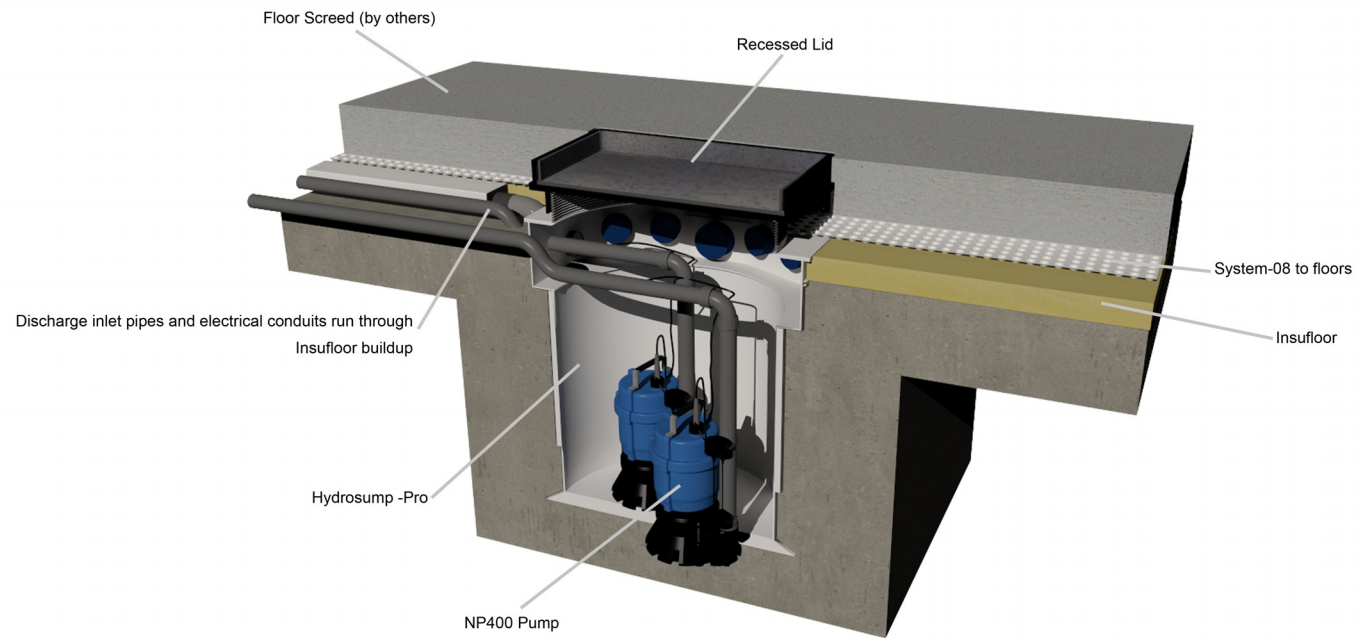


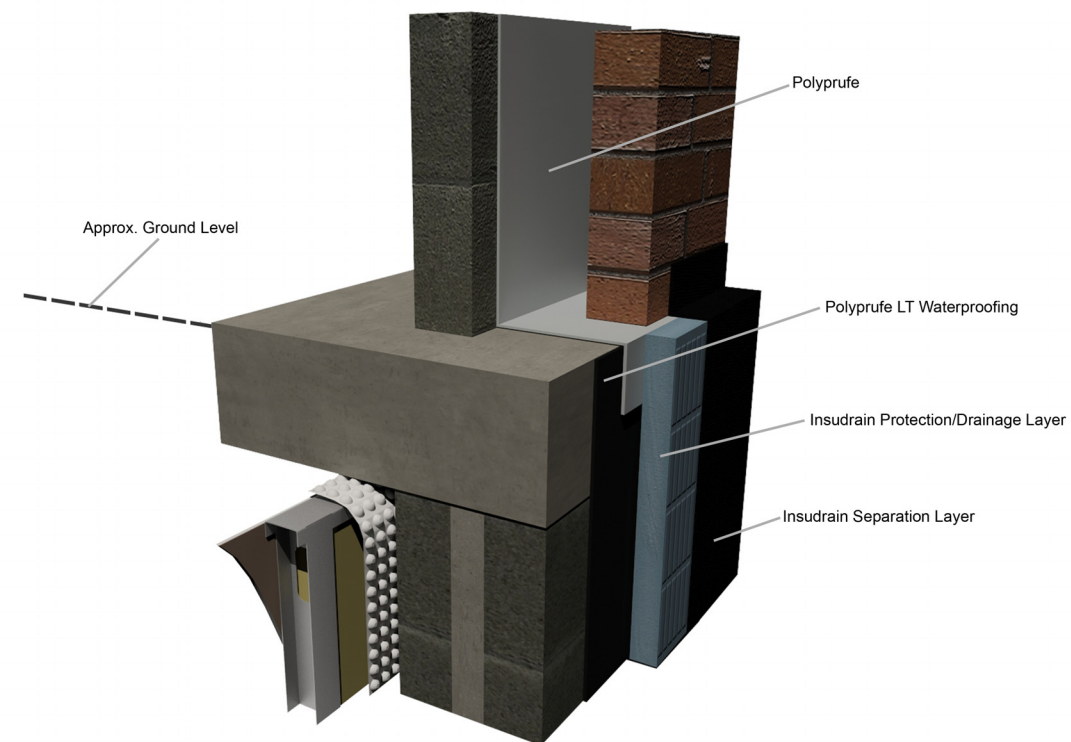
Typical Section through Sump Pit

