
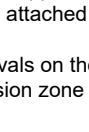






<h2>Protective Fencing</h2> <p>To be erected prior to the commencement of all works on site, and retained in place throughout construction.</p> <p>Default Specification: To comprise either 2.4m wooden stile hoarding, or 2.3m high scaffolding framework comprising of vertical and horizontal members, with bracing and cross bracing, with uprights to be spaced at a maximum of 3.0m intervals and driven into the ground by a minimum of 600mm. On top, this standard anti-climb welded mesh panels are to be securely fixed to each post with at least two scaffold clamps and to the scaffold framework with wire.</p> <p>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-laminate 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 base plate and secured with ground pins.</p> <p>All weather protection should be erected at regular intervals on the weld mesh panels with words such as "Construction exclusion zone - Keep out".</p>	
<h2>Tree Protection Area</h2> <h1>KEEP OUT</h1> <p>Do <u>not</u> move this fence</p> <p>(TOWN & COUNTRY PLANNING ACT 1990) TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY LEGISLATION. ANY REMOVAL OR DAMAGE TO A TREE OR TREE PRESERVATION ORDER, CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION.</p> <p>ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY</p> <p>ARBTECH Unit 1, 100 West Road, Crawley, West Sussex, BN11 3AB Tel: 01293 561111</p>	
<h2>Ground boarding</h2> <p>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.</p> <p>Note: The ground protection might comprise one of the following:</p> <ul style="list-style-type: none">For pedestrian movements only, a single thickness of scaffold boards placed on top of a driven scaffold frame, or to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm deep of woodchip), laid onto a geotextile membrane;For pedestrian-operated plant up to a gross weight of 2t, proprietary inter-linked grid systems (e.g. proprietary system or pre-cast compression-resistant layers) (e.g. 150mm deep of woodchip), laid onto a geotextile membrane;For wheeled or tracked construction traffic exceeding 2 t gross 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.	
<h2>Supervised Excavation</h2> <p>Excavation adjacent to RPAs are to be undertaken under direct on-site arboricultural supervision. Excavation will consist of a mixture of mechanical and manual excavation.</p> <p>Initial excavation will be undertaken by hand under to a minimum of 200mm deep of any excavation, the soil is to be loosened with the use of any pick or fork or similar tool with the aid of an air-spade, air-vac or shovel. There after excavation can be undertaken using an excavator with a suitably sized toothless grading bucket using a grading mottol rather than digging and taking more than 10 - 20mm deep swipes at any time, if any roots are discovered mechanical excavation will be stopped immediately and manual excavation will resume to expose the root. All roots to be cut will be cleanly severed with the use of a hand saw or secateurs. The edge of the excavation closest to the related trees will be undertaken using hand tools such as a fork to loosen the material and necessary be shuttered to prevent soil collapse or contamination by concrete. If appropriate soil beneath the depth 600mm may be sheet piled, light graded or individual piles. Any deeper excavations may be undertaken by a machine provided it works from outside of the RPA or has appropriate ground protection in place to move and work upon.</p>	
<h2>Hard Surfacing Removal</h2> <p>Removal of and/or replacement of hard surfacing situated either partially or completely within the RPAs of retained trees shall be undertaken with care and under the direct on-site arboricultural supervision as any roots areas are likely to contain roots.</p> <p>Where this is necessary the wearing course will be broken up using a hand held pneumatic breaker, hand tools and a wheel barrow to break up and remove the surfacing. If it is necessary to remove the sub base this is to be undertaken using hand tools such as a fork to loosen the material and removed using shovels and wheels barrows.</p> <p>In some situations and at the discretion of the arborist it may be possible to use an excavator using a hydraulic breaker and suitably sized toothless grading bucket. If an excavator is to be used it must be situated outside of the RPAs, on top of the hard surfacing working away from the RPAs or on ground boarding.</p> <p>Which ever system is used this is to be no disturbance of the soil beneath. If roots are found they are to be covered over with damp hessian and a layer of either sharp sand, wood chip or top soil to prevent desiccation.</p>	
<h2>'No Dig' Surfacing</h2> <p>Multi-dimensional confinement system</p> <p>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-axial geotextile (tensar triAx or similar). Prior 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.</p>	
<h2>Arboricultural Supervision</h2> <p>The arboricultural consultant will be required to attend site to directly supervise all excavation and construction works that have to be undertaken within the root protection areas. This will include:</p> <ol style="list-style-type: none">1. Pre start meeting.2. Location of protective measures.3. Supervised demolition of hard surfacing, kerb edging and foundations etc. within RPAs of trees nos. 2 & 3.4. Installation of 'No Dig' hard vehicular surfacing within the RPAs of trees nos. 2 & 3.5. Installation of 'No Dig' hard pedestrian surfacing within the RPAs of trees 2, 3 & 6, 3 & G3.6. Any excavations with or adjacent to RPAs, including foundations, hard surfacing and/or other services.7. Removal of protective measures.	
<h2>Arboricultural Method Statement</h2> <p>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 development may be implemented without the removal of retained trees.</p>	