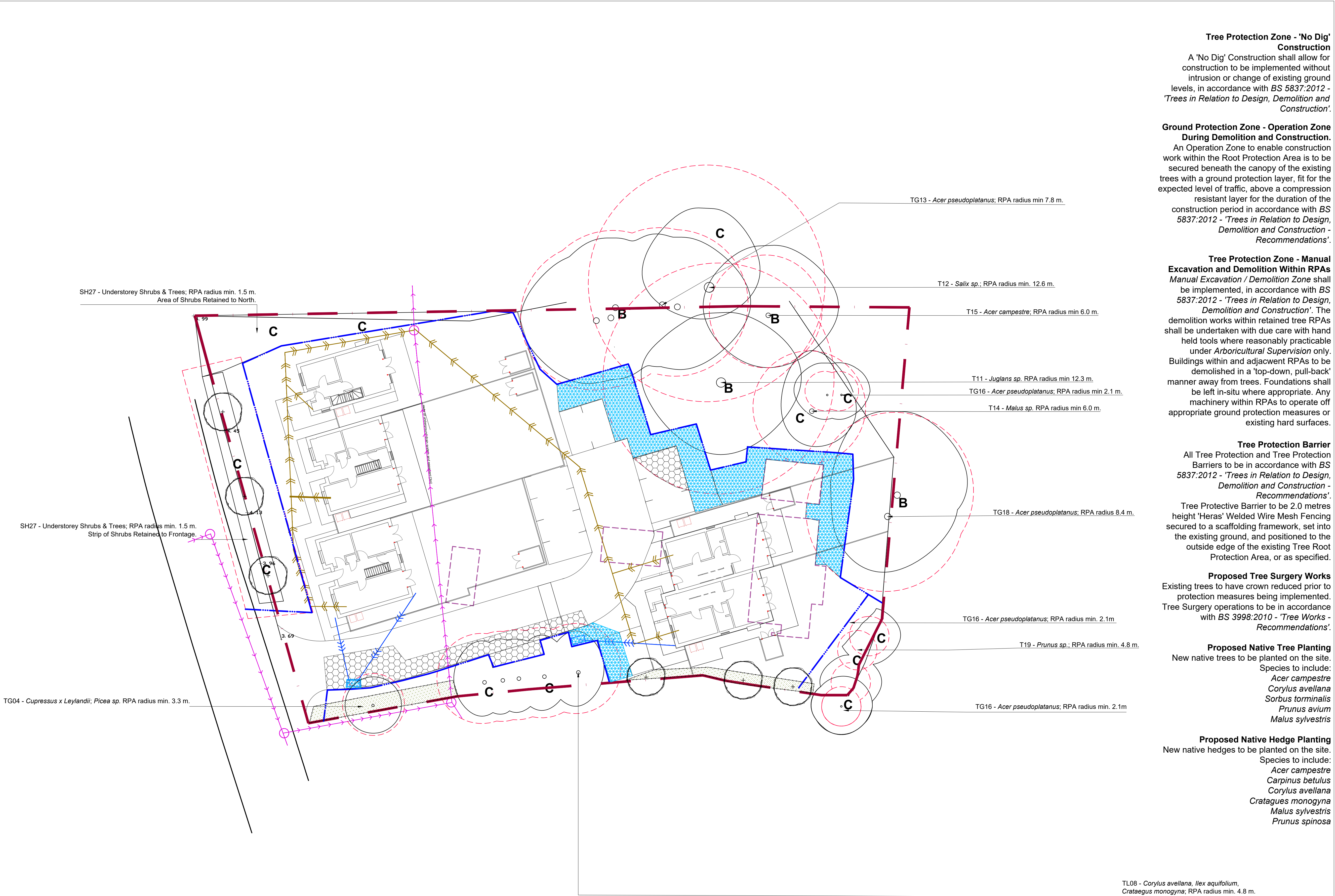




**Tree Protection Zone - 'No Dig' Construction**

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'.

**Ground Protection Zone - Operation Zone During Demolition and Construction.**

An Operation Zone to enable construction work within the Root Protection Area is to be secured beneath the canopy of the existing trees with a ground protection layer, fit for the expected level of traffic, above a compression resistant layer for the duration of the construction period in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.

**Tree Protection Zone - Manual Excavation and Demolition Within RPAs**

Manual Excavation / Demolition Zone shall be implemented, in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'. The demolition works within retained tree RPAs shall be undertaken with due care with hand held tools where reasonably practicable under *Arboricultural Supervision* only. Buildings within and adjacent RPAs to be demolished in a 'top-down, pull-back' manner away from trees. Foundations shall be left in-situ where appropriate. Any machinery within RPAs to operate off appropriate ground protection measures or existing hard surfaces.

**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.

**Proposed Tree Surgery Works**

Existing trees to have crown reduced prior to protection measures being implemented. Tree Surgery operations to be in accordance with BS 3998:2010 - 'Tree Works - Recommendations'.

**Proposed Native Tree Planting**

New native trees to be planted on the site. Species to include:

- Acer campestre*
- Corylus avellana*
- Sorbus torminalis*
- Prunus avium*
- Malus sylvestris*

**Proposed Native Hedge Planting**

New native hedges to be planted on the site. Species to include:

- Acer campestre*
- Carpinus betulus*
- Corylus avellana*
- Crataegus monogyna*
- Malus sylvestris*
- Prunus spinosa*

**Legend**

- Site Survey Boundary
- Existing Building Requiring Demolition
- Tree/ Tree Group/ Tree Line/Shrub Group 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 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 unsuitable for retention.
- Category C Hedge  
Hedge of Low Quality and Value.
- Category C Shrub Groups  
Shrub Group of Low Quality and Value.
- Trees to be Removed
- Tree Surgery Works
- Tree Protective Barrier
- Ground Protection Zone - Operation Zone During Demolition and Construction and Manual Excavation
- Tree Protection Zone - 'No Dig' Construction
- Proposed New Native Tree Planting
- Proposed New Native Hedge Planting

## PLANNING ISSUE

| Rev | Description    | Date     | Initials |
|-----|----------------|----------|----------|
|     |                |          |          |
|     |                |          |          |
| 01  | Planning Issue | 01.02.21 | GS       |
| 00  | Planning Issue | 17.12.20 | GS       |



# LIZARD

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|                                                                   |                  |
|-------------------------------------------------------------------|------------------|
| Client<br>Mr R Daniells                                           |                  |
| Project Title and Location<br>Sunnymead Farm, Yapton, West Sussex |                  |
| Drawing Title<br>Tree Retention and Protection Plan               |                  |
| Scale<br>1:200@A1                                                 | Drawn<br>JH      |
| Approved<br>GS                                                    | Date<br>17.12.20 |
| Drawing No<br>LLD2122-ARB-DWG-003                                 | Revision<br>01   |

# Tree Retention and Protection Plan

## Sunnymead Farm, Yapton, West sussex

