

1.0 INTRODUCTION

- 1.1 Seaward Properties Limited has commissioned Lizard Landscape Design and Ecology to undertake an arboricultural assessment and prepare an updated tree works package for proposed tree removal and tree surgery works proposed to 2 no. existing trees and the southern boundary tree line located adjacent to the proposed Lake Lane residential site area.
- 1.2 The Lake Lane site area is currently subject to a planning approval for residential development (BN/69/16/PL). The tree protection scheme was approved by the LPA as Condition No. 03 under this planning approval. The proposed scheme includes 5 no. residential dwellings, access road, and car parking areas which is currently being constructed on site. The scheme proposals include the realignment of the existing footpath / cycleway link alongside the proposed access driveway along the southern edge of the site area which links from Lake Lane to the east to Nightingale Lane in the west.
- 1.2 The site area is subject to a *Tree Preservation Order – (Reference – TPO/BN/1/13)*. The TPO within the site area includes groups of mixed species trees of Alder, Ash, Oak, Lime, and Sycamore. Running along the southern edge of the site area there is a further TPO between the property boundaries of mature Alder trees – 151 no. *Tree Preservation Order – (Reference – TPO/BN/2/18)*.
- 1.3 The attached updated tree works package seeks to update the tree removal / tree surgery works proposed to the southern site boundary. It has been found on site during construction setting out that 2 no. Leyland Cypress trees exist within the footprint of the proposed access driveway and the realignment of the proposed public footpath. There are also a handful of fallen Leyland Cypress trees beneath the TPO Alder tree line that require removal or cutting back as they impeded pedestrian access along the length of the public footpath to the rear of the site. The proposed tree surgery works are outlined below.

2.0 EXISTING TREES

TL 14 - Alnus glutinosa (Common Alder)

(Subject to Tree Preservation Order No. TPO/BN/02/18 (Group 1) issued by Arun District Council)

- 2.1 Tall single stem alder tree line bunched together to form shelter belt along the southern boundary covered by *Tree Preservation Order TPO-BN-02-18*. The ground is slightly raised compared to the surrounding ground. A ditch is located immediately to the north running parallel with the tree line. The trees are planted in 3 to 4 no. rows between 1 – 2.0 m apart. The majority of the trees are leaning at significant angles due to the competition for light. There are intermittent Leyland Cypress trees planted along northern edge of the tree line. The overall condition of the tree line is considered to be fair and there are no significant signs of defects. The tree belt has a wide canopy spread due to its splayed nature.

Leyland Cypress Trees

- 2.2 Within the southern boundary tree line amongst the shelterbelt planting of alder trees there are a number of fallen and leaning Leyland Cypress trees. The fallen trees shall require removal adjacent to the existing footpath link along the southern edge of the site. The tree trunks of the lower Leyland Cypress trees are also very low and contain a significant amount of dead wood adjacent to the public footpath.

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Leyland Cypress Trees – Tree Surgery Works

- 2.3 *Tree Surgery Work* – the fallen and leaning Leyland Cypress trees are proposed to be removed. The lower canopy branches of the Leyland Cypress trees are proposed to be crown-lifted to 3.0 metres height. The outer northern canopy branches are proposed to be crown reduced by 1.0 metres adjacent to the southern edge of the proposed access road.

T 16 - Quercus robur - (Oak)

- 2.4 Young Oak located next to footpath edge and adjacent to a ditch. Ivy is present on the main stem. The tree has a decurrent regular form and generally in fair condition. The growth of the tree appears to be stunted which may be due to the proximity of the nearby ditch and TL 15. The oak tree is proposed to be retained and protected amongst the southern boundary tree line and the realigned pedestrian access footpath.

***TG 21 x Chamaecyparissus x leylandii
(Leyland Cypress Tree Group)***

- 2.5 2 no. Leyland Cypress trees adjacent to a young oak tree T 16 – Quercus robur amongst the southern boundary tree line of alder and leyland cypress are proposed to be removed. The trees are extremely thin and contain dead wood to the majority of the tree trunk. Only the very outer canopy edges have foliage and the very top of the trees. The trees are located within the footprint of the approved and proposed southern access road and realigned footpath and shall require removal in order to implement the access road. These trees have been shown as removed within the attached updated package.

*Lizard Landscape Design and Ecology
Joe Jackson (BA (Hons) LA DipLA CMLI)
Principal Landscape Architect
07th September 2021*

APPENDIX NO. 1 - SITE PHOTOGRAPHS



Photograph No. 01 - TG21 - x *Chamaecyparis* x *leylandii* - Leyland Cypress tree group to the southern site edge amongst the deciduous tree line of Alder.



Photograph No. 02 - T16 - *Quercus robur* - small oak tree adjacent to TG21 to be retained and protected adjacent to the southern footpath link.

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UPDATED TREE WORKS PACKAGE

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APPENDIX NO. 1 - SITE PHOTOGRAPHS



Photograph No. 03 - TG21 - x *Chamaecyparis* x *leylandii* - Leyland Cypress tree group to the southern site edge located within the approved and proposed footprint of the access road.



Photograph No. 04 - T16 - *Quercus robur* - small oak tree adjacent to TG21 to be retained and protected adjacent to the southern footpath link.

