

Tree Pit Detail within Rain Garden-
Refer to ALP Details for drainage details
on rain gardens

Inspection chamber to allow for
routine maintenance of tree pit rain
garden outfall

CARRIAGEWAY

75mm stone mulch in 1.4m square (to provide
2m²) from tree trunk. Mulch to be 14-20mm
clean stone, grey in colour. Mulch is to be
tapered to 20mm towards the trunk so the
flaring base is not buried.

FOOTWAY/CYCLEWAY

0 2m

Flush kerb to
allow surface
water run off into
rain garden - For
kerb and edging
detail refer to ALP
engineering
drawings and
details

Soil rooting volume (indicative extent). Topsoil
and subsoil to extend the full length and width of
the required soil rooting volume for each tree.

Ornamental shrub and
herbaceous planting within verge
to comprise mix of species to
provide floristic diversity,
seasonal interest, and visual
amenity.
Note - species to be grouped as
per detailed planting plan without
man-made grids of species.
Density and pot size to be
dependent of verge size and
location. All drainage features
including grills and grates to be
avoided.
Indicative species include:
-Aster frikartii 'Monch', Bergenia
cordifolia, Geranium Rozanne, Iris
sibirica, Liatris spicata 'Kobold',
Panicum virgatum 'Shenandoah',
Persicaria affinis 'Darjeeling Red',
Rudbeckia 'Goldsturm',
Sanguisorba officinalis 'Pink
Tanna', Sesleria autumnalis

Note:

To be read in accordance with engineering
proposals. Proposed trees to be specified in
accordance with available soil volume, and
soil specification.

FOR PLANNING ONLY

Proposed tree (to be staked, with 3 no.
75mm diameter untreated pointed
tree stakes with hessian natural ties
(with ties used to form spacers) for
Extra Heavy Standards, to be set low
on stem. Stakes should be driven
300mm into the ground.

Watering system to consist of a perforated pipe
installed around the rootball - Mona Relief Tree
Irrigation by Green-Tech and approved by the LPA.
Single inlet aeration/irrigation system. Size of irrigation
ring to be selected to match diameter of rootball

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from tree trunk. Mulch to be 14-20mm clean stone, grey
in colour. Mulch is to be tapered to 20mm towards the
trunk so the flaring base is not buried.

Root barrier to maintain
integrity of carriageway &
footway/cycleway. To
extend full area of soil
volume requirements

Rain garden soil to comprise 'bioretention
soil' by Bourne Amenity of similar alternative
to achieve hydraulic conductivity

Geotextile

Granular fill material

Perforated pipe

Rain garden
planting

Planting medium to be 900mm depth for
trees to comprise 400mm layer of
imported/site won topsoil to provide
optimum soil for tree establishment and
500mm layer of subsoil in a break from
the rain garden soil e.g. Bioretention Soil
by Bourne Amenity. Topsoil and subsoil
depths to extend the full soil volume area
for each tree.

3m

LOCATION PLAN (NTS)

RAIN GARDEN TREE PITS

RAIN GARDEN TREE PITS

R10/R14 Link Road - Rain Garden Tree Pit Detail

PEGASUS
GROUP