

RAIN GARDEN SURROUNDS

Rain gardens are engineered treatment systems designed to harness the natural ability of vegetation and soils for treatment of stormwater runoff. Treatment occurs through sedimentation, filtration, absorption and uptake by vegetation. Rain gardens can be used to reduce the effects of stormwater volumes, peak flows and contaminant loads on waterways.

FEATURES

- A modular precast concrete structure designed and manufactured in accordance with the relevant sections of the following standards and specifications where applicable:
 - NZS 3109:1997 "Concrete Construction"
 - NZS 3114:1987 "Surface Finishes"
 - NZS 3101: Part 1:2006 "Concrete Structures Standard"
- Swiftlift anchors positioned on internal walls

BENEFITS

- Provides separation between internal filter media and surrounding soil or fill
- Supports lateral loads
- Quick and easy installation compared to cast-in-situ concrete construction
- Service life expectation in excess of 100 years
- Supports safe installation

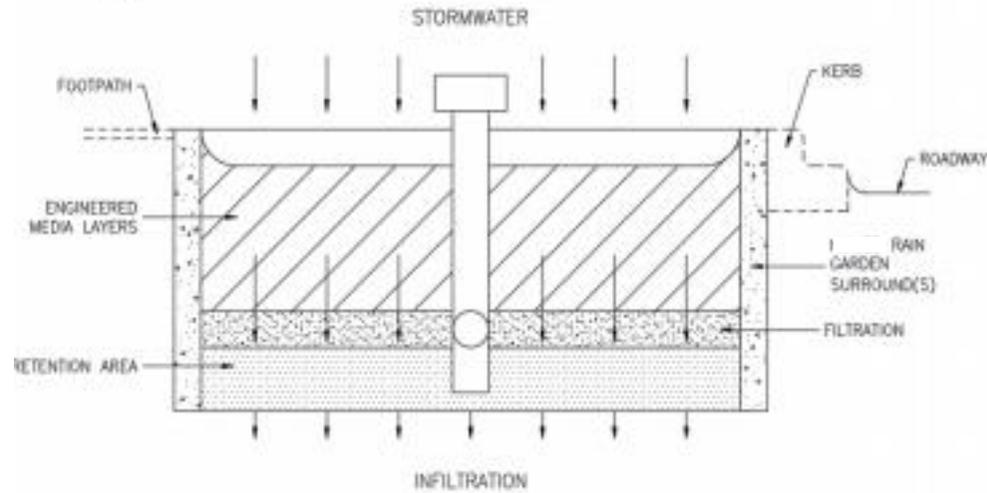


FIG. 2 Left Hand

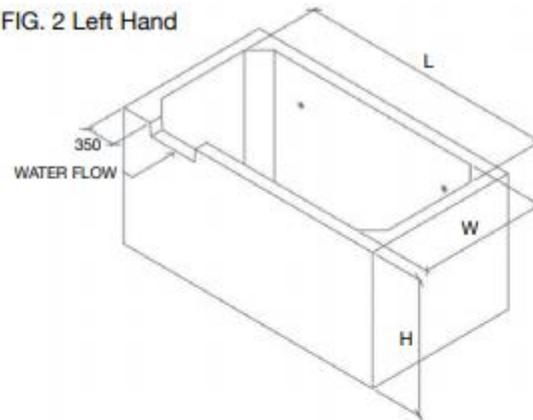


FIG. 3 Right hand

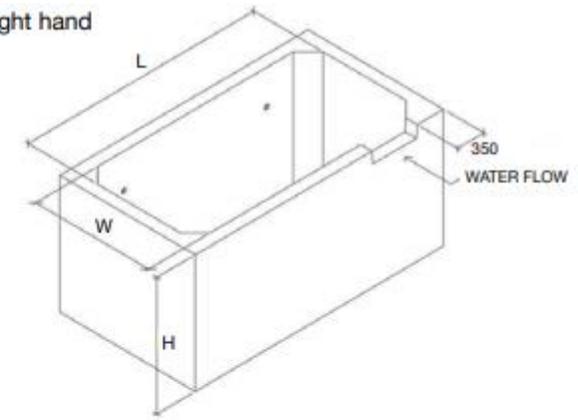


FIG. 4 Centre slotted

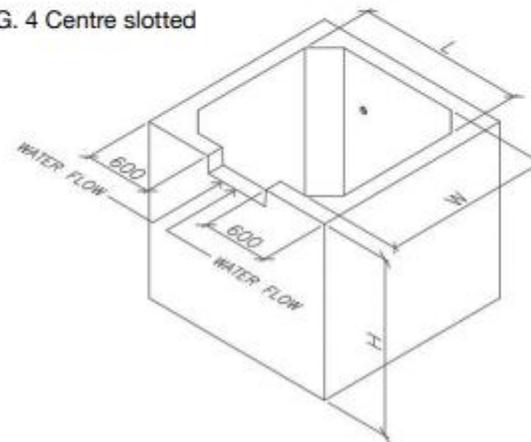


FIG. 5 Inlet slot cut out details

