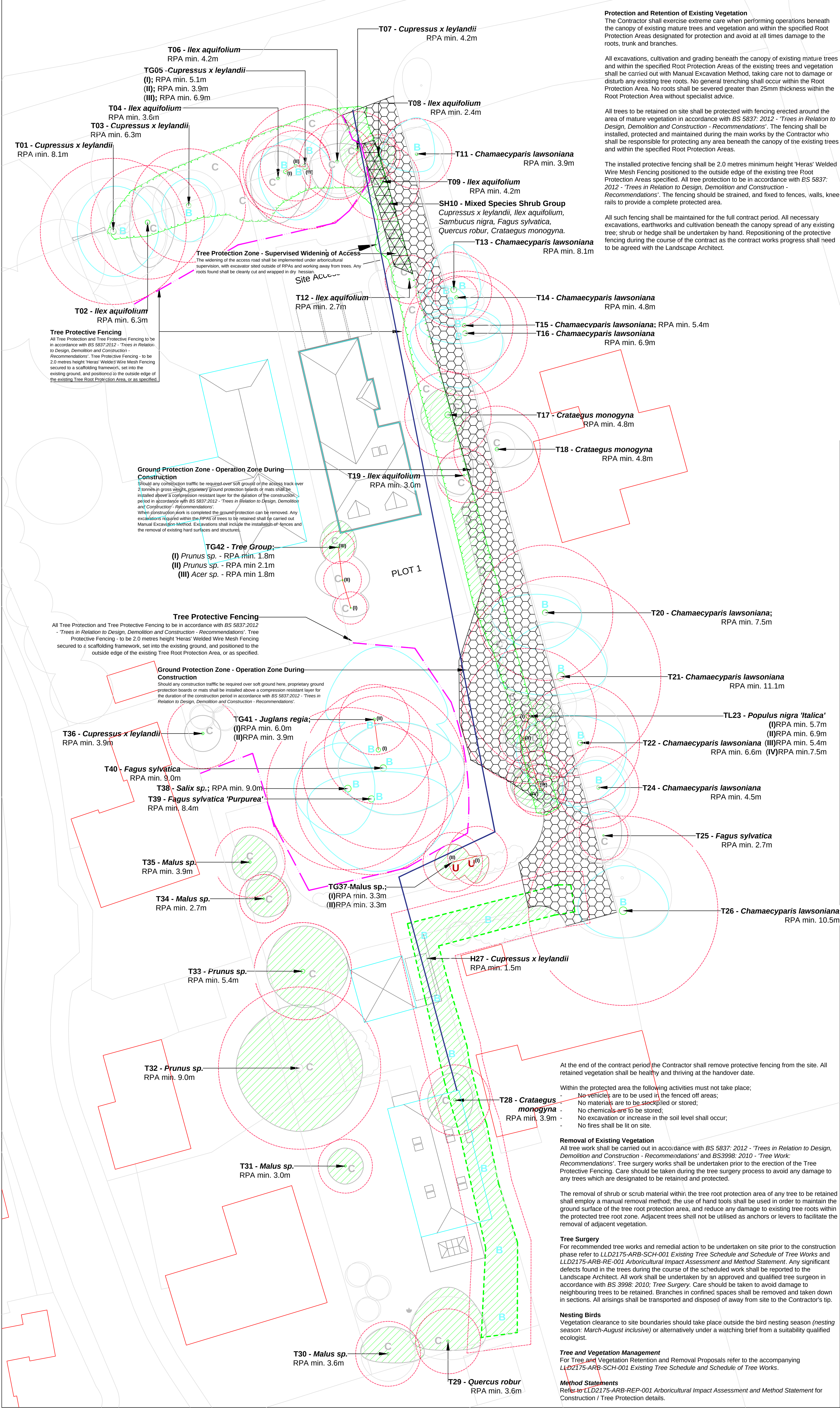




Protection and Retention of Existing Vegetation
The Contractor shall exercise extreme care when performing operations beneath the canopy of existing mature trees and vegetation and within the specified Root Protection Areas designated for protection and avoid at all times damage to the roots, trunk and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

All trees to be retained on site shall be protected with fencing erected around the area of mature vegetation in accordance with BS 5837: 2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'. 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.

The installed protective fencing shall be 2.0 metres minimum height 'Heras' Welded Wire Mesh Fencing positioned to the outside edge of the existing tree Root Protection Areas specified. All tree protection to be in accordance with BS 5837: 2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'. The fencing should be strained, and fixed to fences, walls, knee rails to provide a complete protected area.

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 Landscape Architect.

Legend

Proposed Buildings

T/ SH/ H

Tree/ Shrub Group/ 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 - 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 to be Removed

Hedge to be Removed

Shrub to be Removed

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 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.

Ground Protection Zone - Operation Zone During Construction

While construction work is commencing on the proposed buildings, the existing ground levels within the RPAs of trees to be retained are to be protected with interlocking metal plates above a compression resistant layer or with the existing hard standing surface for the duration of the construction period in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'. When construction work is completed the ground protection can be removed. Any excavations required within the RPAs of trees to be retained shall be carried out Manual Excavation Method. Excavations shall include the installation of fences and the removal of or existing hard surfaces and structures.

Tree Protection Zone - Supervised Widening of Access

The widening of the access road shall be implemented under arboricultural supervision, with excavator sited outside of RPAs and working away from trees. Any roots found shall be clearly cut and wrapped in dry hessian.

Proposed Service Runs

Installation of service runs shall be in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'. Where services run through the edges of RPAs, trial excavation shall be carried out to ascertain if significant roots are present. If present a directional drilling or boring technique will be used.

Notes:

- Drawing to be viewed in colour (Refer to LLD1578-ARB-DWG-001 - Tree Constraints Plan and LLD2175-ARB-SCH-001 - Existing Tree Schedule)
- Details of tree retention and protection measures (Refer to LLD2175-ARB-REP-001 - Arboricultural Impact Assessment - Method Statement)

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	04.12.20	GS

LIZARD
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Project Title and Location
Mistletoe Farm, Climping

Client
Randmere Limited

Drawing Title
Tree Retention & Protection Plan

Scale 1:200@A1	Drawn GS Approved	Date 04.12.2020
Drawing No LLD2175-ARB-DWG-001	Revision 00	
CAD Filename LLD2175-CAD-ARB		

Tree Retention and Protection Plan
Mistletoe Farm, Horsemere Green Lane, Climping, West Sussex

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
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.

Tree Surgery
For recommended tree works and remedial action to be undertaken on site prior to the construction phase refer to LLD2175-ARB-SCH-001 Existing Tree Schedule and Schedule of Tree Works and LLD2175-ARB-RE-001 Arboricultural Impact Assessment and Method Statement. Any significant defects found in the trees during the course of the scheduled work shall be reported to the Landscape Architect. All work shall be undertaken by an approved and qualified tree surgeon in accordance with BS 3998: 2010; Tree Surgery. Care should be taken to avoid damage to neighbouring trees to be retained. Branches in confined spaces shall be removed and taken down in sections. All arisings shall be transported and disposed of away from site to the Contractor's tip.

Nesting Birds
Vegetation clearance to site boundaries should take place outside the bird nesting season (nesting season: March-August inclusive) or alternatively under a watching brief from a suitability qualified ecologist.

Tree and Vegetation Management
For Tree and Vegetation Retention and Removal Proposals refer to the accompanying LLD2175-ARB-SCH-001 Existing Tree Schedule and Schedule of Tree Works.

Method Statements
Refer to LLD2175-ARB-REP-001 Arboricultural Impact Assessment and Method Statement for Construction / Tree Protection details.

