



953 South Coast Hwy,
PO Box 183
Denmark WA 6333
Tel No. (08) 9848 0300
Email:
info@denmark.wa.gov.au
Website:
www.denmark.wa.gov.au

Application for a Permit to connect to the Shire's drainage system

Application No.: Yr/No. _____

How do I connect to the Shire's drainage system?

Connection to the street drainage system requires a permit and must be inspected both before and after, by the Shire of Denmark Officer. Call the Engineering department on **98480322** to arrange.

Applicant's Details

- ☐ Owner of Property
☐ Contractor

Date: _____

Name: _____

Postal Address: _____

Phone: _____ Email: _____

Connection Type: Residential / Commercial

Contractors Details

Contractors Name: _____

Phone: _____ Fax: _____

Email: _____

Correspondence Required to Builder? Yes / No

Drainage System Details

Lot No: _____ Street No: _____ Street: _____
Location: _____

Type of Construction Required to connect to Shire's Drainage System

Important Notes

- What is stormwater detention?
 - Stormwater detention is the collection of rain that falls on your property (known as stormwater), storing temporarily, and then releasing it slowly so that it doesn't cause downstream flooding.
- Why is stormwater detention necessary?
 - The aim of stormwater detention is to hold stormwater within the property for a sufficient period to simulate when the land was grassland (pre-development conditions). This reduces the flood risk for properties downstream, and adverse effects to the natural waterways.
- What is the Shire of Denmark's requirements?
 - Stormwater from all impervious areas (roof, driveway, paving etc.) is to be detained onsite with an overflow connected to existing stormwater infrastructure (or discharged to the road – see figure 4).
- How can I achieve the detention requirements?
 - There are several options available to achieve detention, as listed below:
 - Storage pits (see figure 1) or modular storage
 - Rain gardens (see figure 2)
 - Rainwater tanks (with rainwater retention volume – see figure 3). NOTE: Rainwater tanks are to be used when other options are unachievable.
- **Due to Denmark's soil conditions; soakwells are not suitable in most areas within the Shire.**
- How much storage is required?
 - As a guide, 0.5m³(500 litres) is required per 100m² of impervious area.
 - Alternatively, the storage can be calculated and designed by a Civil Engineer to the satisfaction of the Shire of Denmark.
 - Where the impervious area is unknown, the following table can be used:

Total land area (m ²)	300	400	500	600	700	800	900	1000
Required storage volume (m ³)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0

I hereby certify that this application contains a true and accurate description of the proposed works. All works will be carried out in accordance with the information contained in this application, legislative & statutory requirements and to any other conditions or specifications imposed by the Director of Assets & Sustainable Development.

Endorsed by (Applicant)