Insulated Floor



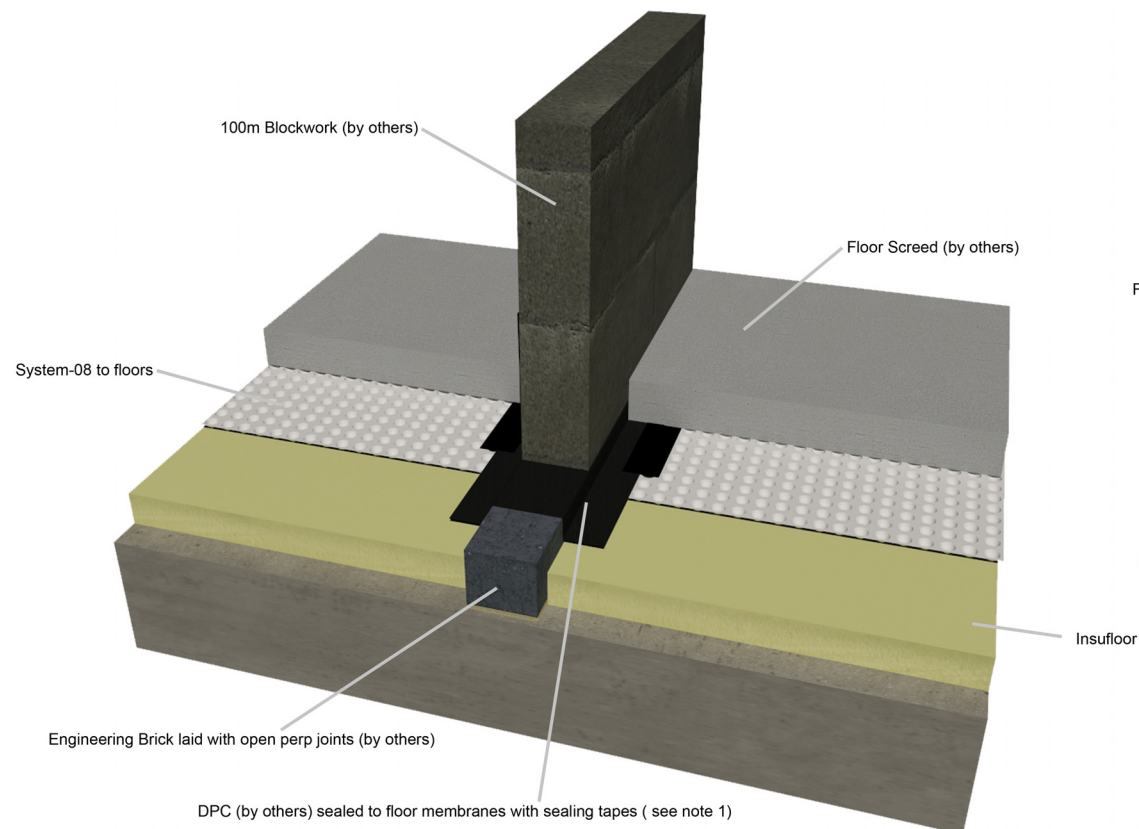
Typical detail through Head of Reinforced Blockwork Retaining Wall

