

'No Dig' Surfacing

Proposed hard surfacing within the RPAs of retained trees is to be designed so that it can be situated above the existing soil level and to minimise any adverse impact upon the tree RPAs, as the use of traditional foundations can result in excessive root loss through direct removal of roots during excavation and by compaction of the soil beneath the excavation, as such this 'traditional' type of foundation should be avoided.

Possible sub-bases (foundations systems) for hard surfacing situated within the RPAs of retained trees could include:

- An engineered solution is likely require a level of excavation for site specific investigations to locate roots to aid in foundation design so that a suitable foundation can be designed to avoid roots and for the installation the structure.

Boundary fences

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All posts within the RPAs of retained trees are to be excavated manually, using handheld tools (spade, shovel, rabbiting spade, post hole digger). No mechanised equipment (handheld or plant mounted

Timber walkway

Utility apparatus

Utility apparatus

Where underground apparatus is to pass within the RPAs, detailed plans showing the proposed route should be drawn up in conjunction with the project arboriculturist. In such cases trenchless insertion methods should be used with entry and retrieval pits being located outside of the RPAs. If this option is not feasible and providing roots can be retained, protected excavations should be undertaken using hand held tools (air-spade, forks, shovels) or a combination of trenchless and manual excavation (broken trench).

current and future crown size of the tree should be assessed. Tree branches can be pruned back with care to provide space, though it is not appropriate for repetitive and significant tree work to be an initial design solution unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS3998:2010



Arboricultural Impacts

Arboricultural Impacts - RPAs

Arboricultural Impacts - RPAs

Tree Work Schedule

Tree Work Schedule

BS 3998:2010 Tree work - Recommendations.
All arising's are to be removed and the site is to be left as found.
Care is to be taken of the ground around retained trees to make sure

No. of individual trees to be removed

No. of groups / hedges to be removed[illegible]

Arboricultural Method Statement