



Note: Planting the bio retention basin with a combination of *Carex* & *Juncus* is advised with plant density a minimum of 8 plants per sq.m. Planting to be in accordance with WaterNSW current recommended practices

Rain garden to be permanently protected from vehicle damage by guardrails, castellated kerb, bollards, or similar structures, with a sign to be erected to advise of its nature and purpose in water quality management

Note:
The site storage requirement is calculated
to be 10 cu/m.

two 20,000 litre rainwater tanks are to be installed, the allowance for these towards on site detention is 20 cu.m.

The raingarden will also provide 5 cu/m of detention

Permissible site discharge equal to the pre development run off for 1% AEP worst case storm is calculated to be 26 l/s

Total discharge post development from the site 1 % AEP worst case storm is 14 l/s

The 'Drains' programme by Watercom has been used to model this system, flow rates shown are for worst case 0.2 EY AEP storm



ALL DRAWINGS ARE DIAGRAMMATIC ONLY

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