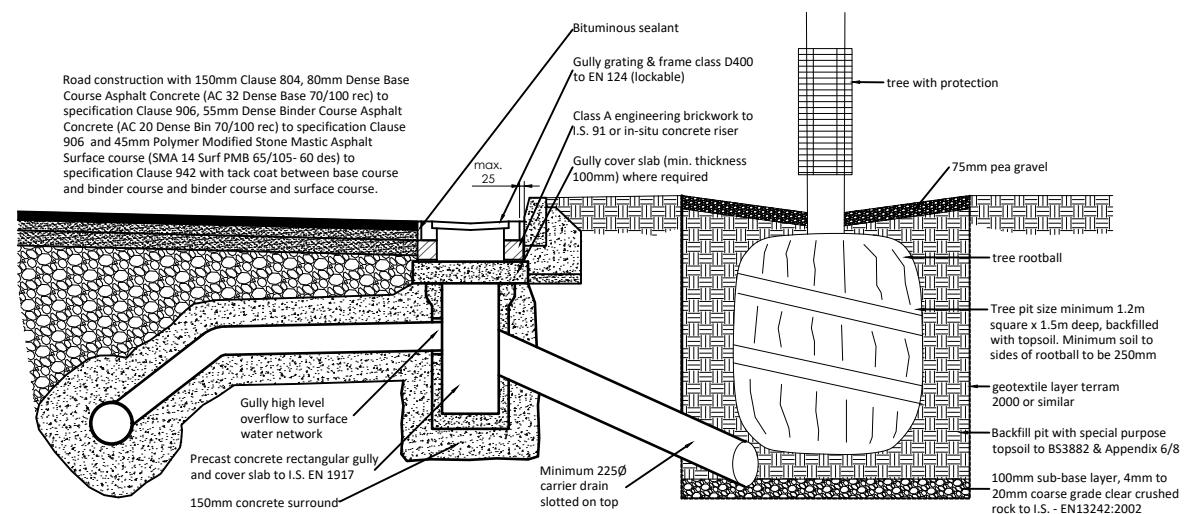


Typical Rain Garden Detail

1. 100mm deep top layer of 20mm washed gravel with gradual batter (no greater than 1:3) to edges at back of kerb.
2. Overflow and inspection pipe, size to be determined by hydraulic performance requirements, with mesh cap to prevent debris entering.
3. Permeable drainage layer, 10mm angular gravel laid around and above perforated pipes.
4. Network of perforated drainage pipe minimum 100mm diameter laid at regular intervals (no greater than 5m) across base of trench in accordance with hydraulic performance requirements specified by drainage and geotechnical engineer.
5. Geotextile layer, Terram 1000 or equivalent approved laid over gravel drainage layer and along sides of trench anchored in at top to both sides.
6. Joint to drainage outlet pipe to engineer's specifications.
7. Root barrier along both sides of bioretention trench in vicinity of proposed trees. GreenBlue Urban ReRoot 1000 or equivalent approved.
8. Semi-mature specimen tree planting. Species selected to be tolerant of short periods of water inundation as well as periods of drought.
9. Outflow pipe from base of bioretention feature to main surface water discharge pipe



Gully to tree pit detail