

Tree Work Schedule Various a ground clearance of 5m, to facilitate vehicle access over proposed track Partial removal of group - Fell tree to ground level T02 Common Ash Fell to ground level T03 Sycamore Fell to ground level Prune - Raise crown as required to give a ground clearance of 7m over the T04 Common Oak proposed structure location. Remove major (>25mm diameter and/ or longer than 2m) deadwood and hung up stem.

Prune - Raise crown as required to give T05 Common Oak a ground clearance of 5m, to facilitate vehicle access over proposed track All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations. All arising's are to be removed and the site is to be left as found. Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

Protective Fencing To be erected prior to the commencement of all works on site, and retained in place throughout construction. Default specification: To comprise either 2.4m wooden site hoarding; or a 2.3m high scaffolding framework comprising of vertical and horizontal framework, well braced to resist impacts, with uprights to be spaced at a maximum of 3.0m intervals and driven into the ground by a minimum of 600mm. On to this, standard anti-climb welded mesh panels are to

be securely fixed to each other with at least two scaffold clamps and to the scaffold framework with wire. Secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabilizer struts, which should should be attached to a

> **KEEP OUT** Do **not** move this fence

Tree Protection Area

(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS
AND/OR ARE THE SUBJECT OF A TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN

PERMISSION OF THE LOCAL PLANNING AUTHORITY

**Trunk Protection** 

Protective trunk Wrapping:
To be attached to the trunks of retained trees prior to the commencement of all works on site, and retained in place throughout construction. To comprise of a minimum of three wrappings of clean dry hessian around the trunk from ground level up to 2m above the proposed platform and held in place using sisal. Onto the hessian a minimum of three wraps of chestnut pailing and is to be held in place by 2.50mm mild steel galvanized wire in three locations and fixed into place using fencing staples fixed into the chestnut pailing.

The proposed no dig sub base will be installed to act as ground protection. If the proposed no dig sub base is not to be installed until later in the schedule of works, new temporary ground protection will be installed in the interim.

Ground protection

New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

Note The ground protection might comprise one of the following: a) for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane; b) for pedestrian-operated plant up to a gross weight of 2t, proprietary inter-linked ground protection boards placed on top of a compression-resistant layer(e.g.150mm depth of woodchip), laid onto a geotextile membrane;

weight, an alternative system (e.g. proprietary system or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected. For situations other than those described in a) or b), the ground boarding is to be designed by a suitably qualified person to an

engineering specification in conjunction with arboricultural advice, to be able to support the expected loading to be placed upon it. In all cases, the objective of the ground boarding is to avoid compaction

'No Dig' Surfacing

Multi-dimensional confinement system
Existing vegetation may be removed with hand tools or sprayed with an approved non residual herbicide such as 'Glyphosate'. The new hard

surfacing will be constructed using a 'No Dig' surfacing situated entirely above the existing soil surface and where needed using a proprietary cellular confinement system (GeoWeb or similar) laid over a bi-axel geo-grid (tensar TriAx or similar). Proir to this any small hollows on the surface may be filled with clean sharp sand (not builders sand) to a maximum depth of 150mm. The 'GeoWeb' is to be back filled by hand with a no-fines aggregate of 20mm - 30mm. The area of 'GeoWeb' will be covered with a permeable geotextile fabric and the finished wearing course laid on top. Edge supports of an appropriate size and strength should be set above ground level and secured with haunching or steel pins driven into the ground, the outer edge of the supports may be banked up with clean top soil.

NOTE: The use of a multi-dimensional confinement system will affect the finished level of the hard surfacing by raising the levels and needs to be taken into consideration when designing foundations and setting the finished floor levels of adjacent buildings.

Supervised Excavation -

Any roots that are to be cut will be cleanly severed by the project arboriculturist using a suitable hand saw or secateurs. The edge of all excavation closest to the retained trees will be covered over with damp hessian to prevent drying out, and where necessary be shuttered to prevent soil collapse or contamination by concrete. If appropriate soil beneath the depth of the excavation may be sheet piled, tegular piled or have individual piles installed.

(to be confirmed by the project arboriculturist), whether its is for proposed foundations, hard surfacing or underground services. The soil is to be loosened with the use of a fork or pick and or air-spade and then cleared with a shovel and or the aid of an air-spade and air-vac. Mechanical excavation: Excavation within the RPAs will consist of a mixture of mechanical and manual excavation. Where an excavator is used it will be fitted with a suitably sized toothless grading bucket; using a grading / scrapping motion rather than digging. During each motion the excavator will not be permitted to removing no more than 10 - 20mm deep of soil in any any one pass. If any roots are discovered, mechanical excavation will immediately be stopped and manual excavation will take over to expose the root. Upon

excavations can then continue. Any excavator or other machinery that is to be used will be situated outside of the RPAs of all retained trees or on top of a suitable ground Where an excavator or any other machinery is to be used within RPAs or beneath canopies the project arboriculturist will clearly instruct the operator about what they want and expect to happen prior to any works

Arboricultural Supervision The arboricultural consultant will be required to attend site to directly

undertaken within the root protection areas. This will include: Pre-commencement site meeting. Location of protective measures. Supervised excavation of foundations (both structure and decking) Installation 'No Dig' hard surfacing within and immediately adjacent to the RPAs of retained trees. Any excavations within and immediately adjacent to RPAs,

including foundations, hard surfacing, or underground services. Removal of protective measures and sign off. **Arboricultural Method Statement** 

Please refer to Arbtech Consulting Ltd. Tree Schedule and Arboricultural Method Statement, for full details on all surveyed trees and how all aspects of the the development maybe implemented without determent to retained trees.

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Laverick Cottage and the Bothy,

Blue Forest on Behalf of Mr and Mrs Middleton

Tree Protection Plan Based on:

1044 - 090 - C Drawing No: Arbtech TPP 01

March 2023 1:200 @ A0 CMW

Trees to be T02

Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies the base drawing in which this plan is based.

This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of This drawing is sergified to close the principles of the agree of the agreement of the retained tree is a control of the red as a definitive part of the engineering or construction designs or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground

awing was produced in colour - a monochrome copy should not be relied upon.