



Peppermint Grove

The Garden Shire

REQUIREMENTS FOR ON-SITE STORMWATER DRAINAGE

Enquiries Darren McBride, Manager Infrastructure Services 9286 8600

1. Included with the plans submitted to the Shire's Development Services a site plan showing the following drainage details:
 - 1.1 Existing ground levels or contours.
 - 1.2 Proposed levels of paved or concrete areas.
 - 1.3 Details of roof and pavement drainage disposal.
 - 1.4 Size (depth and diameter) and locations of all soakwells.
 - 1.5 Minimum size soakwells allowable for roof water disposal is: 900mm diameter x 600mm deep

NOTE: The following formula shall be used to determine the soakwell capacities required:
Impervious Area (m²) x 0.0125m = Capacity Required m³

2. The following conditions shall also apply:
 - 2.1 All soakwells installed in paved or concreted areas are to be provided with trafficable lids and made accessible for maintenance purposes.
 - 2.2 Soakwells to be no closer than it's depth to a footing or boundary from the outside edge of the soakwell.
 - 2.3 All soakwells used shall be of an approved manufacture and standard.
 - 2.4 All soakwells installed within flexible pavement areas (bitumen or brick paving) shall be provided with an approved base to prevent any subsidence of the well liners.

SOAKWELL SIZES AND CAPACITIES

Diameter	Depth	Capacity (m ³)	Equivalent Impervious area (m ²)
900	600	0.38	30.40
900	900	0.57	45.60
900	1200	0.76	60.80
1070	600	0.54	43.20
1070	1200	1.09	87.20
1200	600	0.68	54.40
1200	900	1.02	81.60
1200	1200	1.36	108.80
1200	1500	1.70	136.00
1500	600	1.06	84.80
1500	1200	2.10	168.00
1500	1500	2.65	212.00
1800	600	1.53	122.40
1800	900	2.29	183.20
1800	1200	3.05	244.00
1800	1800	4.58	366.40