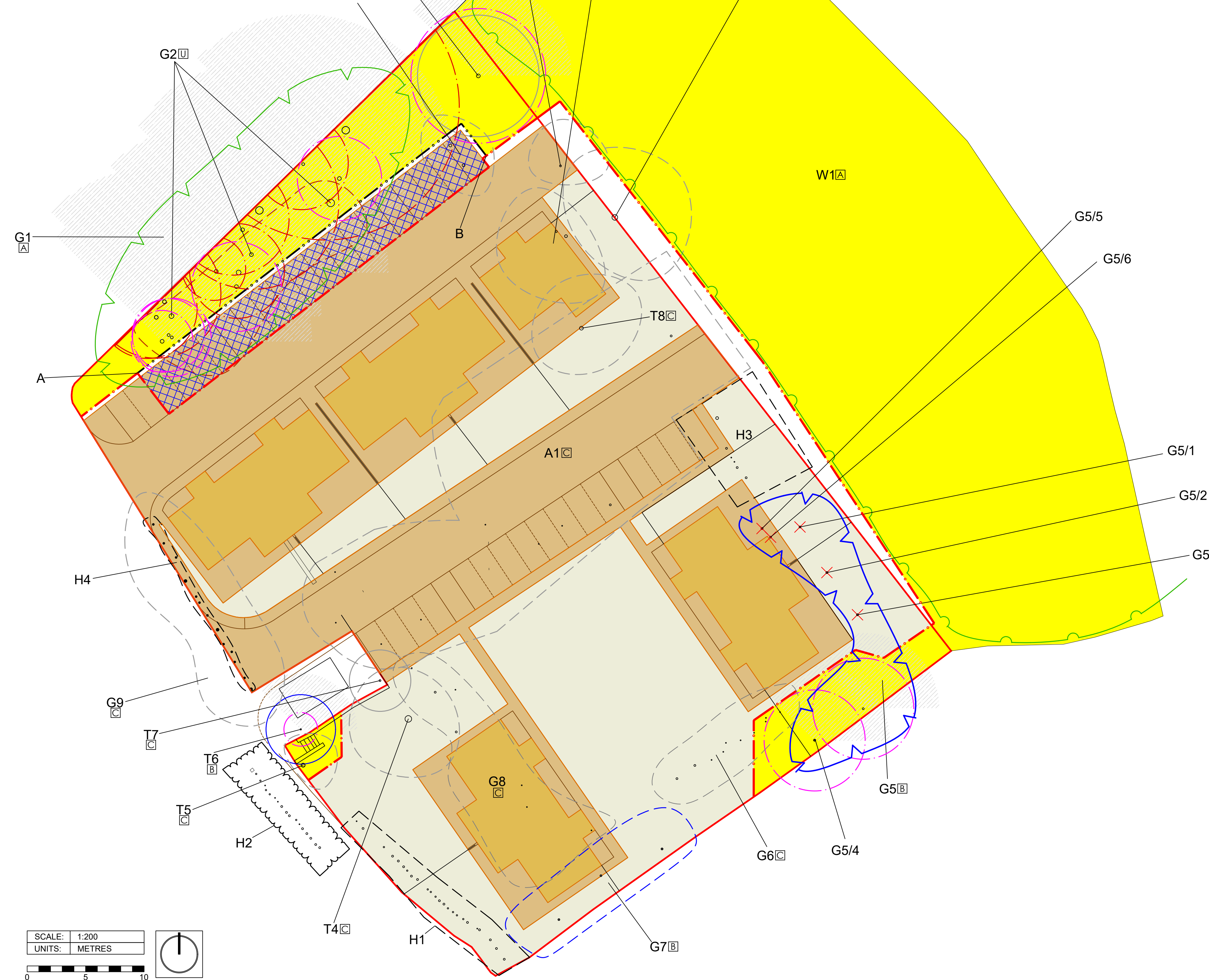


Fig.1

TREE PROTECTION AREA
KEEP OUT!

ALL TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS (TOWN AND COUNTRY PLANNING ACT 1990) AND ARE IN A CONSERVATION AREA AND ARE PROTECTED BY A TREE PRESERVATION ORDER
CONTRAVENTION OF TREE PRESERVATION ORDER/CONSERVATION AREA CONTROLS MAY LEAD TO CRIMINAL PROSECUTION

THE FOLLOWING MUST BE OBSERVED BY ALL PERSONNEL:

- THE TREE PROTECTION BARRIERS MUST NOT BE MOVED
- NO PERSON SHALL ENTER THE TREE PROTECTION AREA
- NO MACHINE OR PLANT SHALL ENTER THE TREE PROTECTION AREA
- NO MATERIAL SHALL BE STORED IN THE TREE PROTECTION AREA
- NO SPOIL SHALL BE DEPOSITED IN THE TREE PROTECTION AREA
- NO EXCAVATION SHALL OCCUR IN THE TREE PROTECTION AREA

ANY INCURSION INTO THE TREE PROTECTION AREA MUST BE WITH THE PRIOR WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

TREE PROTECTION PLAN

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JOB REF CW/9507-P-TP1

DATE 26 MARCH 2025

SCALE 1:200 at A1

- INDIVIDUAL TREE TO BE RETAINED
- GROUP OF TREES TO BE RETAINED
- WOODLAND TO BE RETAINED
- HEDGE TO BE RETAINED
- STEM POSITION APPROXIMATED
- TREE, GROUP, AREA, SHRUBS OR HEDGE TO BE REMOVED
- TREE TO BE REMOVED FROM A GROUP
- BS 5837 RETENTION VALUE
- PROPOSED BUILDINGS
- PROPOSED HARD SURFACES
- PROPOSED SOFT LANDSCAPING
- APPLICATION SITE BOUNDARY
- BS5837 ROOT PROTECTION AREA RADIUS
- BS5837 MODIFIED ROOT PROTECTION AREA
- BS5837 SHADOW PATTERN
- BS5837 CATEGORY 'A' TREES
- BS5837 CATEGORY 'B' TREES
- BS5837 CATEGORY 'C' TREES
- BS5837 CATEGORY 'U' TREES
- PHASE 1 TREE PROTECTION BARRIER (BS5837)
- PHASE 2 TREE PROTECTION BARRIER (BS5837)
- PERMANENT HARD SURFACING WITHIN ROOT PROTECTION AREAS