

Ground Protection beneath T1
(alternative to barriers if required)



This table defines the definition and construction of the ground protection measures in accordance with BS5837:2012.

Barriers and Tree Protection

Barriers should be installed or the ground be protected by barriers and/or ground protection prior to any any machine or machinery being brought onto site and before any construction, development, or siting of any structure.

Where an existing barrier is to be retained, the barrier should be inspected to ensure it is in good condition and capable of supporting the intended load. Where a new barrier is to be installed, it should be constructed in accordance with the following:

- Barriers should be constructed from a material that is durable and capable of supporting the intended load.
- Barriers should be installed in a way that they do not obstruct access to the site.
- Barriers should be installed in a way that they do not obstruct access to the site.

Barriers

Barriers should be installed for the purpose of protecting the ground and the trees and the ground protection measures from any machine or machinery being brought onto site and before any construction, development, or siting of any structure.

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GROUND PROTECTION DURING DEMOLITION AND CONSTRUCTION

Employed to avoid soil compaction around trees roots, especially within wet.

When construction works are in progress, ground protection should be installed within the RPA. It should be installed by a sub-contractor in the RPA of the tree protection barrier. Suitable existing ground protection should be retained as part of a retained design should be retained to act as temporary ground protection during construction, when using tracked equipment, and should be removed and replaced with a permanent ground protection measure when the construction is complete. Suitable existing ground protection should be retained as part of a retained design should be retained to act as temporary ground protection during construction, when using tracked equipment, and should be removed and replaced with a permanent ground protection measure when the construction is complete.

Where the use of the tree protection barrier would expose nearby ground to construction damage, a temporary ground protection should be installed as part of the implementation of the ground protection prior to starting on site. Temporary ground protection should be capable of supporting any loads arising from the construction work and should be installed in a way that it does not obstruct access to the site.

CONSTRUCTION EXCLUSION ZONE - NO ACCESS

Employed to avoid soil compaction around trees roots, especially within wet.

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PERMANENT PROTECTION TO TREE STEM OF T1 T4/T5 T6/T7

A detail of the permanent protection to the tree stem of T1 T4/T5 T6/T7.

Shore ends to be fixed into the ground with excavated area between tree roots (fill piling with pea ball or a mesh similar scale). Shore at excavated plants to be re-used in attached areas and cover rocks - keep well retained until planting.

KEY

- Existing trees
- Trees to be retained
- Root Protection (RPA) (BS5837)
- Protective Fencing (BS5837)
- Permissible excavation of T8
- Trench
- Existing Shrubs
- New standard 1.8m high metal mesh barrier
- Close boarded fence with 1.8m H (BS5837)
- Existing fence to be retained (1.8m H)
- Shed with gravel surround
- Ground compaction of barrier conflict construction BS
- Paving to 2 plots
- 200x100x400mm railway sleepers 1 protect tree from construction
- Site compound

3 Southdown Road

Project: 1:0222 50000 N- E www.dgch

Client: Burrell Architects

Drawing Title: Tree Protection Plan

Proposed: Planning

Drawn By: Tudor Thomas

Date: 20-May-201

Scale: 1:100 @ A1