

Tree Categories and Root Protection Areas (RPAs)

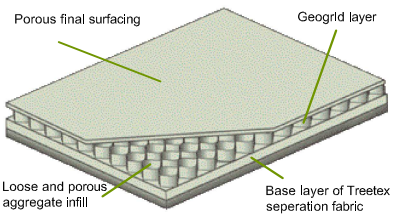
Surveyed trees have been assigned a category in accordance with Table 1 of BS 5837:2012 'Trees in Relation to Design, Demolition and Construction'. The category is indicated on First Environment plans by the colour of the Root Protection Area (RPA). The RPA delineates the minimum rooting area required to enable tree retention. The categories are as follows:

- Category 'A' - Tree of high quality and/or value - Green RPA
- Category 'B' - Tree of moderate quality and/or value - Blue RPA
- Category 'C' - Tree of low quality and/or value - Grey RPA
- Category 'U' - Tree of significantly reduced potential - no RPA unless in third party ownership, then Grey RPA.

Above Soil Surfacing

Within the RPAs of retained trees the specification for sections of proposed hard surfacing indicated by a pink hatch is to be as follows:

- A base layer of geotextile membrane will be laid on to the undisturbed existing soil level.
- On top of this, a cellular confinement system (i.e. Cellweb) will be installed and loosely filled into place.
- Clean aggregate must be used to create a loose, porous infill. This may then be used as a temporary access providing that the edges are banked up and the surface prevented from clogging.
- The final wearing course will be retained at its sides using timber edging or railway sleepers secured with road pins/wooden stakes
- Within RPAs, no excavation whatsoever is to be undertaken to enable installation.



Tree Removal Schedule

Tree No.	Category	Species	Works
31	C ₂	Wych Elm	

Category C groups of trees G4 & G5 will be removed.
Category C hedge H2 will be partially removed.

Tree Pruning Schedule

Tree No.	Category	Species	Works
23	C ₂	Hawthorn	Cut back to facilitate development
26	C ₂	Flowering Cherry	Cut back to facilitate development
28	C ₂	Hawthorn	Cut back to facilitate development

Stump Removal

Unless otherwise stated, all stumps of removed trees are to be removed by grinding. Stumps will be ground to a depth of c.350mm, or at the discretion of a suitably qualified contractor. No vehicle or machine over 0.5 tons is permitted within the RPAs of retained trees unless suitable measures to prevent ground compaction have been agreed with the appointed arboricultural consultant.

KEY:

Tree Nos.:	30	Tree Canopies:	(Green/Blue hatched)	Trees to be Removed:	31
TPO Tree Nos.:	9*	Tree Protection Fencing:	(Blue line)	Temporary Protection Fencing:	(Red line)
Category 'B' RPA:	(Blue circle)	Category 'C' RPA:	(Green circle)	Above Soil Surfacing:	(Pink hatch)

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Project/Client:
Bishopstone Road Manor Oak Homes

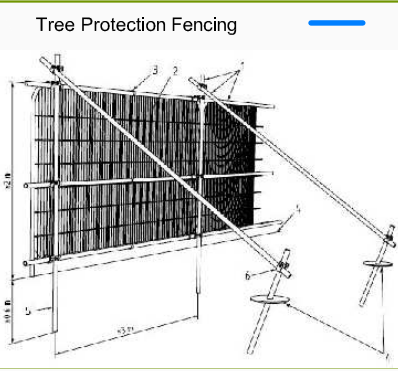
Based On: Stone - Site Plan Base

Title: Tree Protection Plan

Drawing No: 5353 TPP TL 03

Date: 28.11.14 | Drawn: MB | Checked: xx

Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon. Do not scale from this drawing.



Key

- Standard scaffolding poles
- Heavy gauge 2m tall galvanized tube and welded mesh infill panels
- Panels secured to uprights and cross-members with wire ties
- Ground level
- Uprights driven into the ground until secure (minimum depth 0.6m)
- Standard scaffolding clamps

As shown in BS 5837:2012, Section 6, Figure 2.

Tree Protection Fencing to be erected where indicated by the bold blue lines on the adjacent plan, prior to the commencement of any demolition or construction work.
Fencing specification to be compliant with BS 5837:2012 (illustrated above) and should be fit for the purpose of excluding construction activity and any other unacceptable disturbance from within the Root Protection Areas of retained trees, i.e:

- A scaffold framework in accordance with Figure 2 above comprising of a vertical and horizontal framework, well braced to resist impacts, with vertical tubes driven into the ground spaced at maximum intervals of 3m. Onto this, welded mesh panels should be securely fixed with wire, scaffold clamps or cable ties. If required, fence bases or feet will be secured into the ground with upright scaffold tubes. Panels supported on unsecured rubber or concrete feet are not resistant to impact and should not be used.