



**CHIEF EXECUTIVE APPROVAL 08/2016**  
*Plumbing and Drainage Act 2002, part 5.*

**Approval**

1. The **Eco Design Greywater Recycling System** ("the system") described in the Specifications and Drawings in the attached Schedule and manufactured by **Eco Design Sustainable Housing** (ABN 33 190 648 366) ("the manufacturer") has been assessed in accordance with the Queensland Plumbing and Wastewater Code (QPW Code) dated 15 January 2013.
2. Approval is granted for a greywater treatment system, subject to compliance by the manufacturer with the requirements of the *Plumbing and Drainage Act 2002*, part 5 and the conditions of approval detailed below.
3. This approval, the conditions of approval and the Schedule comprise the entire Chief Executive Approval document.
4. Any modification by the manufacturer to the design, drawings or specifications scheduled to this approval must be approved by the Chief Executive.

**Conditions of approval**

5. The manufacture, installation, operation, service and maintenance of the systems must be in conformity with the conditions of this Chief Executive Approval.
6. An approved system, when installed on premises, must continue producing effluent that meets the requirements under the Queensland Plumbing and Wastewater Code for end uses with a low level of human contact:
  - (a) BOD<sub>5</sub> – less than or equal to 240mg/L; and
  - (b) Suspended solids – less than or equal to 140mg/L.
7. Each system must be serviced in accordance with the details supplied in the owner's service and maintenance manuals.
8. Each system must be supplied with —
  - (a) a copy of this Chief Executive Approval document;
  - (b) details of the system and ancillary equipment;
  - (c) instructions for authorised persons for its installation;
  - (d) a copy of the owner's manual to be given to the owner at the time of installation; and
  - (e) detailed instructions for authorised service personal for its operation and maintenance.
9. This approval does not extend, apply to, or include the land application system used in conjunction with an approved system installed on premises.
10. At each anniversary of the Chief Executive Approval date, the supplier must submit to the Chief Executive a list of all systems installed in Queensland that they have received an installation and commissioning certificate for during the previous 12 months.

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Delegate Signature:	
Building Codes Queensland	

11. Where the Chief Executive is notified of any system failures the Chief Executive believes are a result of poor design or faulty manufacture, may randomly select a number of installed systems for audit. The Chief Executive will notify the National Association of Testing Agencies (NATA) accredited laboratory nominated by the supplier, which systems are to be audited for Biochemical Oxygen Demand (BOD<sub>5</sub>) and Total Suspended Solids (TSS). The sampling and testing of the selected systems, if required, is to be done at the supplier's expense. The following results must be reported to the Chief Executive;
  - (a) Address of premises.
  - (b) Date inspected and sampled.
  - (c) Sample identification number.
  - (d) Biochemical Oxygen Demand (BOD<sub>5</sub>).
  - (e) Total Suspended Solids (TSS).
12. The Chief Executive may, by written notice, cancel this approval if the manufacturer fails — to comply with one or more of the conditions of approval; or within 30 days, to remedy a breach, for which a written notice been given by the Chief Executive.
13. This approval may only be assigned with the prior written consent of the Chief Executive.
14. This approval expires on 17 June 2021 unless cancelled earlier in accordance with paragraph 12 above.



**Lindsay Walker**  
**Director**  
**Strategic Policy (Plumbing, Drainage, Committees and Special Projects)**

Date approved: 17 June 2016

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**CHIEF EXECUTIVE APPROVAL No. 08/2016**  
*Plumbing and Drainage Act 2002, part 5, division 1, section 93*

