Residential layout shown for illustrative purposes only

Hard Surfacing Within the Root Protection Area

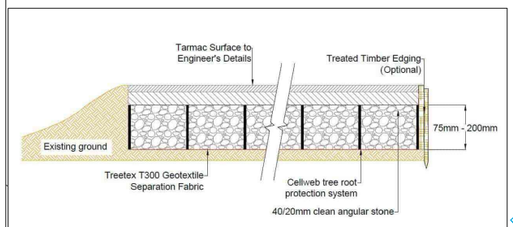
All new hard surfacing within the root protection area (RPA) is to be constructed using a three-dimensional cellular confinement system (for example Cellweb TRP), incorporating geotextile or impermeable barriers as appropriate and installed using a 'no-dig' technique, as detailed in BS837:2012 Section 7.4.

For areas of new hard surfacing, the design will not permit excavation into the soil other that the removal, using hand tools, of any turf layer or other surface vegetation.

The removal of any existing hard surfaces will be carried out with care, using hand tools as much as possible. Where this is not practicable, a small excavator will used to remove the top surface, working backwards from the existing tarmac in order that no vehicles drive on the underlying soil, once exposed.

For new hard surfaces, the underlying soil structure will be protected from compaction during construction by a combination of appropriate temporary ground protection and by 'rolling out' the new surface by working forward from the surface as it is constructed.

The structure of the hard surface will be designed to avoid localised compaction and in all cases, a structural engineer should confirm that the design is suitable for the anticipated vehicle loads it will be subjected to. The finished tarmac surface will be permeable and able to resist deformation by tree roots.



T42-B2
G13-B2
Removal of tree T43 anticipated due to impact within the RPA.
Drain
T44-A3
G14-B2
13.3m
Small area of 'no-dig' cellular confinement system recommended for new gravel area within the edge of G14 RPA.
Allotment area. Minor incursion to G14 edge trees.
U7/8 football pitch
U11/12 football pitch
U7/8 football pitch
U7/8 football pitch
U9/10 football pitch
Junior 8 a-side cricket pitch
U9/10 football pitch
Protection fencing along ditch edge
G15-C2
Drain
Drain
Protection fencing along ditch edge
G16-C2
Protection fencing along ditch edge
T45-B2
T47-B2
T48-C2
T49-C2
T50-B2
T51-B2
T53-C2
T52-B2
T54-B2
T55-B2
T56-B2
G17-C2
A 14
A 14
A 14
ETL
A 141
Drain
G1-B2
T57-B2
Brook Field Farm Cottages
Drain

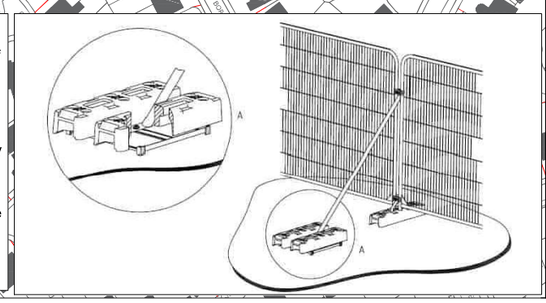
Note: The following trees were not plotted on the provided topographical survey: T42, T43, T445-T54, and all groups.
The positions for these trees as shown on this plan are therefore indicative only and should be confirmed on site if accurate locations are required.

Tree Protection Fencing

Tree protection fencing is to be installed at the positions shown at the commencement of works, before any ground works or soil stripping are carried out and before vehicles or materials are brought onto site.

The fencing will consist of a robust framework which is well braced to resist impacts as shown. The areas enclosed are to be maintained as a total exclusion zone to all construction activity. All-weather warning notices will be attached to the fencing to clearly identify the area as a tree protection exclusion zone into which access is not permitted.

No working activity, storage of materials, ground level changes, excavations or vehicular access is permitted within the protected area. Once erected, the protected area are to be regarded as sacrosanct and the fencing must not be removed or altered unless recommended by the project Arboriculturist and, where necessary, approval from the local planning authority.



LEGEND:

- TX-A — Category A - Trees of High Quality
- TX-B — Category B - Trees of Moderate Quality
- TX-C — Category C - Trees of Low Quality
- TX-U — Trees Proposed for Removal
- Tree Trunk
- Tree Canopy Spread
- Tree Protection Fencing
- 'No-dig' / 3D cellular confinement system to be used for new hardstanding.

RammSanderson ARBORICULTURE

Client :
Bloor Homes

Project:
Ermine Street, Huntington

Drawing Title :
Tree Protection Plan

Drg No. RSE_8095_TPP3
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Drn By : AL
Scale : 1:1000@A1
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