

NOTES
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General
This illustrative plan is intended to inform the location of protective barriers, other relevant physical protection and highlight precautionary areas for retained trees prior to site enablement and excavation.

Excavation and Installation has potential to have an adverse impact on trees located within the site (T9 - T10). Any discrepancies must be reported to tree:fabrik immediately.

Site Boundary
Indicative site boundary

Tree Constraints
U Category tree, A Category tree, Crown spread, B Category tree, C Category tree, Preliminary root protection area

Statutory Designations (trees)
The site lies within the Bloomsbury Conservation Area. As such, six weeks prior notice must be given to Camden Council in writing prior to carrying out tree works.

Arboricultural Method Statement
The primary purpose of this plan is to aid the preservation of retained trees through setting out the appropriate working practices, demolition techniques and tree protection measures that are to be adopted when excavation works are undertaken

This plan should be incorporated into subsequent drawings and method statements used for design purposes or issued for use on site, to ensure that all parties are fully aware of the areas to be protected and may not take place.

Site Traffic
Access prohibited following installation of Protective barriers (Pedestrian access only)

Site Set-Up
Responsibilities of key personnel & site induction - Equally as important as the physical measures of tree protection are the links of communication.

Site Manager - It is the responsibility of the Site Manager to ensure that details of this Arboricultural Method Statement is implemented on site, maintained during the complete process and understood by all site personnel and contractors prior to commencement of works.

Site Personnel - Information on the required protection measures will be provided at the site induction to personnel. All damage to protective barriers or accidental damage to trees must be reported to the Site Manager immediately.

Project Arboriculturist - It is the responsibility of the Project Arboriculturist to liaise with the Client and Council representative to ensure appropriate tree protection and precautionary measures are designed and implemented prior to commencement of works.

Unscheduled works - The Site Manager will notify the appointed Project Arboriculturist of any unscheduled works within the RPA or construction zone.

Breaches of tree protection & unforeseen events - All damage to protective barriers or accidental damage to trees must be reported to the Site Manager immediately.

Storage and delivery of materials - During site enablement and installation of tree protection fencing within the site, all delivery vehicles will unload in the designated area and materials carefully stored outside the tree protection barriers.

Pre-commencement meeting - A pre-commencement meeting shall be held on site prior to commencement of enabling or excavation works. This shall be attended by the Client's Representative, Excavation Contractor, Installation Contractor and Project Arboriculturist.

In brief, the work stages for the site enablement and demolition phase will be as follows:

- Stage 1 Pre-commencement meeting to identify tree removal and facilitative pruning works.
Stage 2 Execute agreed felling facilitative pruning works
Stage 3 Installation of tree protection and protective mesh
Stage 4 Demolition of structures within RPA
Stage 5 Airspade excavation of proposed route of services and installation of drainage provision
Stage 6 Reinstatement of excavated soil into trench
Stage 7 On completion, Site Manager to review tree protection

Tree Roots - The majority of tree roots are typically concentrated within the top 600mm of soil. Repeat tracking by vehicles, excavation or cement (including washings and crush) over soft ground near trees is likely to cause root damage.

Tree Protection Barriers - A scheme for the protection of trees shall be implemented to avoid damage or loss of retained trees. All barriers are to be erected prior to commencement of any work on site, including site enablement and excavation, or the delivery of machinery, materials, plant or equipment to the site or any adjacent land thereto.

Type 1 Barriers - shall consist of a scaffold framework comprising of a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum of 5m and driven into the ground.

Tree Protection Plywood Boxing - Barriers must be fit for purpose and should consist of marine grade sheet ply forming a free standing box excluding the trunk from accidental damage.

Demolition of Structures - All plant and vehicles engaged in demolition work must operate outside of the RPA or within an area of the existing foundation slab.

Removal of the foundation base must be carefully carried out in order not to disturb tree roots that may be present directly below them.

Demolition of structures outside RPA
Ground protection will be required within the RPAs of trees BS: 5837:2012 states that where construction working space or temporary construction access is justified within the RPA, this should be facilitated by:

- The retention of areas of suitable existing hard surfacing that is not proposed for re-use as part of the finished design, to act as temporary ground protection during construction
The use of new temporary ground protection, where the set-back of the tree protection barrier would expose unmade ground to construction damage, as part of the implementation of physical tree protection measures prior to work starting on site.

New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil. In all cases, the objective should be to avoid compaction of the soil, which can arise from the single passage of a heavy vehicle, especially in wet conditions, so that tree root functions remain unimpaired.

Arboricultural supervision of service trench excavation. Any work within RPAs requires a high level of care. Qualified arboricultural supervision will be present to minimise the risk of misinterpretation and misinterpretation.

Air spade excavation of proposed service trench. Specialist tools for removing soil around roots using compressed air will be employed as an appropriate alternative to hand digging.

Exposed roots to be removed (if required) will be cut cleanly with a sharp saw or secateurs 10-20cm behind the final face of the excavation.

Arboricultural Monitoring & Recording
All works within the Root Protection Area (RPA) and close to the crown extents of retained trees will be carried out under an Arboricultural Watching Brief by the Project Arboriculturist.

It is the responsibility of the Client to appoint a Project Arboriculturist and agree the level of monitoring and recording prior to commencement. The frequency of site visits will be determined by the scope of works and complexities of development prior to commencement of key work stages.

