

The nearest building on the indicative site plan from the centre of the tree is 9.5m which is outside the tree protection zone.

A proposed dwelling driveway is party inside of the calculated root protection area. Site services & drainage should be located outside of the root protection area.

A tree root protection construction is to be utilised on the driveway within the tree root protection area. The panels help to distribute the weight of the vehicles passing over the tree roots. Care is to be taken when installing the root protection components which may require hand dig depending on the depth of the tree roots uncounted.

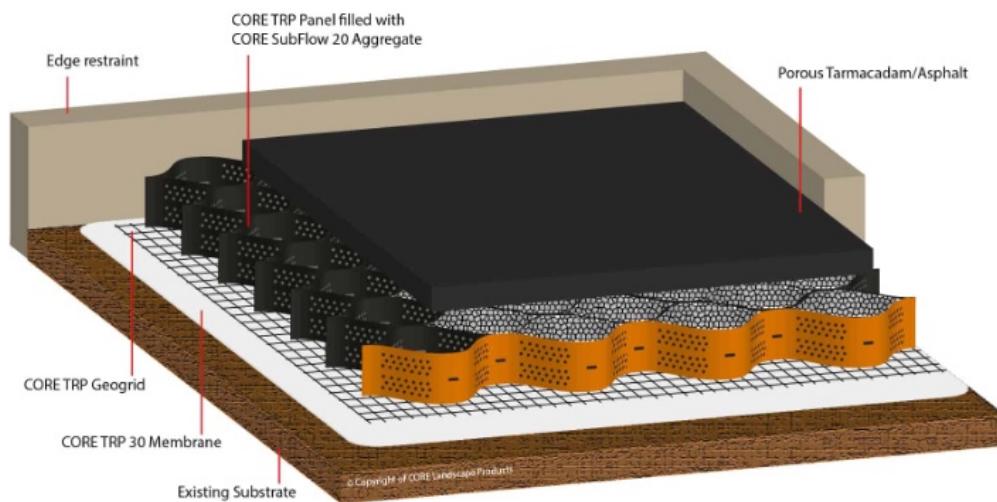
By using SUDS compliant materials, such as the CORE SubFlow 20 to fill the Tree Root Protection panels and a porous wearing course the surface water is able infiltrate back through the wearing course and sub-base into the subsoil to keep the trees hydrated and healthy.

This diagrams below show the typical construction of an access road. By using a CORE Tree Root Protection system, there is minimal impact on any surrounding trees as the panels help to distribute the weight of the vehicles passing over the tree roots.

CORE TREE ROOT PROTECTION

APN12 Compliant Tree Root Protection Construction

POROUS MACADAM / ASPHALT



Precautions

Temporary tree protection barriers should be established around the tree. These barriers must be robust enough to withstand impacts from machinery and plant that will operate close to them.

I recommend that a wooden crate that is approximately 1.5m square and 2.5m high should be constructed around the trunks of the trees before development commences. These should remain in place until development is completed.

Existing soil protection

The ground within the RPAs of retained trees should be protected throughout the project from compaction and contamination.

I recommend that vehicles that will be utilised to construct the driveway should be tracked and weigh no more than 3.5 tonnes.

I recommend that suitable members of the project team, including the main contractor and arboricultural consultant, should prepare a definitive Tree Protection Plan showing the locations of temporary tree protection measures to be installed during the construction phase and prepare a method statement for their installation and removal.

The following general precautions should ensure the health and longevity of the tree. They should be enforced within their RPAs and under their canopies during the construction phase and in locations where new trees will be established unless the soil will be suitably remediated.

- ● No storing materials, equipment, plant or fuel.
- ● No refuelling mechanical equipment.
- ● No storing or mixing cement.
- ● No washing cement mixers within the RPA.
- ● No bonfires within 10m of the outer edge of the crown or RPA.
- ● No redirection of surface water runoff, either into or out of the RPA.
- ● No temporary buildings, sheds, or offices
- ● No dumping or storing materials or waste, whether in a skip or on the ground.
- ● No vehicles and plant unless the soil is suitably protected as recommended
- ● Only operate or park vehicles and plant in areas where new trees will be established after the soil is suitably protected,