

Protection and Retention of Existing Vegetation

The Contractor shall exercise extreme care when performing operations beneath the canopy of existing mature trees and vegetation and within the specified Root Protection Areas designated for protection and avoid at all times damage to the roots, trunk and branches.

All excavations, cultivation and grading beneath the canopy of existing mature trees and within the specified Root Protection Areas of the existing trees and vegetation shall be carried out using hand tools, taking care not to damage or disturb any existing tree roots. No general trenching shall occur within the Root Protection Area. No roots shall be severed greater than 25mm thickness within the Root Protection Area without specialist advice.

Tree Protective Fencing

All Tree Protection and Tree Protective Fencing 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, set into or on the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area, or as specified. The fencing should be strained, and fixed to fences, walls, knee rails to provide a complete protected area.

Day-glo ribbons shall be maintained during the main works by the Main Contractor attached to the top of the fencing to ensure that the fencing is clearly visible during the works. Fencing shall be used to enclose the full canopy spread of any tree in accordance with the specified Root Protection Areas.

The fencing shall be installed, protected and maintained during the main works by the Contractor who shall be responsible for protecting any area beneath the canopy of the existing trees and within the specified Root Protection Areas. All such fencing shall be maintained for the full contract period. All necessary excavations, earthworks and cultivation beneath the canopy spread of any existing tree; shrub or hedge shall be undertaken by hand. Repositioning of the protective fencing during the course of the contract as the contract works progress shall need to be agreed with the Arboriculturalist. At the end of the contract period the Contractor shall remove protective fencing from the site. All retained vegetation shall be healthy and thriving at the handover date.

Within the protected area the following activities must not take place;

- No vehicles are to be used in the fenced off areas;
- No materials are to be stockpiled or stored;
- No chemicals are to be stored;
- No excavation or increase in the soil level shall occur;
- No fires shall be lit on site.