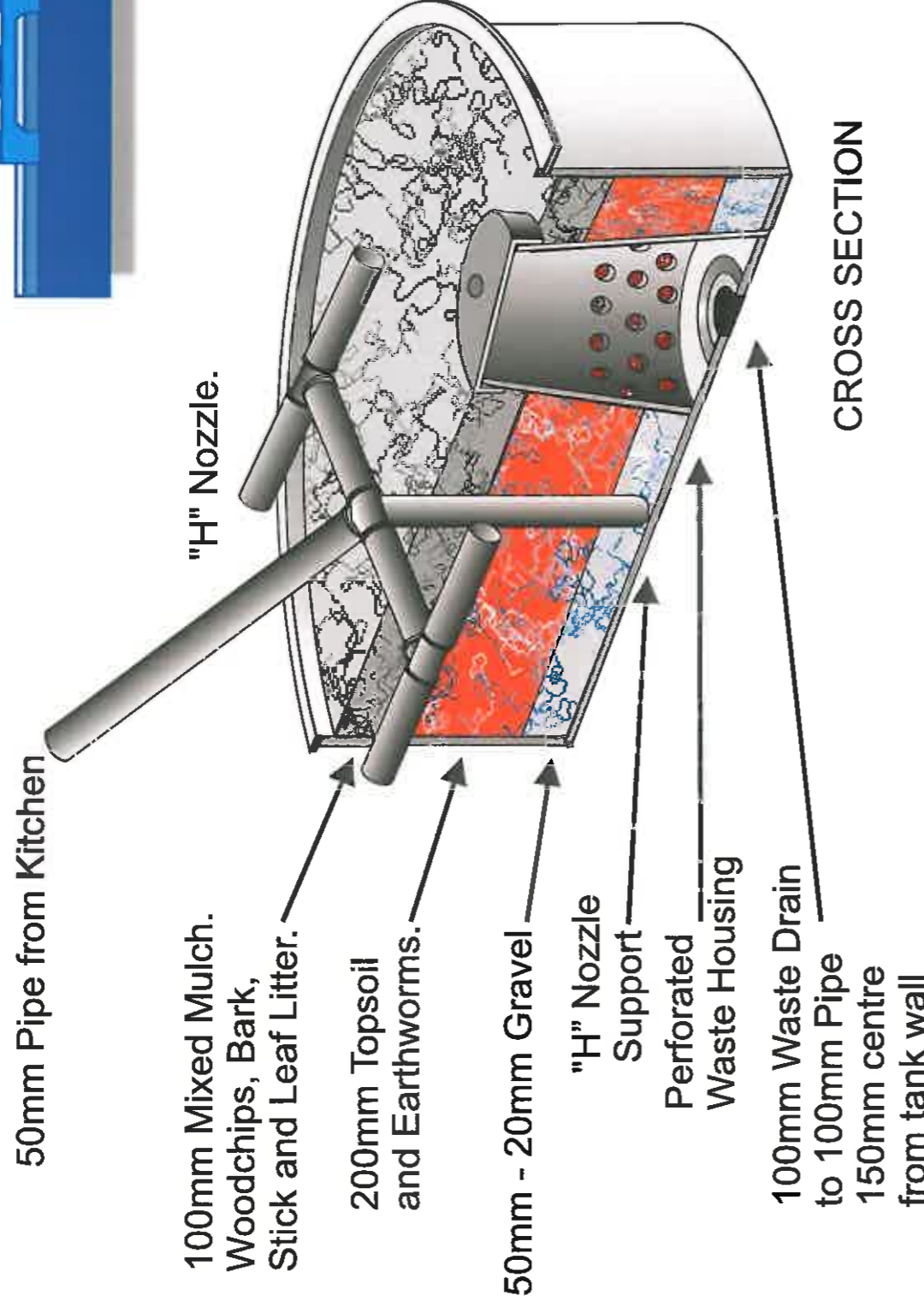
**SCHEDULE**

**Attachment 1**

Specifications for the  
**Eco Design Greywater Recycling System**

Department of Housing and Public Works	
<b>Chief Executive Approval</b>	
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Greywater Recycling System  
 "H" Nozzle &  
 Aerobic Grease Filter (AGF)



CROSS SECTION

Filter Medium Not Supplied  
 Local Material is Suitable



Ornamental plants can  
 be planted as required

250 litre HDPE Plastic Tank  
 1000mm diameter x 425mm deep

ECO Design - Greywater Recycling & Irrigation Systems  
 Ph:0458-627-701  
 www.greywater.com.au  
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**SCHEDULE**