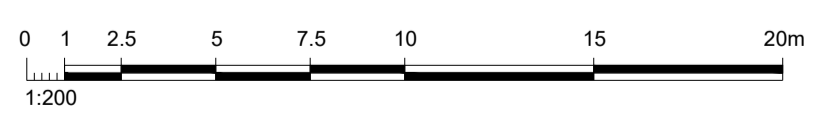
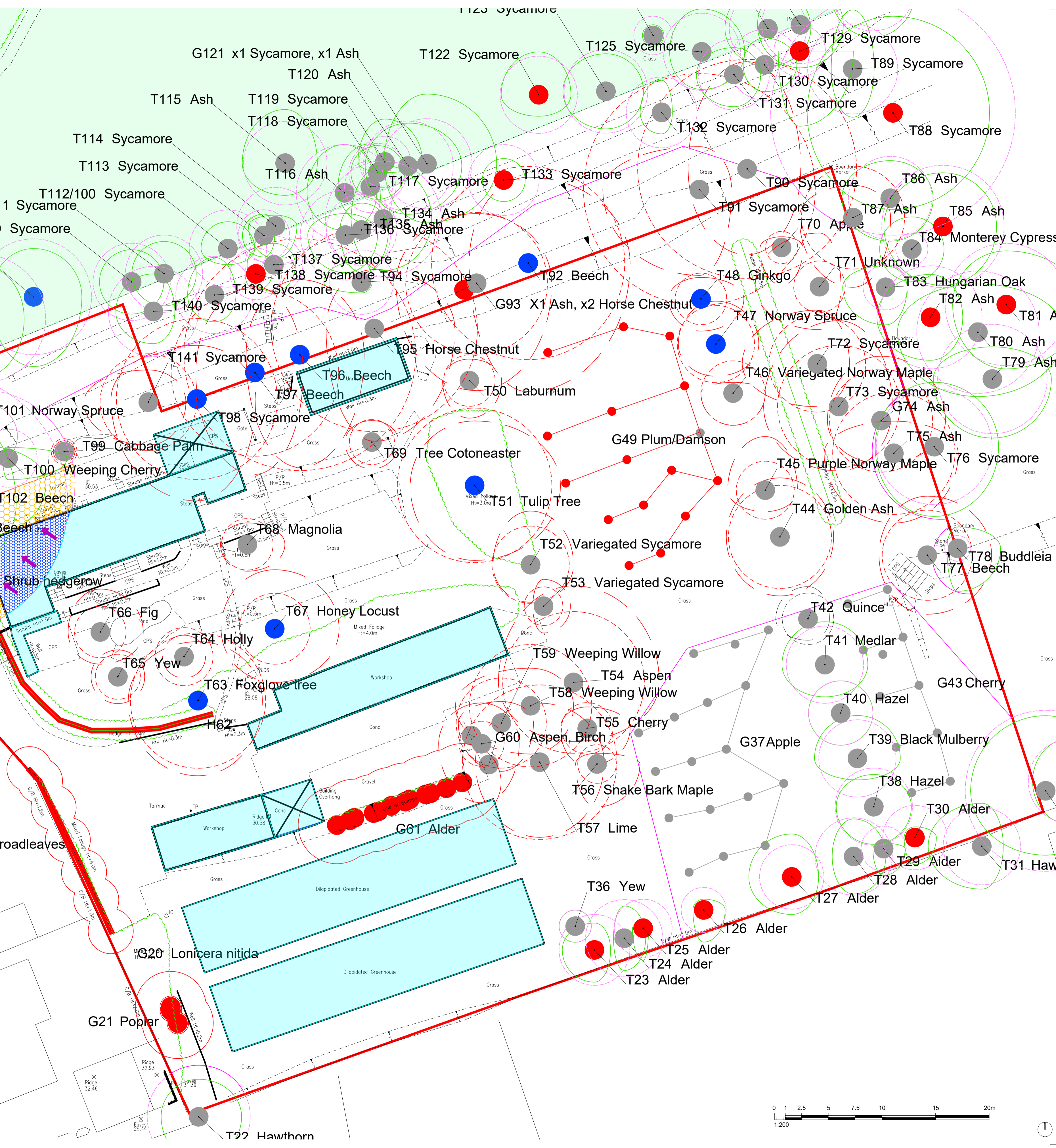
It is the responsibility of the demolition contractor to inform the Client's Representative of works within the RPA at least 72hrs prior to commencement.

TABLE 1 - ARBORICULTURAL MONITORING AND RECORDING
Table with 4 columns: Work Stage, Scope, Site Inspection, Site Monitoring

Tree Protection Barriers - Following dismantling of scaffold - inspect tree protection identifying any outstanding works or action required. On completion of any outstanding actions sign off on completion. Report breaches to Site Manager for action.

Tree Protection Signage - A scheme for the protection of trees shall be implemented to avoid damage or loss of retained trees. All barriers are to be erected prior to commencement of any work on site, including site enablement and excavation, or the delivery of machinery, materials, plant or equipment to the site or any adjacent land thereto.

Any damage to protective barriers or accidental damage to trees must be reported to the Site Manager immediately. Works occurring within the vicinity will cease immediately until adequate tree protection measures are rectified.



tree:fabrik arboriculture
First Floor Studio | The Old School | 4 Eton Street | London | SE1 1UE
Client: Greenplan Designer Homes

Project: Castleme, Kingston
Drawing Title: Arboricultural Method Statement and Tree Protection Plan (Demolition) 1 of 2
Drawn By: rd
Checked By: rd
Date of First Issue: PRELIMINARY 1:200 @ A1 Aug | 2023

Revision table with columns: Revision Number, Origin, Author, Level, File Type, Date, Number, Revision

External References table with columns: Reference, Date

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