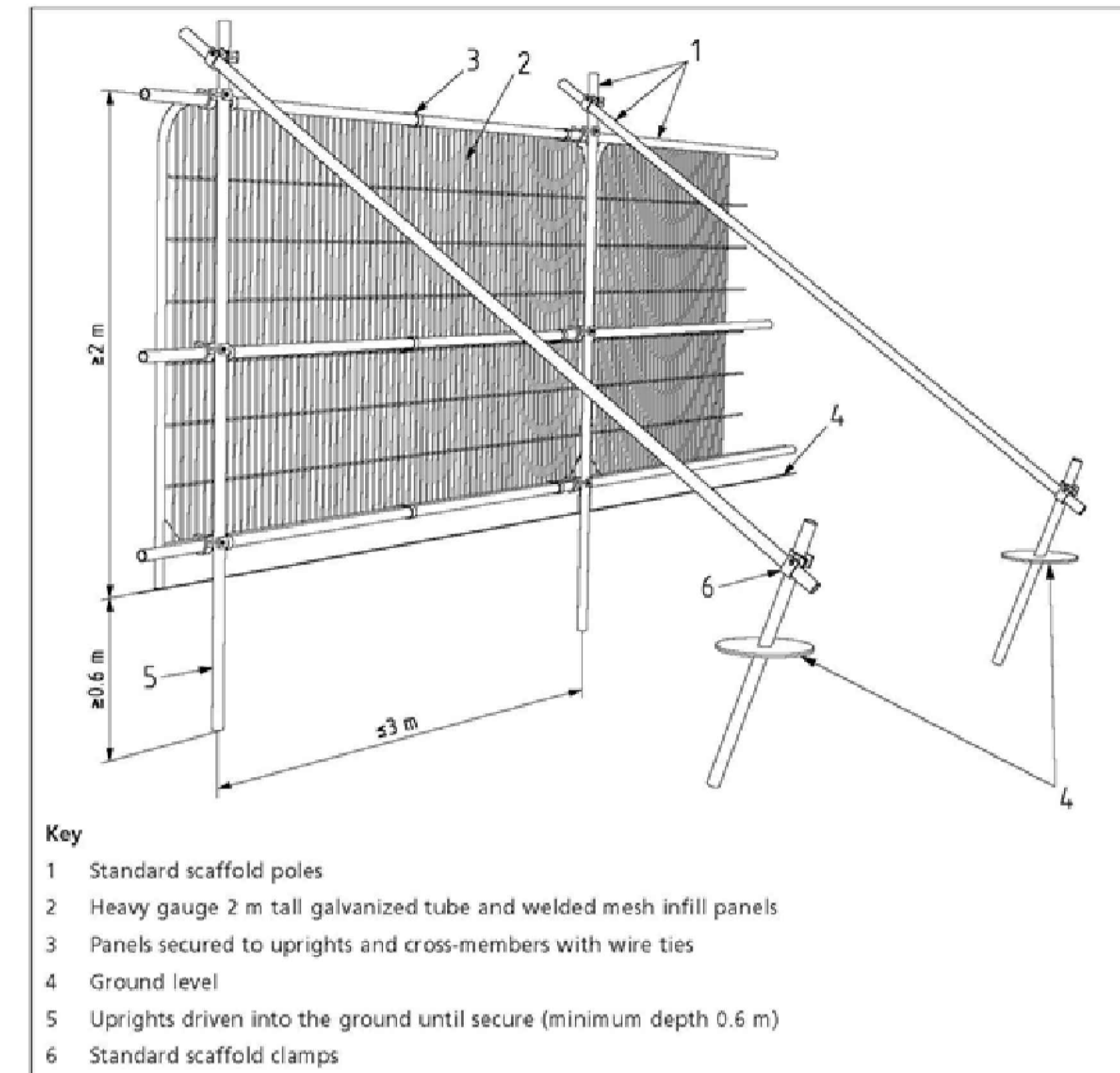
Removal of Existing Vegetation

The following trees are proposed for removal within the site:
T 01 - *Acer campestre*; Category C; to south-east corner of site.

All tree work shall be carried out in accordance with BS 5837: 2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations' and BS3998: 2010 - 'Tree Work: Recommendations'. Tree surgery works shall be undertaken prior to the erection of the Tree Protective Fencing. Care should be taken during the tree surgery process to avoid any damage to any trees which are designated to be retained and protected. The removal of shrub or scrub material within the tree root protection area of any tree to be retained shall employ a manual removal method; the use of hand tools shall be used in order to maintain the ground surface of the tree root protection area, and reduce any damage to existing tree roots within the protected tree root zone. Adjacent trees shall not be utilised as anchors or levers to facilitate the removal of adjacent vegetation.

