

Arboricultural Method Statement

This report is a working document to aid in finalising an effective specification for tree-sensitive operations. It must be retained on site and be available to the site manager/foreman as a reference during construction.

The details in this method statement may include work to protected trees, consent for which is deemed to be granted if it is approved as part of a planning decision.

Failure to comply with the details in this arboricultural method statement could result in enforcement action being taken by the local planning authority.

Phasing of Arboricultural Operations

1. Excavate foundations of approved tank and pump house.
2. Excavate connections on underground pipes to service the tank and pump house.
3. Construct approved scheme.
4. Carry out tree work.

Tree Surgery

The following works to trees are necessary:

- T2 - English oak. Prune overhanging branches to give a clearance of 2m from the new tank.
- T3g - Hornbeam. Prune overhanging branches back to the fence line.
- T4 - London plane. Fell to ground level.

The legal Duty of Care requires that all works specified in this report should be carried out by qualified, arboricultural contractors working according to Health & Safety Executive guidelines. All work must be carried out to arboricultural industry best practice and in accordance with BS 3998:2010 'Tree work - Recommendations'. All tree management work must take account of the Wildlife and Countryside Act, 1981, as amended by the Countryside and Rights of Way Act 2000, and the Conservation of Habitats and Species Regulations 2017. This legislation makes it a criminal offence to disturb the nests and to injure or kill nesting birds or bats.

Tree Protection Fencing

The existing fence provides effective protection that complies with British Standard 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'. No further fencing is required for this scheme.

General Construction Management

There must be no changes to soil levels within tree root protection areas.

Fires must not be set within 12m of the canopy of any tree on the site.

Cement mixing must be carried out only where there is no significant risk of contamination of tree root systems. No cement mixing is allowed within 10m of trees to be retained. If cement mixing is unavoidable within 10m of any retained tree it must be contained in a bunded area, as illustrated below.

Cranes must only be used where there is no possibility of them damaging overhanging branches.

Underground Services

Excavations for underground services must be carried out in a way that avoids significant damage to tree root systems. At the time of planning this installation work the project arboriculturist must be consulted.

Surface water drains and soakaways must be located outside tree root protection areas to avoid damage to roots during excavation. Suitable locations for new soakaways and a suggested route for new services are shown on the plan.

Deep service runs must be installed using trenchless insertion methods, such as moling, with entry and retrieval pits being located outside of tree root protection areas. This will reduce the likelihood of the mole encountering significant tree roots. Shallow service runs required within any tree root protection area must be dug using the guidance provided by National Joint Utilities Group Volume 4 'Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees'.

PROHIBITED ZONE - 1m from trunk.

