ARUN DISTRICT COUNCIL WA/82/17/T

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.

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, trees 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 and generally with 1.0m on either side of any hedge.

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.

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.*

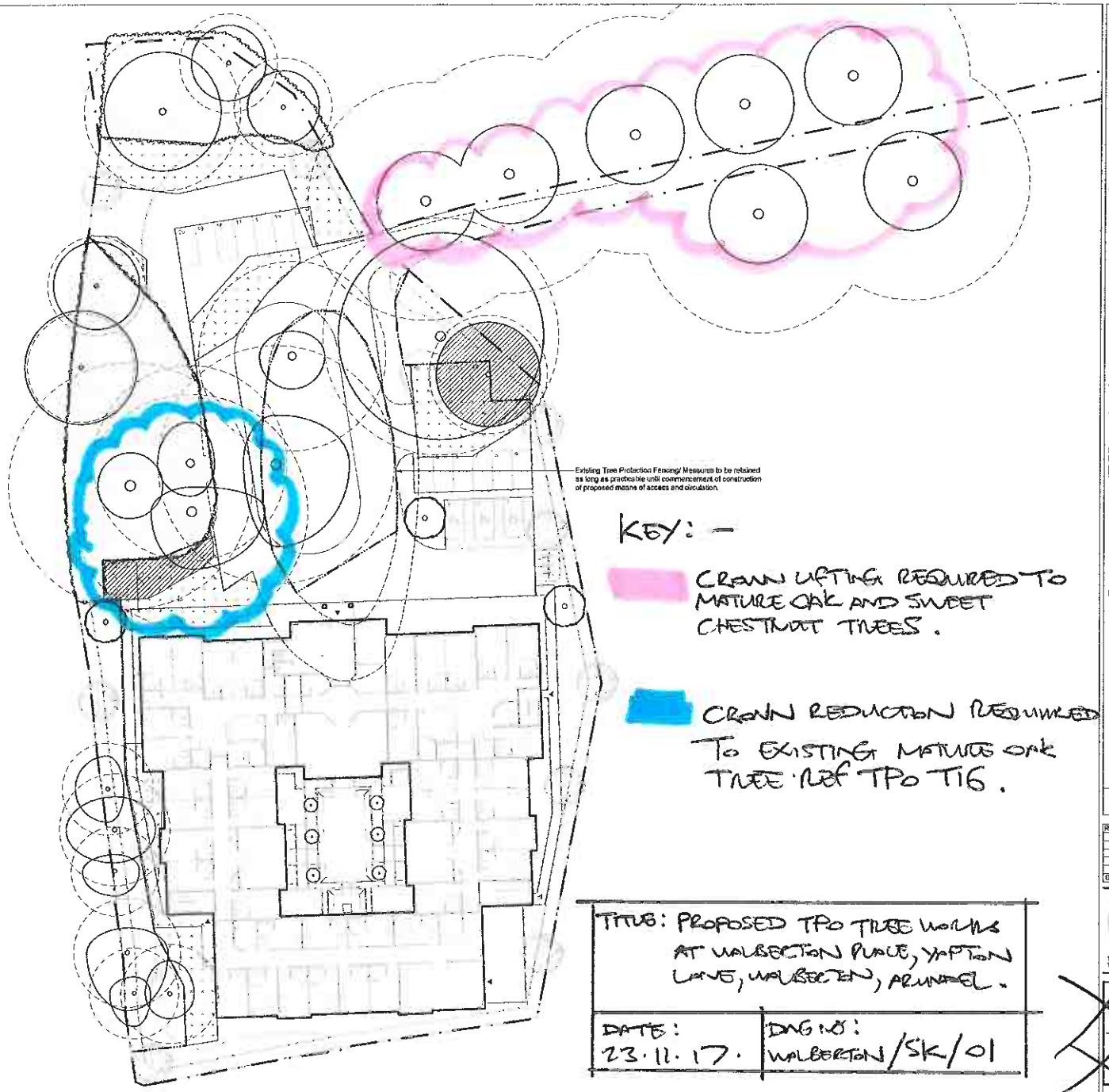
Removal of Existing Vegetation
All existing trees to be designated for removal are to be removed in accordance with the Tree Protection and Retention Drawing. All tree work and removal shall be carried out in accordance with *BS 5837: 2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*. Trees designated for removal and felling shall be marked on site with white paint. Prior to the removal and felling of trees, the required work and tree positions shall be agreed on site with the Landscape Architect. Trees shall be felled prior to the erection of the tree protective fencing. Care should be taken to avoid damage to trees, which are designated to be retained.

Stumps shall be removed and cut away so that the top of the stump shall be at least 450 mm below the final topsoil level in order that the site can be leveled and grassed over. Stumps are to be treated with an approved herbicide to be agreed with the Landscape Architect. Where the depth is greater than 450 mm the areas shall be backfilled with topsoil to the required level.

Tree Surgery
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 Work: Recommendations'*. 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-September 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 Arboricultural Survey by others.



Legend

- **Site Boundary.**
- **Root Protection Areas**
 Root Protection Areas calculated and specified in accordance with *BS 5837:2012 "Trees in Relation to Design, Demolition and Construction - recommendations"*
- **Existing Trees to be Retained**
 Existing mature trees to be protected on site in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - recommendations'*.
- **Existing Trees to be Removed**
 Trees recommended for removal from site prior to tree protection works / measures.
- **Existing Shrubs/ Dense Vegetation**
 Existing block of understorey vegetation to be retained as far as practically possible. Areas requiring clearance to enable construction operations to be made good and replanted according to drawing LLD997/21 and LLD997/SCH01 - Detailed Planting Schedule and Specification
- **Existing Vegetation to be Removed**
 Existing vegetation (shrubs, understorey) recommended for removal to enable construction works.
- **Existing Access and Circulation**
 Existing circulation scheme to be used during construction operations.
- **Tree Protective Fencing**
 All Tree Protection Measures and Tree Protective Fencing to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'*.
- **Tree Protection Zone - Operation Zone During Construction and No Dig Construction Area**
 Existing ground levels within RPAs of existing trees to be protected with interlocking metal plates 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'. When construction work is completed the ground protection can be removed and No Dig Construction is to be implemented for the construction of the external areas of hard surfacing within the RPAs of surrounding trees.

Notes:
1. For Planting proposals refer to drawings *LLD997/21-23* and *LLD997/SCH01 - Detailed Planting Schedule and Specification.*
2. Refer to LLD997/SP01 for Soft Landscape Specification
3. Due to extensive coverage of RPAs of existing mature and protected trees recommended for retention, regular monitoring and maintenance of trees is required to avoid risk to health and safety

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	01.11.16	MZ

LIZARD
Landscape Design and Ecology
The Old Bank, 74 North Street, Titford, Worthing, West Sussex, BN14 7AH
T: 01903 213181 E: info@lizardlandscapes.co.uk W: lizardlandscapes.co.uk

Project title
Walberton Place Nursing Home
Yapton Lane, Walberton, West Sussex
Drawing title
Tree Retention and Protection Plan
The Prestige Group

Scale	Drawn	Date
1:250 @ A1	MZ	01.11.2016
	Approved JJ	

Drawing No: LLD997/01 — Revision: 00
CAD File ref: LLD997_01.dwg

TITLE: PROPOSED TPO TREE WORKS AT WALBERTON PLACE, YAPTON LANE, WALBERTON, ARUNDEL.

DATE: 23.11.17. — DWG NO: WALBERTON/SK/01

N

10 0 10 20 metres

Tree Retention and Protection Plan
Walberton Place Nursing Home, Yapton Lane, Walberton, West Sussex