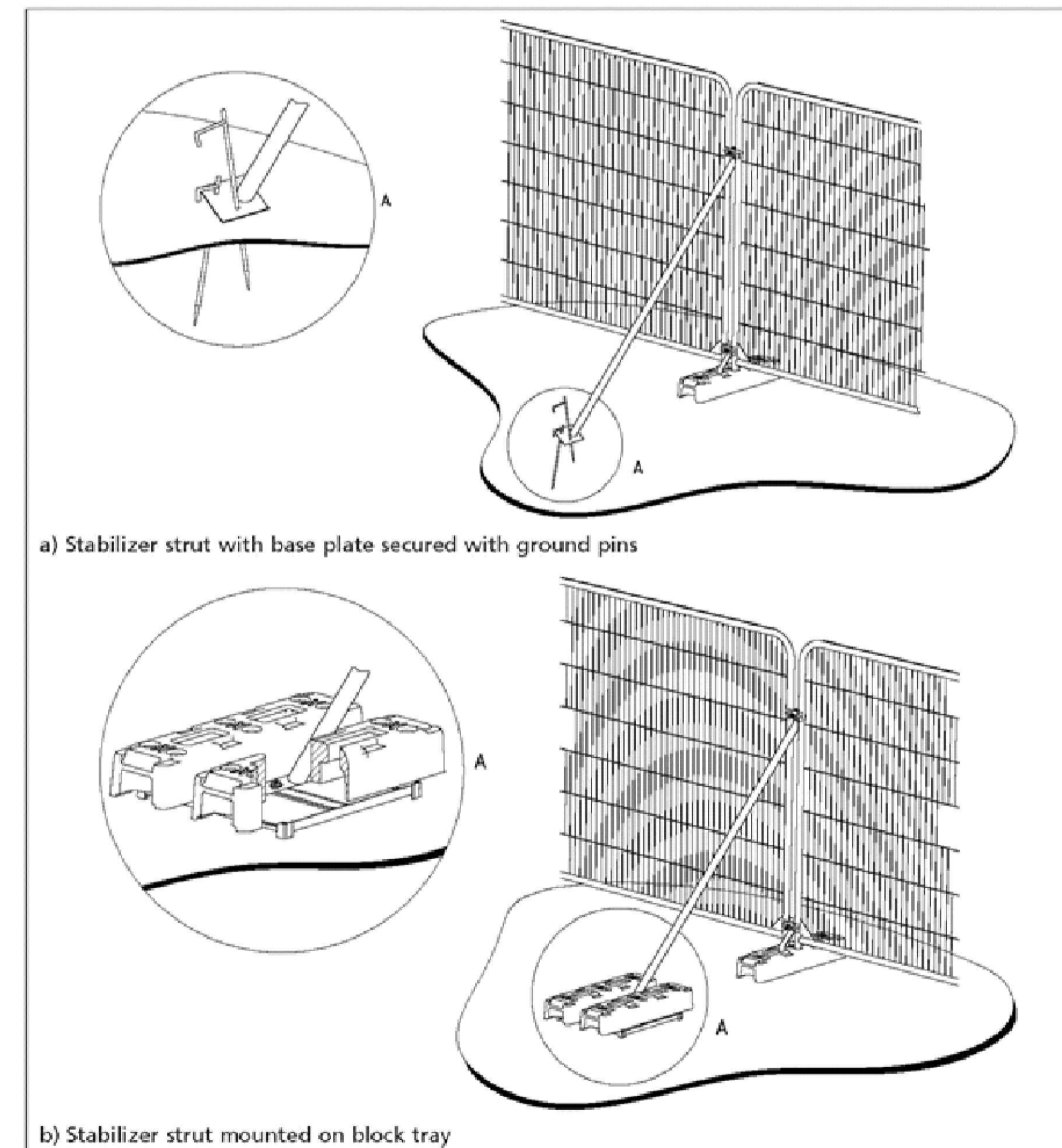
The loss of vegetation through the proposals shall be compensated through the planting of replacement shrubs and trees to replace the existing hedge to the north of the site, as well as a new mixed species native hedge with trees along the southern boundary, and hedge planting along the western boundary.

Figure 2 Default specification for protective barrier



© The British Standards Institution 2012

Figure 3 Examples of above-ground stabilizing systems



© The British Standards Institution 2012

Legend

- Site Survey Boundary.
- Existing Buildings.
- Tree/ Tree Group/ Tree Line/ Hedge Identification Label
- 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'.
- Category C Trees
Trees of Low Quality and Value.
- Category C Hedges
Hedges of Low Quality and Value.
- Bramble Scrub.
- Trees Proposed to be Removed
- Tree Protective Barrier

Notes:
1. Drawing to be viewed in colour
(Refer to LLD1975-ARB-ETS - Existing Tree Schedule)

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	15.03.21	GS

LIZARD
Landscape Design and Ecology

The Old Bank, 34 South Street, Tarring, Worthing, West Sussex, BN14 7LH
T: 01903 216033 E: lizardlandscape@btconnect.com W: lizardlandscapeecology.com

Project Title and Location	
Single Dwelling on Land Adjacent To The Spinney	
Client Junnell Homes Ltd	
Drawing Title Tree Retention and Protection Plan Notes	
Scale 1:100@A1	Drawn GS Approved JJ
Date 15.03.21	Revision 00
Drawing No LLD1975-ARB-DWG-007	CAD Filename LLD1975CADARB

Tree Retention and Protection Plan - Notes
Single Dwelling on Land Adjacent To The Spinney, Lagness Road, Runcton