Showing Independent Framing System



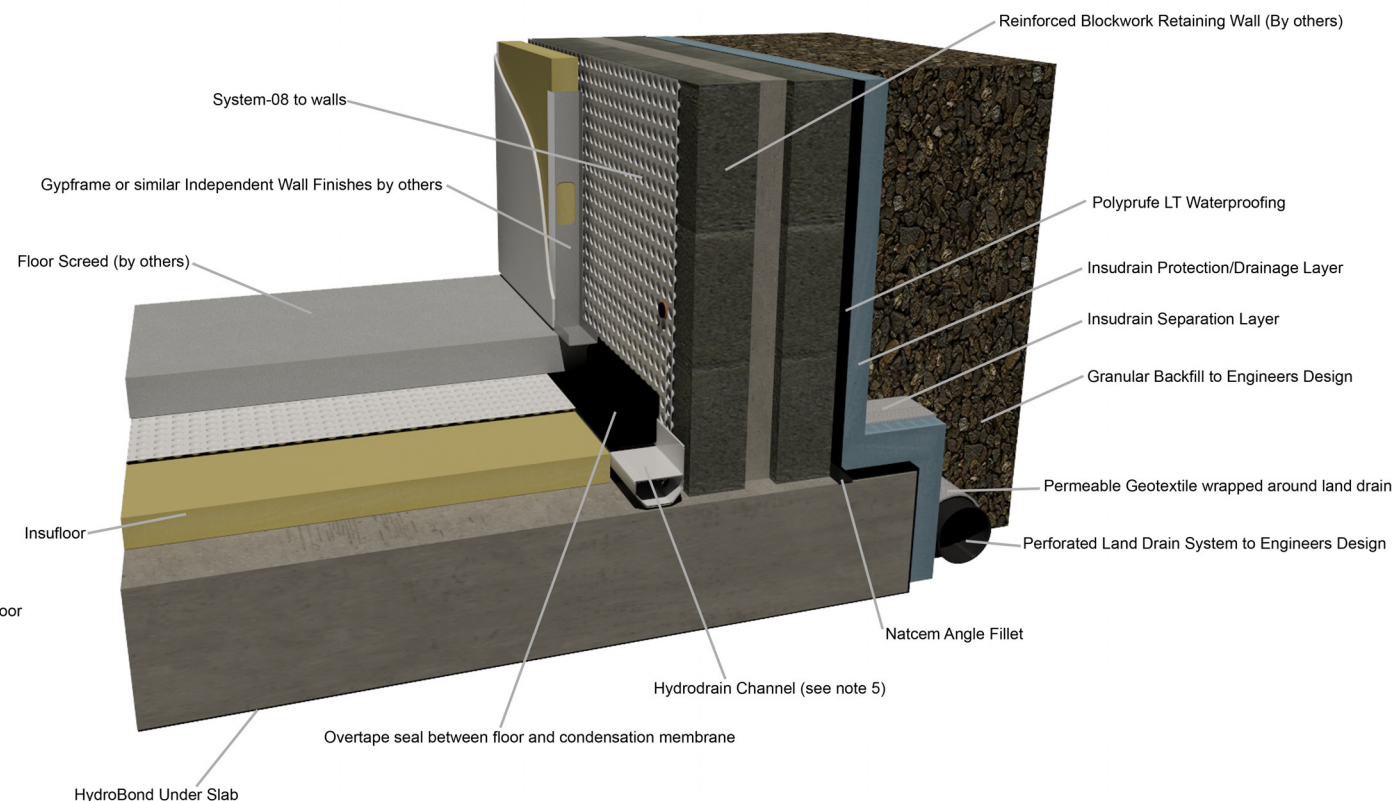
Typical Section through Internal Partition Wall

Insulated Floor



Typical Section through Reinforced Blockwork Retaining Wall (Toe)

Showing Independent Framing System



MacLennan drawings are to show Cavity Drain waterproofing details (and where necessary finishes). These details should not be scaled from.

Notes are referred to on details

1) DPC (by others) sealed to Condensation strip with 30mm double side butyl tape (By MacLennan).

DPC sealed to System-20 with 75mm over tape. DPC should have to less than 75mm lap onto System-20.

2) Cementitious slurry applied to top face of Kicker and lapped 50mm down outer faces, to act as a DPC. Cementitious slurry to be detailed around reinforcing where required.

3) System-08 has a compressive strength of 350kN/m2 (with studs filled).

3) System-20 has a compressive strength of 250kN/m2 (with studs filled).

4) Multi-Plug fixings are used to secure Cavity membrane to walls. Multi-Plugs have a hole in the centre which can receive a gauge 10 screw thread (max depth 35mm). Either wall ties with an incorporated screw thread (gauge 10) or a screw can be used to secure wall ties to retaining wall. Wall ties and tie positions to be specified by others. Each Multi-Plug can provide a 2.5 K/n pull out

5) Hydrodrain is accessed for maintenance through jetting ports. Jetting ports are manufactured with 43mm pipe and can be detailed to fit in with finishes.

Jetting point positions to be agreed with site team, and to be marked on site plan from inclusion into As-Built drawings.

6) The Cavity Drainage will require routine maintenance. This will normally be in the form of an annual service unless; site conditions may mean more frequent servicing if high quantities of Free Lime are found in the system.



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Project:	
Client:	
Title:	
Drawing No.:	
Date:	
Revision No.	