

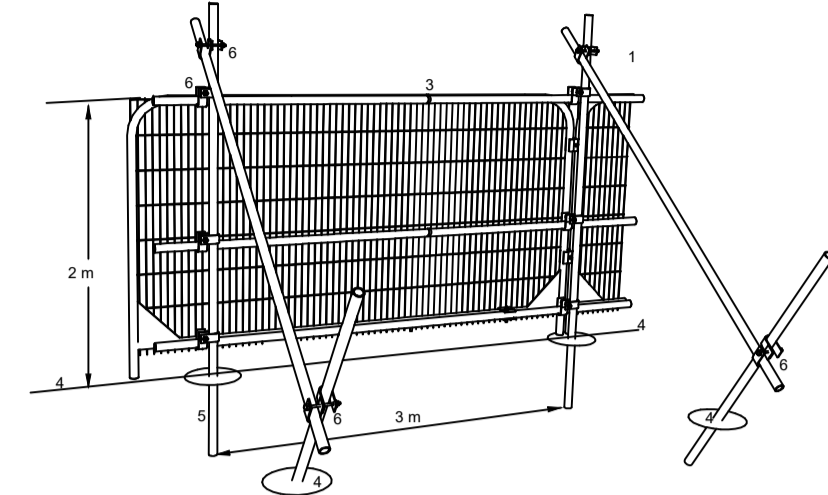
**CONSTRUCTION EXCLUSION ZONE**

Root protection areas (RPA) of retained trees within which all construction activity is restricted.

All trees that are being retained on site must 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. Where all activity can be excluded from the RPA, vertical barriers must be erected to create a construction exclusion zone. Where, due to site constraints, construction activity cannot be fully or permanently excluded in this manner from all or part of a tree's RPA, appropriate ground protection can be installed.

**DEFAULT POSITION FOR THE TREE PROTECTION BARRIERS.**

**BS5837:2012 Figure 2 - barrier specification**



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

Examples of alternative barrier designs can be found in the method statement. Should an alternative design be more viable and appropriate, it must be agreed with the project arboriculturist before its implementation.

**TREE TO BE REMOVED**

**A CATEGORY TREE**  
**B CATEGORY TREE**  
**C CATEGORY TREE**  
**U CATEGORY TREE**

**ROOT PROTECTION AREA (RPA) FOR RETAINED TREES**

**EXISTING SITE FEATURES**

**HARD GROUND WITHIN ROOT PROTECTION AREAS**  
 The existing vehicular access is highly likely to have restricted any significant root growth in this area. Therefore, no special measures are required.

**SENSITIVE DEMOLITION**  
 The existing structures are within the RPAs of retained trees and therefore, to minimise impact on underlying roots are to be demolished as per the method statement & under the supervision of the project arboriculturist.

**RESTRICTIONS WITHIN TREE PROTECTION AREAS**  
 Inside the exclusion area of the fencing, the following shall apply:

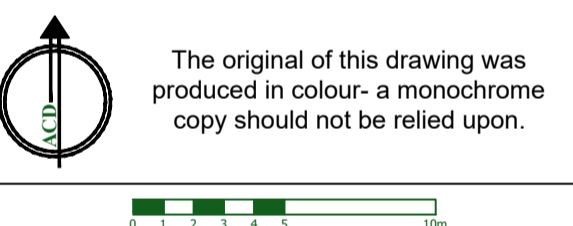
- No mechanical excavation whatsoever
- No excavation by any other means without arboricultural site supervision
- No hand digging without a written method statement having first been approved by the project arboriculturist.
- No lowering of levels for any purpose (except removal of grass sward using hand tools)
- No storage of plant or materials
- No storage or handling of any chemical including cement washings
- No vehicular access
- No fire lighting

In addition to the above, further precautions are necessary adjacent to trees:

- No substances injurious to tree health, including fuels, oil, bitumen, cement (including cement washings), builders sand, concrete mixing and other chemicals shall be stored or used within or directly adjacent to the protection areas of retained trees
- No fire shall be lit such that flames come within 5m of tree foliage.



The original of this drawing was produced in colour - a monochrome copy should not be relied upon.



D	14.06.21	Revised layout	SN
C	28.10.20	Revised layout	TRG
B	20.11.18	Client spelling corrected	MW
A	16.11.18	Updated with layout 51	MW
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**ACD ENVIRONMENTAL**

HEAD OFFICE  
 Redbourne Rail Business Centre, Orange Lane,  
 Malmesbury, SN16 0ES  
 Tel: 01666 825646

4 & 5 The Old Mill, Fry's Yard, Bridge Street,  
 Godalming, GU7 1HP  
 Tel: 01483 425714

Suite 6, Crescent House, Yonge Close,  
 Eastleigh, SO50 9SX  
 Tel: 02382 026300

email: mail@acdenv.co.uk  
 www.acdenvironmental.co.uk

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scheme: Liss Forest Nursery  
 Petersfield Road, Greatham

client: Cove Construction Ltd,  
 Peter Catt, Neill Catt &  
 Vincent Catt

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