



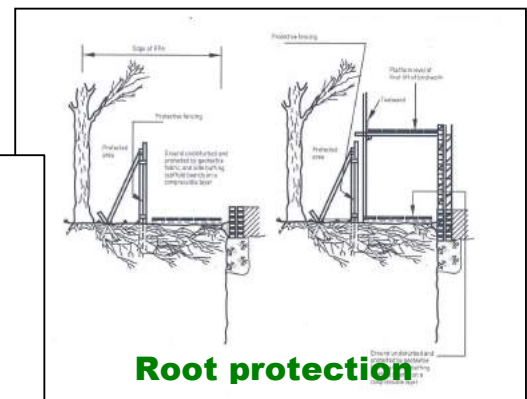
**TreeRadar:
Informed root
assessments**

**Tree
constraints
plans**



PBA Consulting's services include:-

- Pre-development advice.
- Production of Tree Constraints Plans
- Arboricultural Implication Assessments (AIAs)
- Informed advice on Root Protection Areas (RPA) and Tree Protection Plans (TPP).
- Arboricultural Method Statements (AMSs).
- Advice on ground protection and planting of new trees.



Root protection

Land and treescape management solutions.



TREE SURVEYS: BS5837

Trees and Construction



A tree survey, in accord with BS5837: *Trees in Relation to Construction* is normally required by Planning Authorities on development sites where trees are present,

BS5837 standard provides guidance on

- Which trees are appropriate for retention
- How to protect trees during construction/demolition work.
- Incorporating trees into the developed landscape.

The Tree Survey and Report

The key requirements of BS5837 are:-

- The tree survey and report should be prepared by an arboriculturalist.
- Before detailed plans are submitted for planning approval the tree survey should be completed and an arboricultural implications assessment prepared and agreed.
- The Arboricultural Implications Assessment should form the basis for developing tree and root protection areas and exclusion zones, defining the location of barriers and other protection measures.
- Details of the protection areas should be clearly marked on site plans and arboricultural method statements prepared to guide building site staff.

Know your tree terms: BS5837 uses the following terms:-

Arboricultural Implications Assessment (AIA) – An assessment determined by the quality of trees to be retained (or removed) and which may impact on the proposed design layout.

Arboricultural Method Statement (AMS) – the methodology for construction processes adjacent to trees and designed to minimise impact on trees.

Root Protection Area (RPA) – exclusion zone to ensure construction and underground services etc do not interfere with tree roots etc

Tree Protection Plan (TPP) – a plan prepared by an arboriculturist detailing how retained trees will be protected during the construction process.

Ground Protection – protecting the ground to ensure the root zones of trees, plants, shrubs etc are not compromised

Land and treescape management solutions.

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