INFORMATION SHEET

Figure 1 - Storage Pits

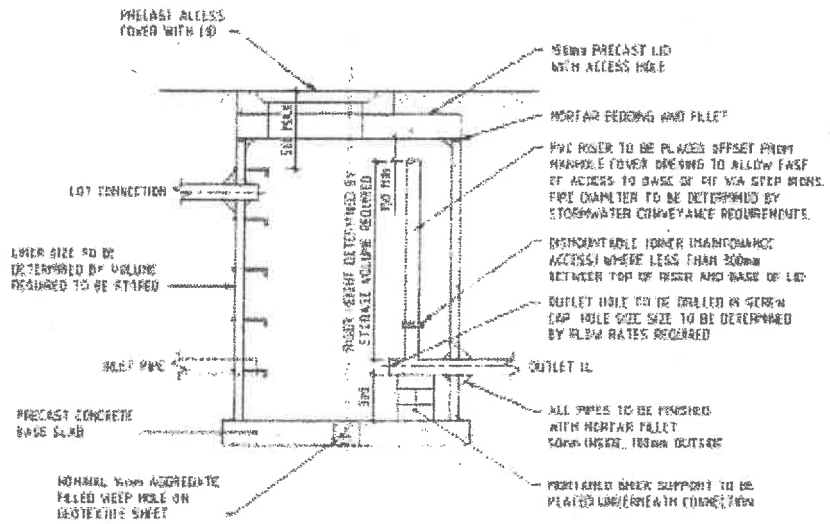


Figure 2 – Rain Garden

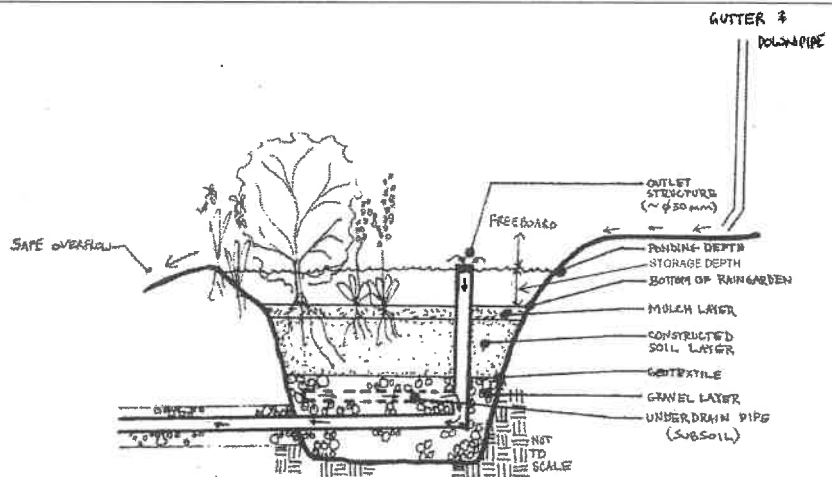
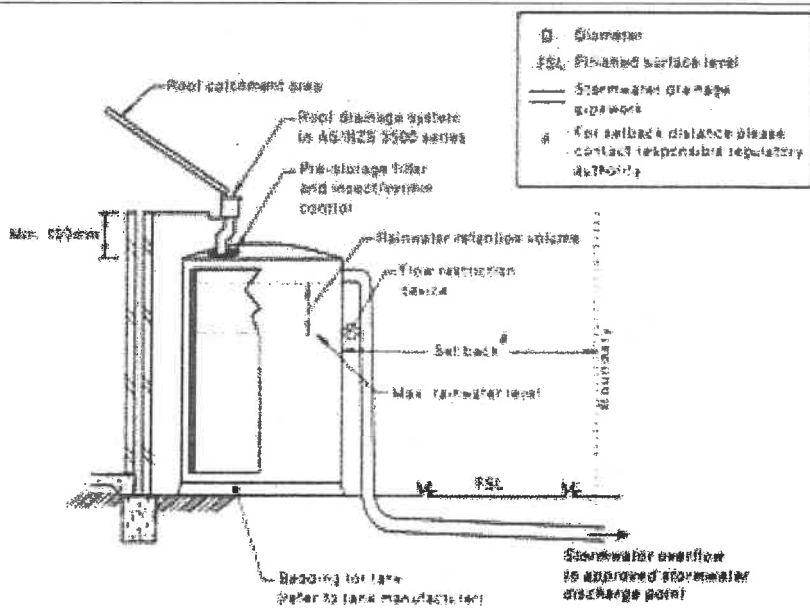


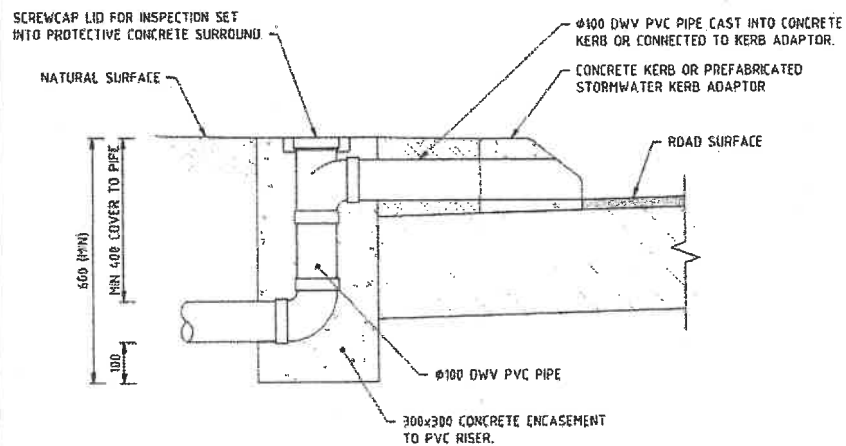
Figure 3 –Rainwater Storage Tank



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INFORMATION SHEET

**Figure 4 – Kerb
Outlet Detail**



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Assessment No: _____ Application No: _____

Site Assessment		Date / Comments
Application approved by Engineer	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
On-site location approved	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Construction completed	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____
Inspected by: _____		Sign: _____ Date: _____