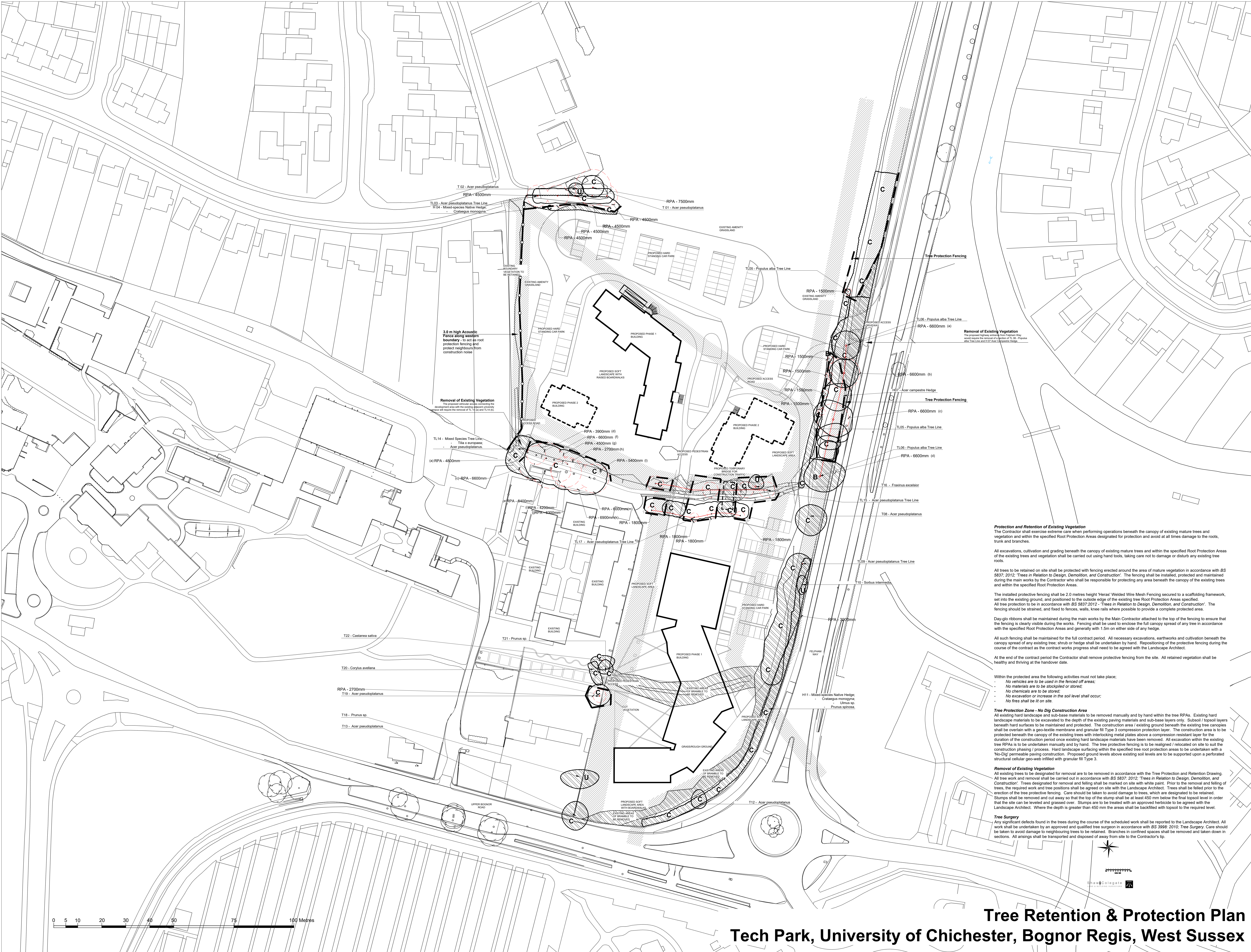




Legend

- Existing Trees
- Tree, Shrub, and Hedge Numbers
- Tree Root Protection Areas
- Category A Trees
- Category B Trees
- Category C Trees
- Category U Trees
- Existing Trees to be Removed
- Tree Protective Fencing
- Proposed Acoustic Fencing
- Proposed Building Footprint

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.

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'. 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 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 Areas specified.

All tree protection to be in accordance with BS 5837:2012, 'Trees in Relation to Design, Demolition, and Construction'. The fencing should be strained, and fixed to fences, walls, knee rails where possible 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 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.

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.

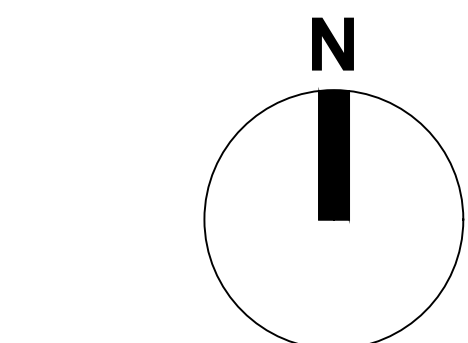
At the end of the contract period the Contractor shall remove protective fencing from the site. All retained vegetation shall be healthy and thriving at the handover date.

- 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.

Tree Protection Zone - No Dig Construction Area
All existing hard landscape and sub-base materials to be removed manually and by hand within the tree RPAs. Existing hard landscape materials to be excavated to the depth of the existing paving materials and sub-base layers only. Subsoil / topsoil layers beneath hard surfaces to be maintained and protected. The construction area / existing ground beneath the existing tree canopies shall be overlain with a geo-textile membrane and granular fill Type 3 compression protection layer. The construction area is to be protected beneath the canopy of the existing trees with interlocking metal plates above a compression resistant layer for the duration of the construction period once existing hard landscape materials have been removed. All excavation within the existing tree RPA is to be undertaken manually and by hand. The tree protective fencing is to be realigned / relocated on site to suit the construction / process. Hard landscape surfacing within the specified tree root protection areas is to be undertaken with a 'No-Dig' permeable paving construction. Proposed ground levels above existing soil levels are to be supported upon a perforated structural cellular geo-web infilled with granular fill Type 3.

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'. 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 first 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.

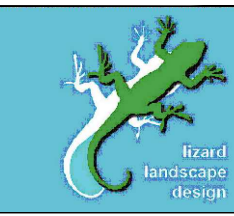
Tree Surgery
Any significant defects found in the trees during the course of the scheduled work shall be reported to the Landscape Architect. All work shall be undertaken by an approved and qualified tree surgeon in accordance with BS 3898:2010, Tree Surgery. Care should be taken to avoid damage to neighbouring 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.



Rev	Description	Date	Initials
04	For Consultation	25.08.16	SL
03	For Consultation	17.08.16	SL
02	For Consultation	21.07.16	SL
01	Planning Issue	15.06.16	SL
00	Planning Issue	26.02.16	SL

Lizard Landscape Design

Lizard Landscape Design
34 South Street
Tarring
West Sussex
BN14 5AA
Tel: 01903 216023
Email: lizardlandscape@btinternet.com



Tech Park Bognor Regis, West Sussex	
Tree Retention & Protection Plan University of Chichester	
Scale 1:500@A0	Date 26.02.16
Drawing No LLD913 / 03	Revision 04