

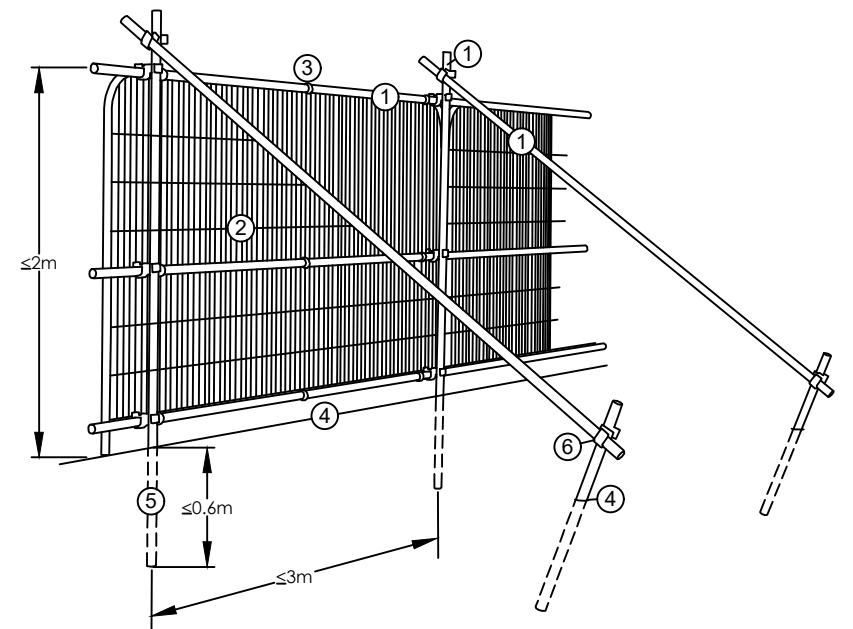
TREE PROTECTION NOTES:
'Trees in relation to design demolition and construction' BS5837:2012
1.0 PRIOR TO COMMENCEMENT OF WORKS:

1.1 PRIOR TO COMMENCEMENT: all trees that are being retained onsite shall be protected by barriers and / or ground protection before any materials or machinery are brought onto the site, and before any demolition, development or stripping of soil commences. The 'Root Protection Area' (RPA) associated with existing trees designated for retention shall be protected from damage by erection of scaffold framework barriers in accordance BS 5837:2012 Figure 2 including where specified appropriate ground protection.

1.2 EXTENT OF ROOT PROTECTION AREA (RPA): as shown on the Tree Protection Plan (TPP) the RPA is generally to be in accordance with Annex D, Table D.1 'Root Protection Area' - as an area equivalent to a circle radius 12 times the stem diameter (single stem trees) or based on the combined stem diameter for multistem trees (trees with more than one stem arising below 1.5m above ground level) refer to Clause 4.6.

1.3 TREE PROTECTION BARRIER: a vertical and horizontal scaffold framework, well braced to resist impacts as illustrated below (refer to Figure 2 of BS5837:2012). The vertical tubes should be spaced at a maximum interval of 3 metres and driven securely into the ground. Care should be taken to avoid underground services and contact with structural roots. In the presence of underground services, retained hard surfacing an alternative specification as illustrated in Figure 3 of BS5837:2012 is to be used.

All weather site notices should be attached to the barrier with words such as 'CONSTRUCTION EXCLUSION ZONE - NO ACCESS'. Once installed barriers and ground protection shall not be removed or altered without prior approval of the project arboriculturalist and where necessary approval from the local planning authority.



1. Standard scaffold poles
2. Heavy gauge 2m tall galvanised tube and weld mesh infill panels
3. Panels secured to uprights and cross members with wire ties
4. Ground Level
5. Uprights driven into ground until secure (minimum depth 0.6m)
6. Standard scaffold clamps

2.0 ADDITIONAL PRECAUTIONS:

2.1 Planning of site operations should take sufficient account of wide or tall loads, or plant with booms, jibs or counterweights (including drilling & piling rigs) in order that they can operate without coming into contact with retained tree. The transit or traverse of plant in proximity to trees shall be conducted under supervision of a banksman to ensure adequate clearance from trees is maintained at all times.