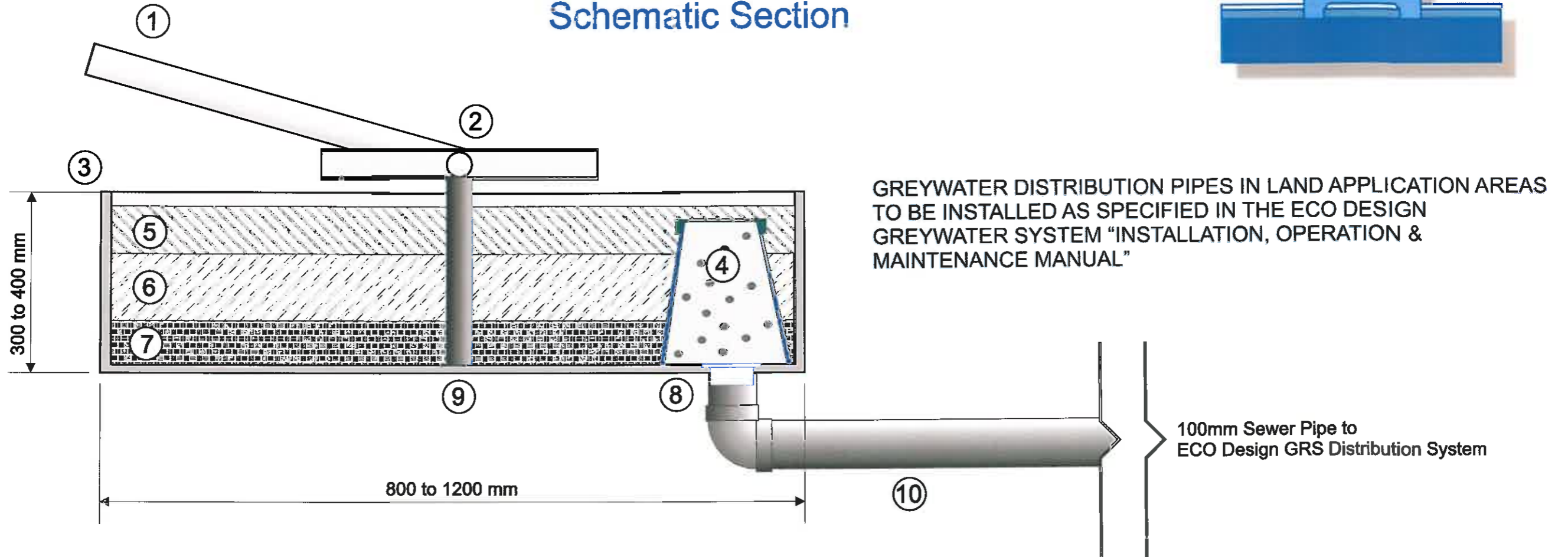
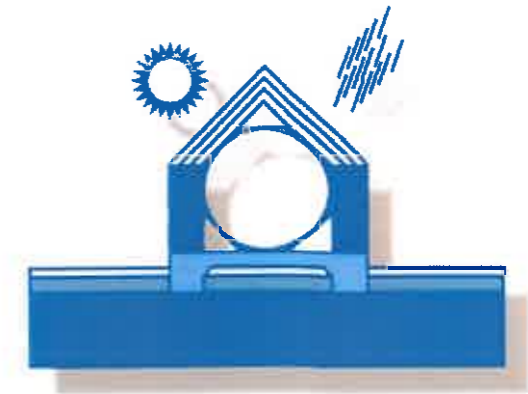
**Attachment 2**

Drawings for the

**Eco Design Greywater Recycling System**

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# ECO Design Sustainable Housing Greywater Recycling System (GRS) Schematic Section



ITEM	COMPONENT	MATERIAL
1	GREYwater WASTE PIPE	PVC
2	GREYwater DISTRIBUTOR NOZZLE	HDPE PLASTIC
3	AEROBIC GREASE FILTER (AGF)	HDPE PLASTIC
4	AGF GREYwater WASTE HOUSING	HDPE PLASTIC
5	MULCH	BARK OR LEAF LITTER
6	TOPSOIL	ORGANIC SANDY LOAM
7	GRAVEL	20MM
8	100MM WASTE GRATE	PVC
9	DISTRIBUTOR NOZZLE SUPPORT	HDPE
10	65MM to 100MM SEWER PIPE	PVC

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[savewater@greywater.com.au](mailto:savewater@greywater.com.au)

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