

Method Statement.

Demolition of the existing house and construction of a new house at 38 Linksway, Northwood (reference 111.09)

Architect Graham Seabrook Partnership

Arboriculturalist and Landscape Architect- Elizabeth Greenwood (details as above)

Council.- Three Rivers Council

1. Tree works

As part of the application for planning permission the following tree surgery is outlined. All works will be carried out by a competent tree surgeon in accordance with BS3889:1989 Tree Work . The timing of tree surgery should also be carried out in accordance with the Wildlife and Countryside Act and in view of the nesting season of birds within the garden.

Tree no	Species	Management recommendations
T3 and T4	Purple leaved plum	Remove
T7	Purple leaved plum	Remove
T35	Holly	Remove
Dead tree and T29	Dead tree and cherry	Remove
T34	Oak	Face back from building work and crown lift as required to avoid damage during construction works.

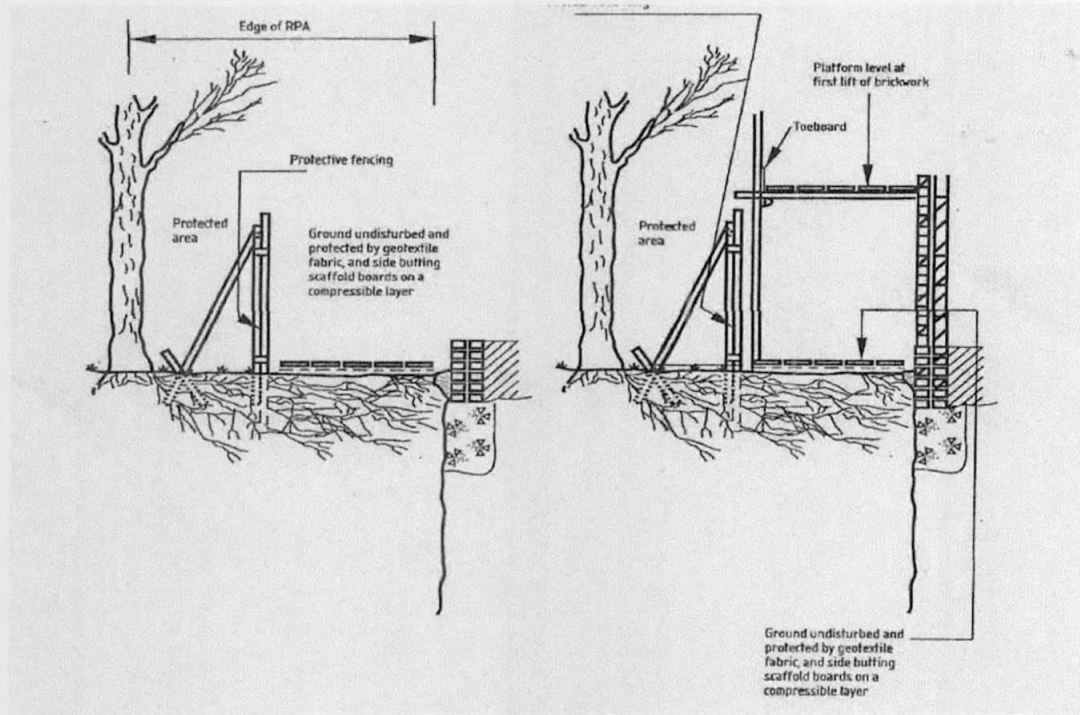
2. Tree protection area

The tree protection area has been marked on plan (111.08.1), The tree protection areas (RPA) of each tree has been calculated using the BS5837: 2005 formula based on the girth of the tree at 1.5 metre x 12, or for multi-stemmed tree, the base measurement x 10. On plan the RPA is marked as a circle.

27 APR 2018

3. Setting out, site compound storage of materials.

The site can be set out by the contractor in accordance with plan 111.09.2 Tree Protection Plan from measurements as outlined on the plan. Siting of any site accommodation and storage of materials will be set out with agreement by the arboriculturalist outside the root protection zone of any of the trees.



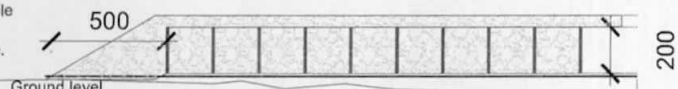
Above Copy of Figure 3, BS5387:2005 ground protection within the Root protection

4. Working Space within the Root protection areas of trees-

Where working space is required for construction ground protection has been marked on the Tree protection Plan (111.09.2). There are two options for ground protection
Options 1, as outlined in the above figure 3, with scaffolding boards supported on scaffolding- used to protect the oak (T34) to the north of the new house
Option 2 - As outlined on drawing below:-

