

Tree Protective Barrier

All Tree Protection and Tree Protective Barrier to be in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'. Tree Protective Fencing - to be 2.0 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area, or as specified.

Existing Trees to be Removed

Trees and Shrubs Recommended for Removal from Site Prior to Tree Protection Works / Measures.

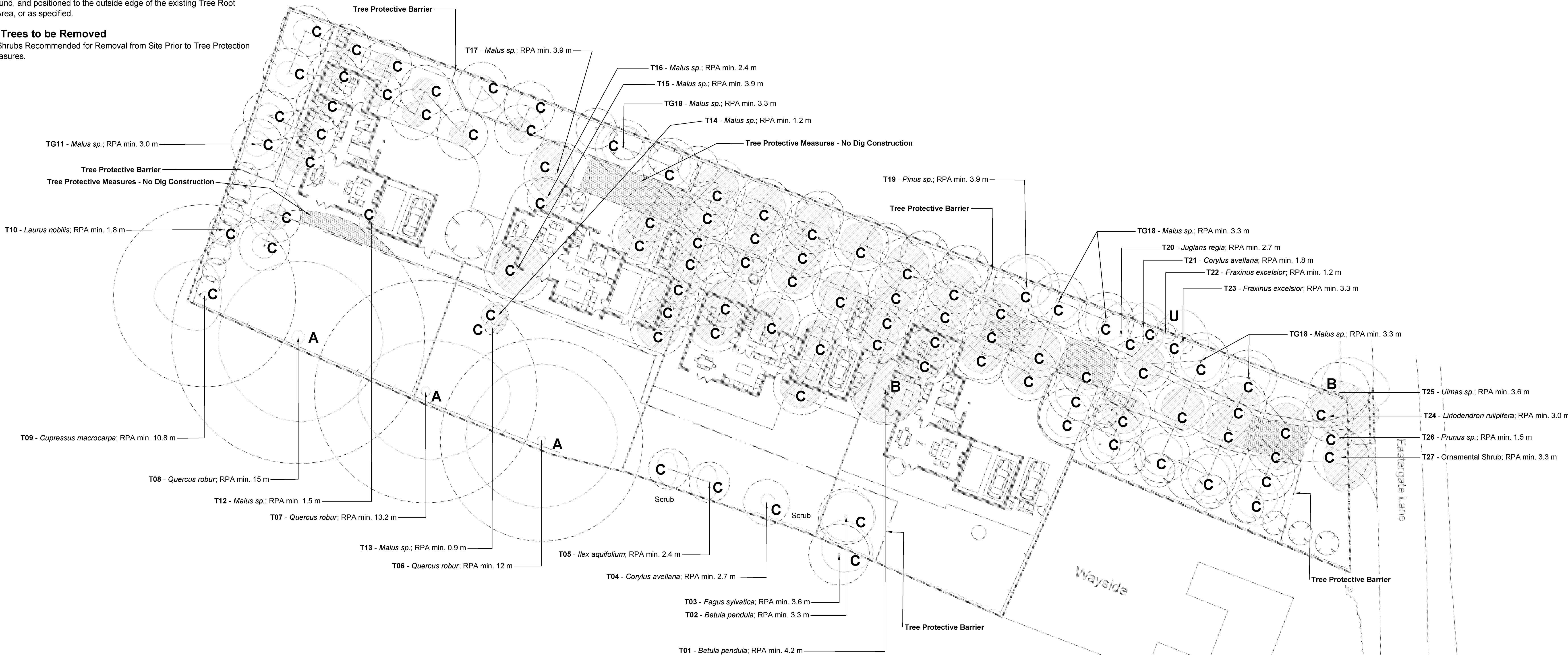
Tree Protective Measures - No-Dig Construction

A 'no-dig' Construction method shall be employed during the construction of of the patio area for plot 4 and in the highlighted areas for the construction of the proposed access road in order to avoid damage to existing tree roots and localised compaction of subsoil within the tree root protection areas of trees proposed for retention.

Existing surfacing materials shall be left undisturbed and retained during the construction period for as long as possible in order to protect the tree root protection area of the existing trees to be retained; existing soft ground layers shall be removed carefully by hand within the existing tree root protection areas. A ground stabilising geo-mesh ('TDP SN20 GeoGrid' or equal and approved), shall be rolled out over the existing ground level and evenly covered with a No Fines - Open Graded Aggregate (in accordance with Highways Agency Specification; Clause 805 (Type 3) or equal and approved.)

The granular fill shall be incorporated within a 3 dimensional GeoCell (Terram Geocell 25/10 or equal and approved) and shall ensure a minimum supportive construction depth of 150 mm. A geo-textile filter membrane is to be laid over the granular fill construction (Geotextile filter membrane to be TDP 115 Non-woven Geotextile Fabric or equal and approved.)

A permeable system and construction method shall be installed over the prepared sub-base layers. A bedding layer of crushed aggregate (to BS EN13242; range size; 4 - 14 mm) is to be laid level and compacted above the Geotextile filter membrane to a depth of 25 mm. A permeable top layer, which could consist of (for example) resin-bound gravel, tarmac or permeable block-paving shall then be installed above the bedding layer to create the terrace areas.



Legend

- Site Boundary
- Tree and Shrub Numbers.
- Tree Root Protection Areas
Tree Root Protection Areas calculated and specified in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.
- Category A Trees
Trees of High Quality and Value.
- Category B Trees
Trees of Moderate Quality and Value.
- Category C Trees
Trees of Low Quality and Value.
- Category U Trees
Trees Unviable for Retention.
- Tree Group Line
Trees Within the Same Grouping.
- Existing Trees to be Removed
Tree Surgery operations to be in accordance with BS3998:2010 - 'Tree Works - Recommendations'.
- Tree Protection Barrier
All Tree Protection and Tree Protection Barriers to be in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.
Tree Protective Barrier to be 2.0 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground and positioned to the outside edge of the existing Tree Root Protection Area, or as specified.
- Tree Protection Zone - 'No Dig' Construction
A 'No Dig' Construction shall allow for construction to be implemented without intrusion or change of existing ground levels, in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'.

Planning Issue

Rev	Description	Date	Initials
00	Planning Issue	17.03.22	WM



Client: Mr Smith	Date: 17.03.2022
Project Title and Location: Land Adjacent to Wayside Eastergate Lane, Eastergate	Revision: 00
Drawing Title: Tree Retention and Protection Plan	
Scale: 1:200 @AO	Drawn: WM
Approved: GS	
Drawing No: LLD2394-ARB-DWG-002	

Tree Retention and Protection Plan
Land Adjacent to Wayside, Eastergate Lane, Eastergate

