

Tree Canapy Radius

Tree Protection Area

TPO TREE
COMMENT OAK
T1

Protection Barreir

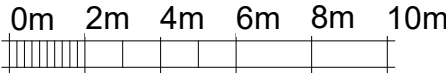
Protection Barreir

ACCESS

Ground protection: (marked in blue hash)
The existing hard surface will be retained to act as ground protection within the RPAs of retained trees for the duration of the development. If removed this should done under direct arboricultural supervision and replaced with temporary ground boarding.

TREE PROTECTION PLAN

1 : 100



VISUAL SCALE 1:200 @ A3

136

134

Tree Notes

- The tree is plotted according to a measured survey carried out by the author.
- The survey was carried out in accordance with British Standard 5837:2012 'Trees in relation to design, demolition and construction - Recommendations' (BS5837:2012).
- The survey was carried out from ground level using visual techniques only. No trees were climbed or internally investigated. Should a more detailed inspection be considered necessary then this should be requested.
- works recommended on the trees are based on the current context of the site, as is required by 6S5837:2012. They are not works required as a result of any proposed development.

The details of the individual tree are provided on the Arboricultural statement. The tree constraints have been calculated and are illustrated in accordance with BS5837:2012.

Tree Protection Plan

Tree Works

- Before any demolition or construction works commence, and before any demolition and construction vehicles, equipment and materials are delivered to site, the following tree works will be carried out.
- Tree no. T1 – proposed cut back growth overhanging the drive access, to be confirmed by local authority tree officer as part of this planning application.
- All tree works will be carried out in accordance with 6S3998:2010.
- All tree works will be carried out in such a way that no harm is caused to trees to be retained.
- All arisings will be disposed of in an approved manner and off site unless otherwise instructed by the client or site manager.

Ground Protection:

The existing hard surfacing located within the RPAs should be retained for the duration of the project. If this is removed, it will be done so under direct arboricultural supervision and replaced with suitable ground protection, capable of withstanding the likely loading for the site. 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:

- 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;
- 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;
- 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.

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 of the soil beneath, so that tree root function remains unimpaired.

- After the tree works are completed, and before any demolition or construction works commence, and before any demolition and construction vehicles, equipment and materials are delivered to site, the tree protection barrier will be erected at the positions shown in this plan, and will comply with the illustration to the left.
- The barrier will have an A3 size informative/warning notice attached on the construction site side, at approximately 1.6 metres above ground level, and at no more than 6 metre intervals. An example of a suitable notice follows this plan.
 - No construction access whatsoever will be permitted in the construction exclusion zones formed by the tree protection barriers.
 - The tree protection barriers will be retained in place and intact until all demolition and construction activities have been completed and all demolition and construction materials, equipment and vehicles have been removed from the site.

When any large and/or tall and/or jibbed vehicles/equipment are operating or manoeuvring close to the crowns of trees to be retained, a specific banksperson will be appointed to supervise the movement and ensure that no damage is caused to the crowns of these trees through impact.

All activities usually carried out in the compound area, e.g. the storage of all materials and equipment (especially liquid materials), the mixing of concrete and mortar, the sitting of rest cabins and the site office etc., will take place outside the construction exclusion zones created by the tree protection barriers.

Any facilities for the storage of oils, fuels or chemicals shall be sited at least 5 metres outside the tree protection barriers, on impervious bases and surrounded by impervious bund walls. The volume of the bund compound shall be at least equivalent to the capacity of the tank plus 10%. If there is a multiple tankage, the compound shall be at least equivalent to the capacity of the largest tank, or the combined capacity of interconnected tanks, plus 10%. All filling points, vents, gauges and sight glasses shall be located within the bund. The drainage system of the bund shall be sealed with no discharge to any watercourse, land or underground strata. Associated pipe-work shall be located above ground and protected from accidental damage. All filling points and tank overflow pipe outlets shall be detailed to discharge downwards into the bund. All underground services will be carefully routed so as to avoid crossing the RPA of all the retained trees.

No fires will be permitted within on site.

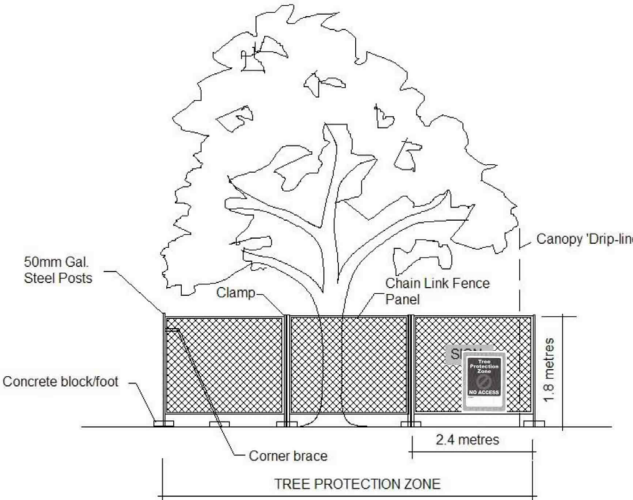


Figure 1 – Detail of Tree Protection Fence



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Scale is correct when printed to the stated ISO size. Figured dimensions are to be used in preference to scaled sizes and all dimensions must be checked on site by the contractor before ordering materials and or commencing work. All dimensions in mm (millimetres) unless otherwise stated. The contractor is to ensure the works are inspected and completed to the satisfaction of the local authority. Compliance with building regulations or a party wall award / agreement is not to be assumed.

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Under the construction (design and management) regulations 2015 (CDM2015) all design work for both domestic and commercial development(s) are to conform to those regulations. E&EO.

Mr & Mrs Robinson

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PROPOSED TREE PROTECTION PLAN

Project number	0293.1	P004
Date	GAT02/08/2022	
Drawn by	JJ	
Status	Planning	
Scale 100% @ A3		1 : 100