



**General Notes & Guidance:**

This drawing must be read in conjunction with the latest RIW Product Literature.

All waterproofing details shown herein must receive approval from the design team or appointed designer before implementation on site, these waterproofing details may have other impacts on the structure and these impacts must be assessed and understood by the design team or appointed designer.

BS8102:2009  
6.2.4 The need for continuity in the waterproofing protection should also be considered when selecting a type of protection. In most circumstances, the protection should be continuous.

- Drawing Notes:**
- Concrete surfaces must be first treated with RIW Cementsseal Primer, to reduce the risk of leaching of free lime or mineral salts.
  - RIW Aqua Channel acts as a maintainable drainage channel, and must be installed including :
    - Outlets as required to discharge water ingress. Provide 1 No. for every 50 linear metre run of channel, or 2 No. minimum. Guide only. Engineer to advise.
    - Cleaning ports / Jetting eyes as required for maintenance. Provide at changes in direction, and at 12 metre maximum intervals between.
  - RIW Aqua Channel should be placed in a recess to allow for the collection of water.
    - Recommended size = 130 x 130mm.
  - RIW Aqua Channel can be bedded in 20mm minimum single sized aggregate, to secure it and promote drainage.
  - RIW Brick Plugs fix the RIW Cavity Drain to the wall, and allow for fixing of screw-in type wall ties, etc.
  - BS8102:2009  
10.1 The outer leaf of the exterior wall should be capable of controlling the quantity of water that can pass through it, in order not to exceed the drainage capacity of the system. Water entering a drained cavity system is regulated by the structure, so defects that might result in unacceptable leaks should be remedied before the system is installed.



**RIW LTD**  
580 / 581 Ipswich Road, Slough, Berkshire, SL1 4EQ, UK  
T: +44 (0) 1753 944200 E: technical@riw.co.uk W: www.riw.co.uk

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Project:			
Client:			
Title:	RIW CAVITY DRAIN: SEALED SYSTEM RIW AQUA CHANNEL DETAIL AT BOTTOM OF SECANT PILED WALL		

Additional Info:			
Date:	Scale @ A4:	Drawn:	Checked:
19/09/19	NTS	RA	DK
Project Ref:	Drawing No:	Rev:	
	RIW/TD/404		