



Notes:

BS5837 Tree Retention Categories

CATEGORY A Trees of a high quality with an estimated remaining life expectancy of at least 40 years	CATEGORY B Trees of a moderate quality with an estimated remaining life expectancy of at least 20 years
CATEGORY C Trees of a low quality with an estimated remaining life expectancy of at least 10 years	CATEGORY U Trees of poor condition that cannot be realistically retained as living trees in the context of the current land use for longer than 10 years

ROOT PROTECTION AREA
Precautionary areas - soil structure must be protected.

TREE PROTECTION FENCING (TYPE 1)
TREE PROTECTION FENCING (TYPE 2)

GROUND PROTECTION

CONSTRUCTION EXCLUSION ZONE

TREES / GROUPS TO REMOVE PRIOR TO DEVELOPMENT COMMENCING

The Warning sign below is to be attached to the Tree protective fencing once erected

TREE PROTECTION AREA

KEEP OUT!

TREE PROTECTION FENCING (TPF)

TYPE 1

Secondary Specification: Protective fencing shall consist of a heavy fencing framework in accordance with figure 3 of BS5837 (2012), comprising 2m tall welded mesh (heavy fencing panels) on rubber or concrete feet. The weldment panels shall be securely fixed and joined together using a minimum of two anti-rattle couplers, installed so that they can only be removed from outside the fence. The distance between the fence couplers shall be of at least 1m and shall be uniform throughout the fence. The panels shall be supported on the inner side by stabiliser studs, attached to a base plate, secured with ground pins.

TYPE 2

Orange Plastic Barrier Mesh: Protective fencing shall consist of orange plastic barrier mesh supported in a series of food pins separated by no more than 1.5 meters.

GROUND PROTECTION

For pedestrian and vehicle weights up to 2000KG within the RPA the installation of ground protection shall be in the form of a single thickness of scaffold boards or ply boards on top of a compressible layer of woodchip (100-200mm deep) laid onto a geotextile, or supported by scaffold. For heavier traffic or proprietary systems such as GreenGrid, GroundGuard (heavy duty plastic ground protection mats clipped together) laid above 150mm deep layer of compressible woodchip. Or pre-cast reinforced concrete slabs. No storage or mixing of potentially hazardous materials within these areas, such as diesel fueling or cement mixing (unless specific precautions have been made that prevents runoff / contamination into the ground from any spillage).

SOIL & Roots

General Site precautions

The following points will be observed at all times:

- No mechanical digging or scraping is allowed within defined RPAs.
- No fires to be lit on site.
- No access permitted inside the CEZ or TPE.
- No materials, equipment or debris to be stored within the CEZ or RPAs of retained trees.
- Notice boards, telephone cables or other services will not be attached to retained trees.
- Materials that may contaminate the soil (cement mixer, fuel, vehicle washings) will not be permitted to operate or allow run off into the RPA of retained trees or soils.
- Site operations will avoid damage to the aerial part of the tree.

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TITLE: Tree Protection Plan

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