



SECTION

Maintainable sub-soil drainage; see Notes 3 & 4

Provide ventilation to sub-floor void as required

Provide weepholes as required; 40mm minimum. to avoid blockages

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:

1. Double Drain relieves hydrostatic pressure build up, and provides an additional factor of safety. REF: BS8102:2009, Item 6.4 Sub-surface drainage.
2. Double Drain is to be installed with the filter fleece facing outwards towards the soil/ground.
3. A maintainable sub-soil drainage must be provided at the base of the wall as required.
4. Sub-soil drainage should be capable of discharging water away from the structure.
5. RIW Brick Plugs fix the RIW Cavity Drain to wall and allow for screw in type wall-ties.
6. RIW Flexiseal Pro is applied to the outside of the wall, to limit water ingress into the cavity.
7. This detail is only suitable for shallow basement constructions with a low or variable water table (as defined in BS8102:2009).
8. RIW only details masonry constructions in conjunction with a wall drainage system to help reduce hydrostatic pressure acting on the structure. Drains should be subjected to regular inspections.
9. All suspended Pre-Cast floors are assumed to be in low-risk, free-draining site environments.

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Project:	
Client:	
Title:	CHANGE IN FLOOR LEVEL: SUSPENDED FLOORS

Additional Info:			
Date:	Scale @ A4:	Drawn:	Checked:
19/09/19	NTS	RA	DK
Project Ref:	Drawing No:	Rev:	
	RIW/TD/251		