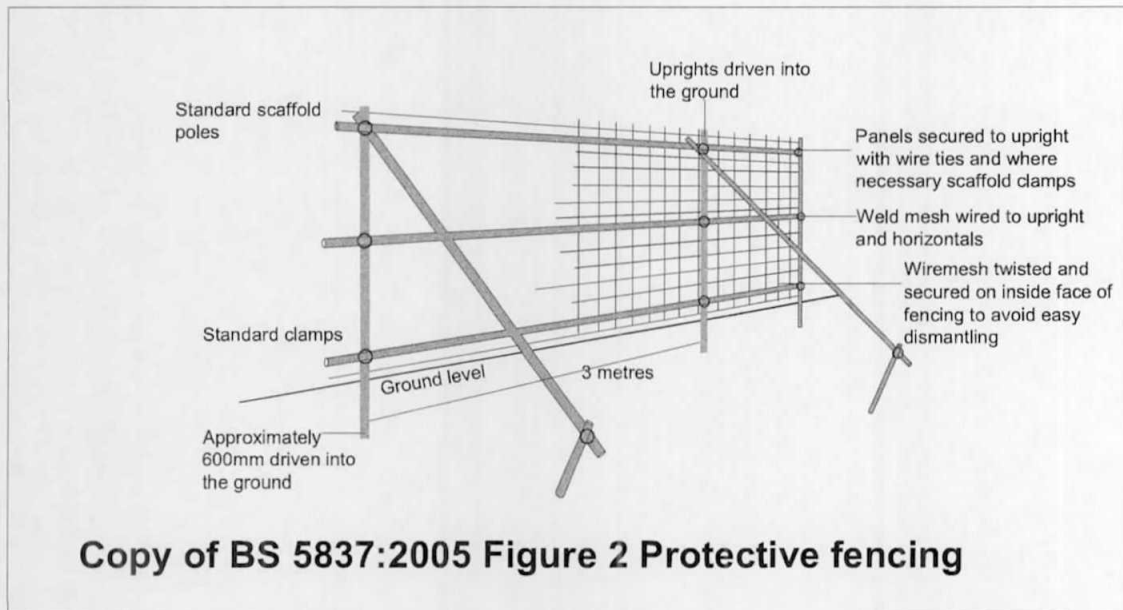
Indicative access for construction works within the root protection area of trees

Construction details as outlined by 'Geosynthetics'
Remove turf by hand (50mm depth maximum)
Infill irregularities with 500mm sharp sand, Lay fibretex FEM geotextile
Lay 200mm geogrid Infill with No fines 20-40mm stone, and lay an additional 50mm depth of stone to act as wearing surface.
Allow stone to bank side of geo-web, with no edge restrainers.



5. Protective fencing/Protective barrier.

Details of the location of fencing is marked on the above plan, and complies with British standard recommendations

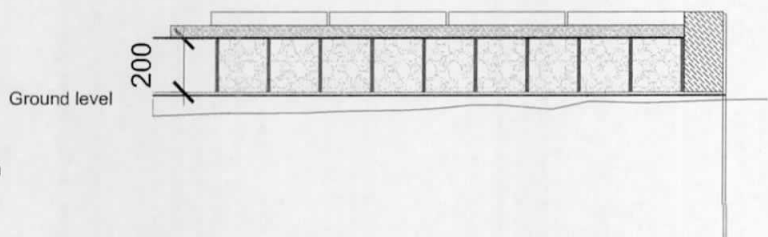


6. Specification for surface changes

There are some changes of materials or levels within the root protection areas of trees. This includes the terrace construction to the west of the new house. Use of geo grid or geo textile with an infill will be of permeable no fines gravel or sand based soils to enable gaseous exchange of the underlying rooting areas.

Indicative Terrace detail

Remove turf by hand (50mm depth maximum)
 Infill irregularities with 50mm sharp sand,
 Lay heavy duty fibre geotextile (e.g. fibretex FEM)
 lay 200mm geoweb. Infill with no fines 20-40mm stone,
 Lay wearing course e.g paving laid on 50mm sand with
 additional layer of fibre geotextile (e.g.terran) to keep
 layers seperate. Edge with timber edging (e.g. railway
 sleepers) and fix with metal pins. Set edging 50mm from
 the edge of the terrace.



7. Specification for level changes

There will be a change of level within the root protection area of the oak (T34), but this will be designed to be less than 20% of the total rooting areas with specific construction details as outlined above in section 6.

8. Foundations

Pile and beam foundations could be used for new houses. Construction works will be carried out within the building. There will be restricted access along the northern side of the block, with ground protection options in accordance with item 4.

9. Location of bonfires, chemicals

There will not be any bonfires within the vicinity of the drive. Storage of materials will be located outside the root protection zone of any of the trees within the grounds.

10. Contingency Plans (chemical spillage, collision, emergency access to the TPA)

If vehicular access is necessary within the root protection zone of any of the trees, the ground will be protected by geo-textile or boarding as outlined in the British standard. Details are shown on plan. If scaffolding or pedestrian access is required within the root protection area the ground will be protected as outlined below.

11. Post construction landscaping near trees.

On completion of works, temporary working space ground protected will be removed and ground compaction will be addressed by lightly forking over the area or if instructed by arboriculturalist by terravent. Planting will be carried out in with replacement trees and shrubs as indicated on the tree protection plan (111.09.2)

Elizabeth Greenwood
July 2009