



Underground utility roots present

Where the installation of underground apparatus and drainage serves any apparatus and can change the local hydrology in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the root and methods of installation of underground apparatus and drainage. Where possible, the route should be outside of RPAs. Where this is not possible, it is preferable to keep apparatus together in common ducts, all inspection chambers should be sealed and the route should be as close to the surface as possible.

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 and the route should be kept as far as possible outside of the RPAs. If this option is not feasible and providing roots can be retained and protected excavations should be undertaken using hand tools and the trench should be backfilled with a combination of trenchless and manual excavation (broken trench).

Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).

Above and utility apparatus

Above-ground apparatus (including CCTV cameras and lighting) should be sited to avoid the need for detrimental tree pruning, as such the current position of the tree should be noted and the position of the tree branches can be pruned back to canopy to provide space, though it is not appropriate for repetitive and significant tree work to be an integral design solution unless this is a suitable management outcome for the tree. Pruning should be undertaken in accordance with BS5399:2010

