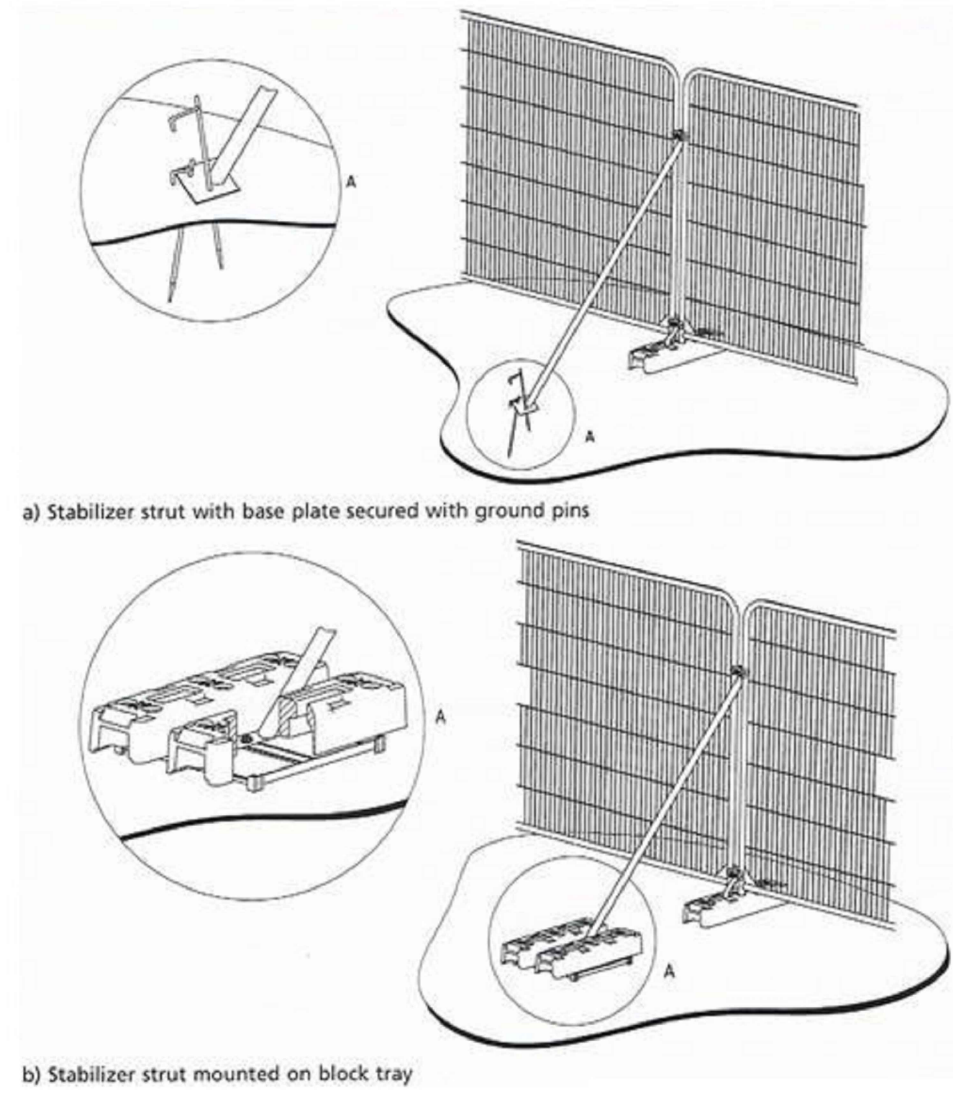


Figure 3 Examples of above-ground stabilizing systems



315

29

28

Lumley

G14

G13

G10

25

24

G12 Hedge

G11

Lichfield



Tree Number	Tree Tag	Species	Height (m)	Effectual Diameter (mm)	Remaining Contribution (years)	Retention Category	Root Protection Area (m²)	Root Protection Radius (m)
20	1383	Downy Birch (Betula pubescens)	16	230	20-40	C 2,3	23	2.7
21	1385	Beech (Fagus sylvatica)	14	230	40+	B 1,3	10	2.7
G10	NA	Lawson Cypress (Cupressus) Felled						
22	1386	Holly (Ilex aquifolium)	10	275	40+	B 2,3	34	3.3
22a	971	Goat Willow (Salix caprea)	10	250	20-	C 2,3		3
G11	NA	Goat willow, cherry laurel, Himalayan honeysuckle Hazel - Felled						
G12	NA	Yew (Taxus baccata)	2	75	40+	C 2,3	3	0.9
23		Pear Felled						
24	471	Pedunculate oak (Quercus patraea)	15	550	40+	A 2,3	102	9.2
25		Lawson cypress Felled						
G13	NA	Ash, Lawson cypress with juvenile foliage, variegated holly, Wilson's honeysuckle, hazel, holly, Ash Felled	11	150	20-40	C 2,3	10	1.8
26		Pear Felled						
27		Holly Felled						
G14	NA	Lawson cypress	14	00 larg	20-40	C 2	41	600
28	1392	Red Oak (Quercus rubra)	16	250	40+	C 2	23	3
29	1391	Red Oak (Quercus rubra)	16	300	40+	B 2	34	3.6
G15	475	Lawson Cypress (Cupressus)	20	525	20-40	B 2	125	6.3
38	1398	Common walnut Felled						

Key

Trees to be considered for retention.

- A – High
- B – Moderate
- C – Low
- Root Protection Area

Trees unsuitable for retention.

- U – Fell
- Felled Tree
- Barrier Fencing

Tree Key

- Crown Spread Measured in North, South, East and West side of tree.
- T₁ Trees Number (T - Individual Tree, G - Group, A - Tree area, W - Woodland, H - Hedgerow)

Root Protection Area (RPA)

A layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority.



Ambler-Lewis Tree Specialists Ltd
Mob: 07961 322908
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Client	Ashley Smith
Surveyed by	SA
Date surveyed	June 2026
Drawn by	LP
Scale	1:250 when printed at A2
OS Grid Ref	333663 (E), 191116 (N)

INDICITIVE ONLY.
PLEASE REFER TO ROOT PROTECTION TABLE.
DO NOT SCALE FROM THIS DRAWING
CHECK ALL DIMENSIONS ON SITE

REF. DRAWINGS

TITLE **Tree Removal, Retention & Protection Plan Felthorpe House, Caerleon**

DRAWING No: **26-007**

This plan should be read in conjunction with the 26-007 Felthorpe house, Caerleon Tree Survey & Categorisation Report Jan 2026 (Ambler-Lewis)

The root protection area and crown spread as shown, are a constraint to development and both should form part of the construction exclusion zone (Construction Exclusion Zone)

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