Refer project documentation for tree species. Refer Note 1

Install short length of #100 HDPE perforated pipe to provide separation between tree and compacted gravel. Cut pipe longitudinally to allow for tree growth.

Imported backfill soil to conform with AS4419 and as advised by arborist

Subsoil drainage clean out #100 PVC pipe (non-slotted) with top capped and secured with screws refer Note 3

Geofabric between structural soil and compacted gravel layers

Porous paving and compacted gravel refer Note 2

Street kerb and channel

300x300 subsoil drainage trench all wrapped in geofabric connecting tree pits to stormwater outlet. Refer standard drawing RS-140 for gravel specification

NOTES:
1. Minimum initial tree size shall be 200 litres.
2. Porous paving minimum 70mm deep on 100mm porous road base, hand compacted. Allow 100mm clearance around tree, void filled with loose stone to match porous paving. Growth rings to be installed at 200mm and 300mm radius from tree. Ensure porous paving is installed flush with surrounding footpath. Refer project documentation for colour treatment.
3. Where trees are arranged in sequence provide subsoil drainage clean out at every fifth tree.
4. Geofabrics to be bidum or approved equivalent.
5. Designer to consider sight lines when selecting an appropriate street tree.
6. Tree pit to be installed to full depth and width where possible.
7. Ensure services have been located prior to excavation. Consult with service providers if tree location conflicts with service.
8. Where possible incorporate WSUD detail to capture street water. Refer to IPWEA standard drawing DS-077.
9. If specified in project drawings, modular soil cell system is to provide at least 90% free soil volume with positive vertical and lateral interlocks. Installed as per manufacturer's instructions. Extent of required area depends on tree species and local conditions and constraints.