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APPENDIX NO. 1 - SITE PHOTOGRAPHS



Photograph No. 05 - TL14 - *Alnus glutinosa* - Common Alder tree line to the southern site edge covered by TPO BN/02/18 underplanted with leyland cypress trees.



Photograph No. 06 - TG21 - *x Chamaecyparissus x leylandii* - Leyland Cypress tree group to the southern site edge within the approved and proposed footprint of the access road.

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Photograph No. 07 - Footpath link from the south-eastern edge of the site. The canopy of the adjacent tree line overhangs the footpath in particular the bare tree trunks of the Leyland Cypress.



Photograph No. 08 - Footpath link from the south-eastern edge of the site area - leaning and fallen canopies of the underplanted Leyland Cypress trees looking westward.

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APPENDIX NO. 1 - SITE PHOTOGRAPHS



Photograph No. 09 - Footpath link from the south-eastern edge of the site area - low bare canopies of the underplanted Leyland Cypress trees looking westward.



Photograph No. 10 - Footpath link from the south-eastern edge of the site area - low bare canopies of the underplanted Leyland Cypress trees looking westward.

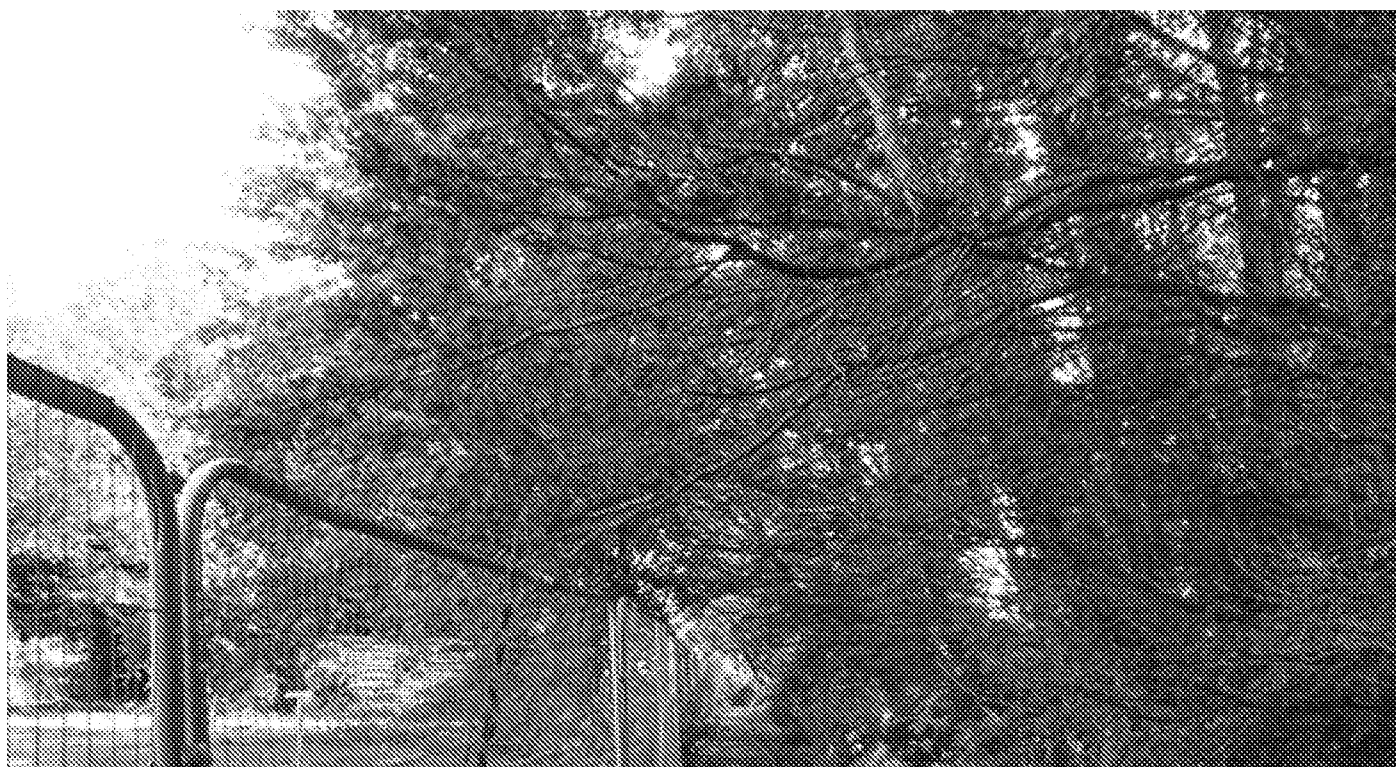
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APPENDIX NO. 1 - SITE PHOTOGRAPHS



Photograph No. 11 - Footpath link from the south-eastern edge of the site area - low bare canopies of the underplanted Leyland Cypress trees looking westward.



Photograph No. 12 - Footpath link from the south-eastern edge of the site area - low bare canopies of the underplanted Leyland Cypress trees looking back eastward.

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UPDATED TREE WORKS PACKAGE

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APPENDIX NO. 1 - SITE PHOTOGRAPHS



Photograph No. 13 - TL14 - *Alnus glutinosa* - Common Alder tree line to the southern site edge covered by TPO BN/02/18 underplanted with leyland cypress trees.