



**SECTION**

**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.
2. Double Drain is to be installed with the filter fleece facing outwards towards the soil/ground.
3. A maintainable sub-soil drain must be provided at the base of the wall and sub-soil drainage be capable of discharging water away from the structure. REF. BS8102:2009, Item 6.4 Sub-surface drainage.
4. To be checked with the Design Engineer that an unacceptable slip-plane has not been created through the retaining wall.
5. This detail is only suitable for shallow basement construction with a low or variable water table (as defined in BS8102:2009)
6. RIW only details masonry construction in conjunction with a wall drainage system to help reduce hydrostatic pressure acting on the structure. Drains should be subjected to regular inspections.



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Project:

Client:

Title:

EXTERNAL VERTICAL TANKING / LIFT PIT:  
 BOTTOM OF MASONRY RETAINING WALL; WITH LOADED MEMBRANE OVER RAFT SLAB / PIT BASE

Additional Info:

Date:	Scale @ A4:	Drawn:	Checked:
18/09/19	NTS	RA	DK
Project Ref:	Drawing No:	Rev:	
	RIW/TD/102		