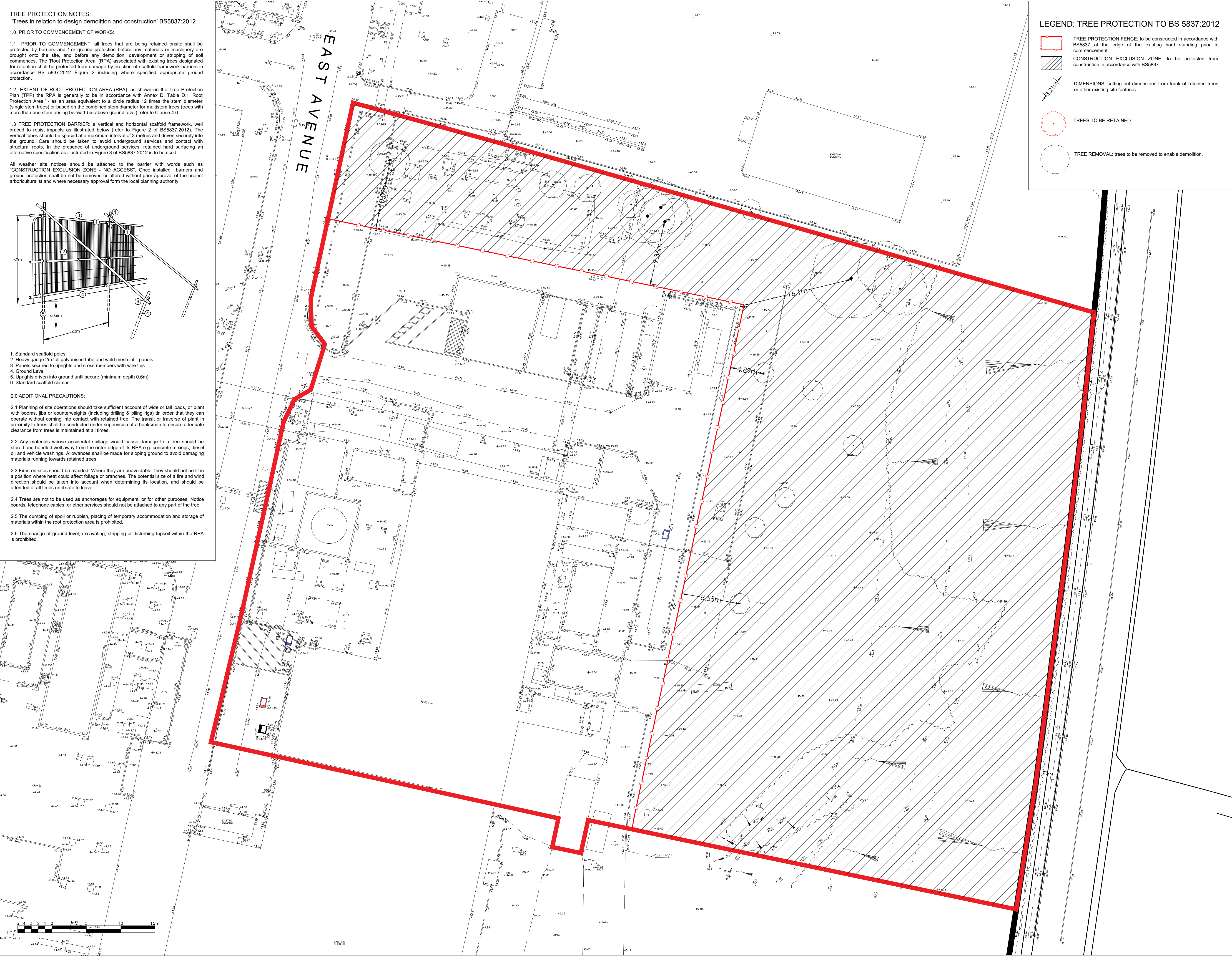
2.2 Any materials whose accidental spillage would cause damage to a tree should be stored and handled well away from the outer edge of its RPA e.g. concrete mixings, diesel oil and vehicle washings. Allowances shall be made for sloping ground to avoid damaging materials running towards retained trees.

2.3 Fires on sites should be avoided. Where they are unavoidable, they should not be lit in a position where heat could affect foliage or branches. The potential size of a fire and wind direction should be taken into account when determining its location, and should be attended at all times until safe to leave.

2.4 Trees are not to be used as anchorages for equipment, or for other purposes. Notice boards, telephone cables, or other services should not be attached to any part of the tree.

2.5 The dumping of spoil or rubbish, placing of temporary accommodation and storage of materials within the root protection area is prohibited.

2.6 The change of ground level, excavating, stripping or disturbing topsoil within the RPA is prohibited.



LEGEND: TREE PROTECTION TO BS 5837:2012

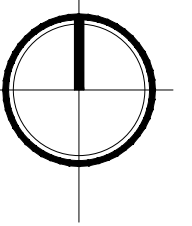
- TREE PROTECTION FENCE: to be constructed in accordance with BS5837 at the edge of the existing hard standing prior to commencement.
- CONSTRUCTION EXCLUSION ZONE: to be protected from construction in accordance with BS5837.
- DIMENSIONS: setting out dimensions from trunk of retained trees or other existing site features.
- TREES TO BE RETAINED
- TREE REMOVAL: trees to be removed to enable demolition.

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landscape design ltd

client:
SEYBOURNE

project:
SITE 4,
IBP KNOWSLEY

title:
DEMOLITION TREE PROTECTION
PLAN

status:
PLANNING

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Beo Landscape Design Ltd
132A 'The Westlands', Compton Road,
Wolverhampton, WV3 9GB
T: 01902 424 950 / 01902 425 001
E: info@beolandscapedesign.co.uk
W: www.beolandscapedesign.co.uk