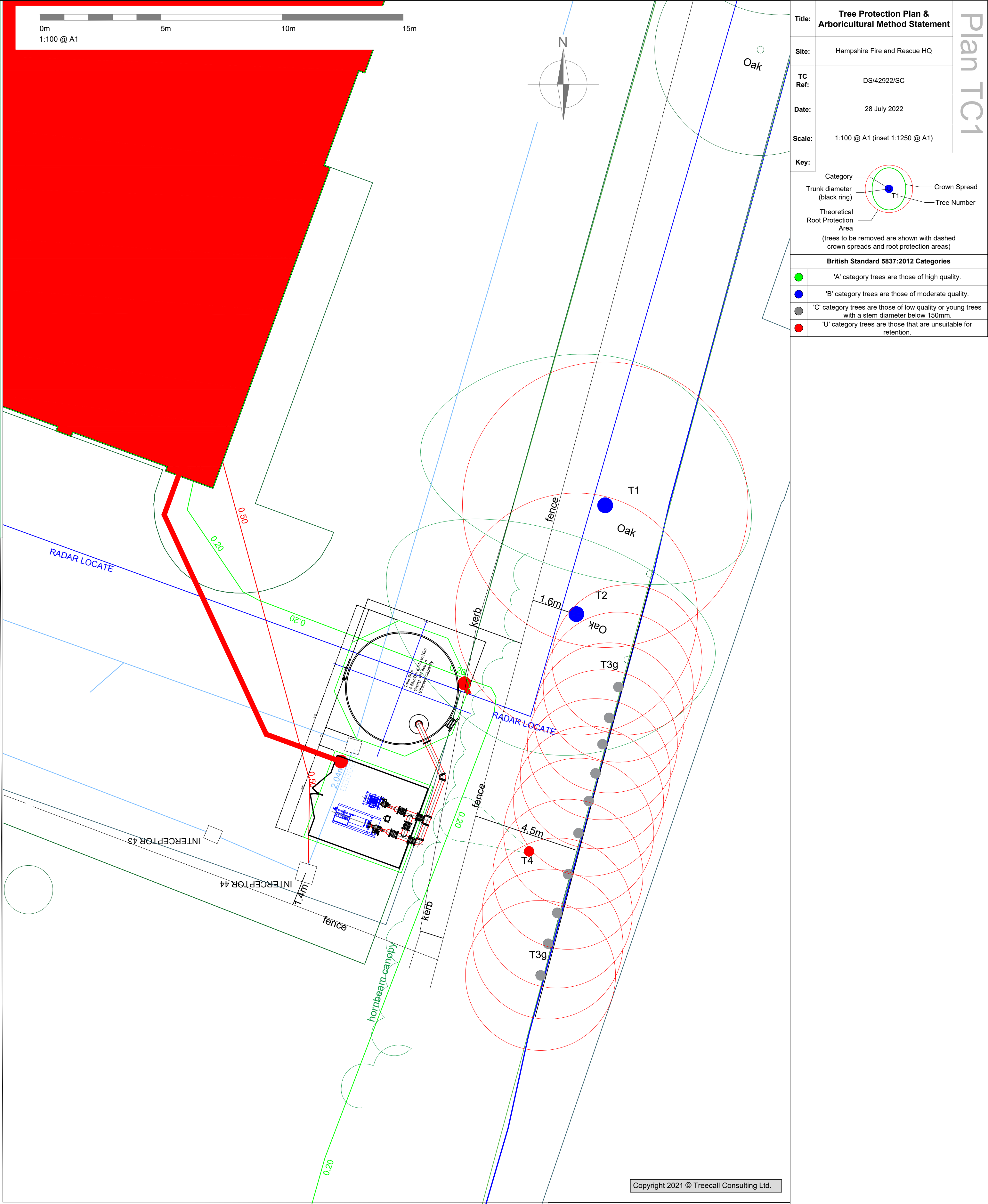
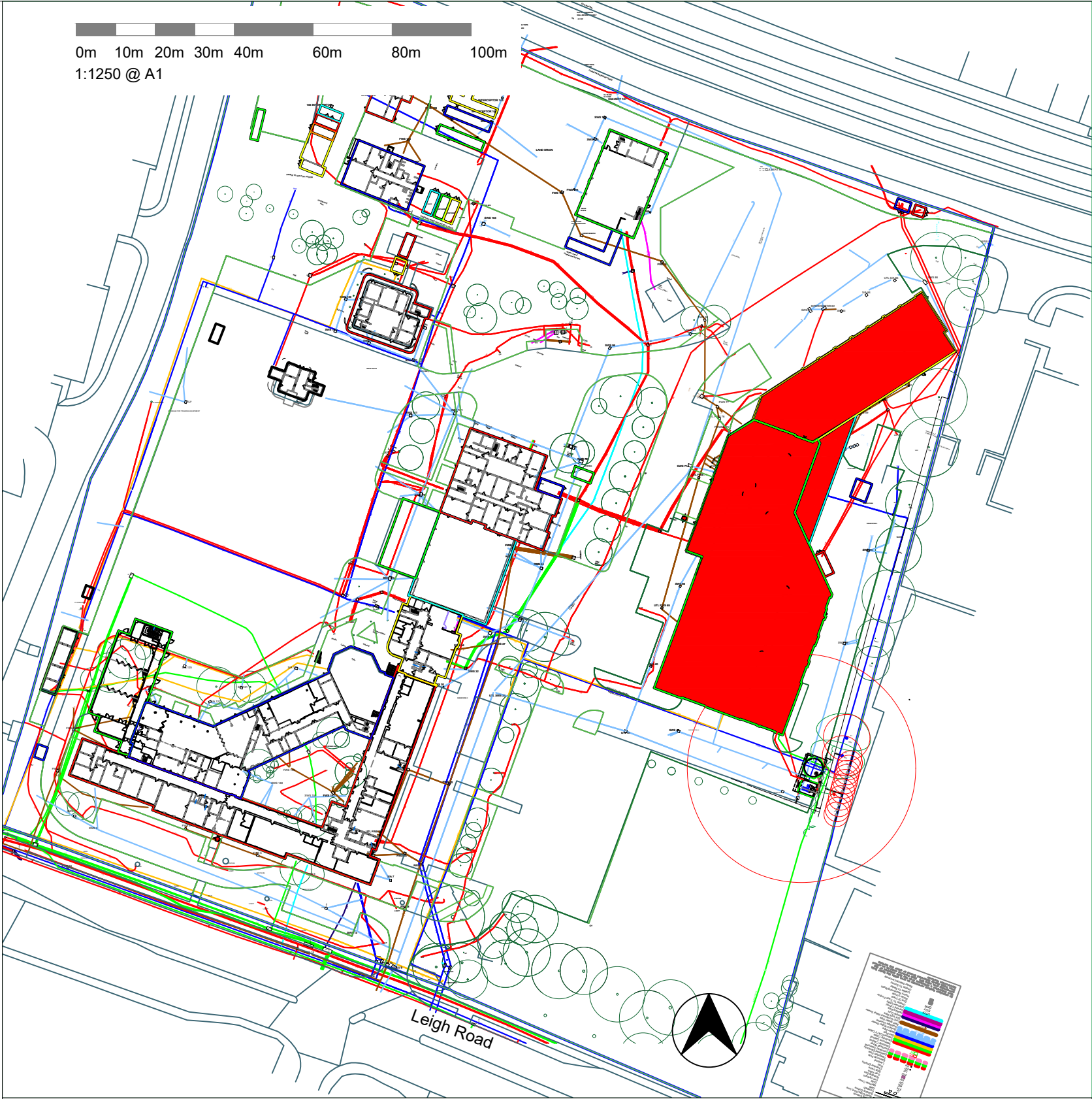
Excavations of any kind must not be undertaken within this zone unless full consultation with Local Authority Tree Officer is undertaken. Materials, plant and spoil must not be stored within this zone.

PRECAUTIONARY ZONE - 4 x tree circumference.

Where excavations must be undertaken within this zone the use of mechanical excavation plant should be prohibited. Precautions should be undertaken to protect any exposed roots. Materials, plant and spoil should not be stored within this zone. Consult with local authority tree officer if in any doubt.

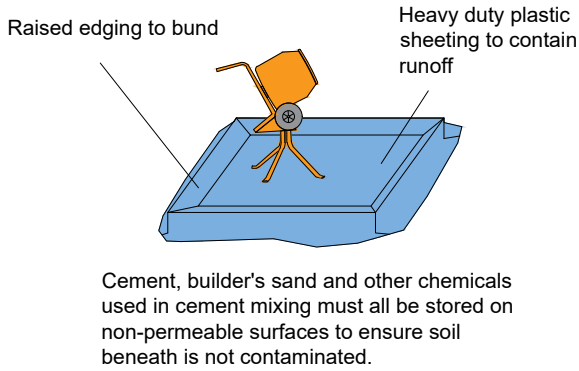
PERMITTED ZONE - outside of precautionary zone.

Excavation works may be undertaken within this zone however caution must be applied and the use of mechanical plant limited. Any exposed roots should be protected.



Copyright 2021 © Treecall Consulting Ltd.

Illustration of bunded cement mixing area



Title:	Tree Protection Plan & Arboricultural Method Statement
Site:	Hampshire Fire and Rescue HQ
TC Ref:	DS/42922/SC
Date:	28 July 2022
Scale:	1:100 @ A1 (inset 1:1250 @ A1)
Key:	Category Trunk diameter (black ring) Theoretical Root Protection Area (trees to be removed are shown with dashed crown spreads and root protection areas) T1 Crown Spread Tree Number

British Standard 5837:2012 Categories	
●	'A' category trees are those of high quality.
●	'B' category trees are those of moderate quality.
●	'C' category trees are those of low quality or young trees with a stem diameter below 150mm
●	'U' category trees are those that are unsuitable for retention.

Limitations of Use

This plan is based on the topographical and site layout plans provided. All measurements must be checked with these plans and appropriate documents.

This plan has been prepared in colour. If printed in black and white some details may be obscured.

22 Lacey Crescent
Poole BH15 3NZ
T: 01202 462602
E: info@treecall.co.uk
W: www.treecall.co.uk

