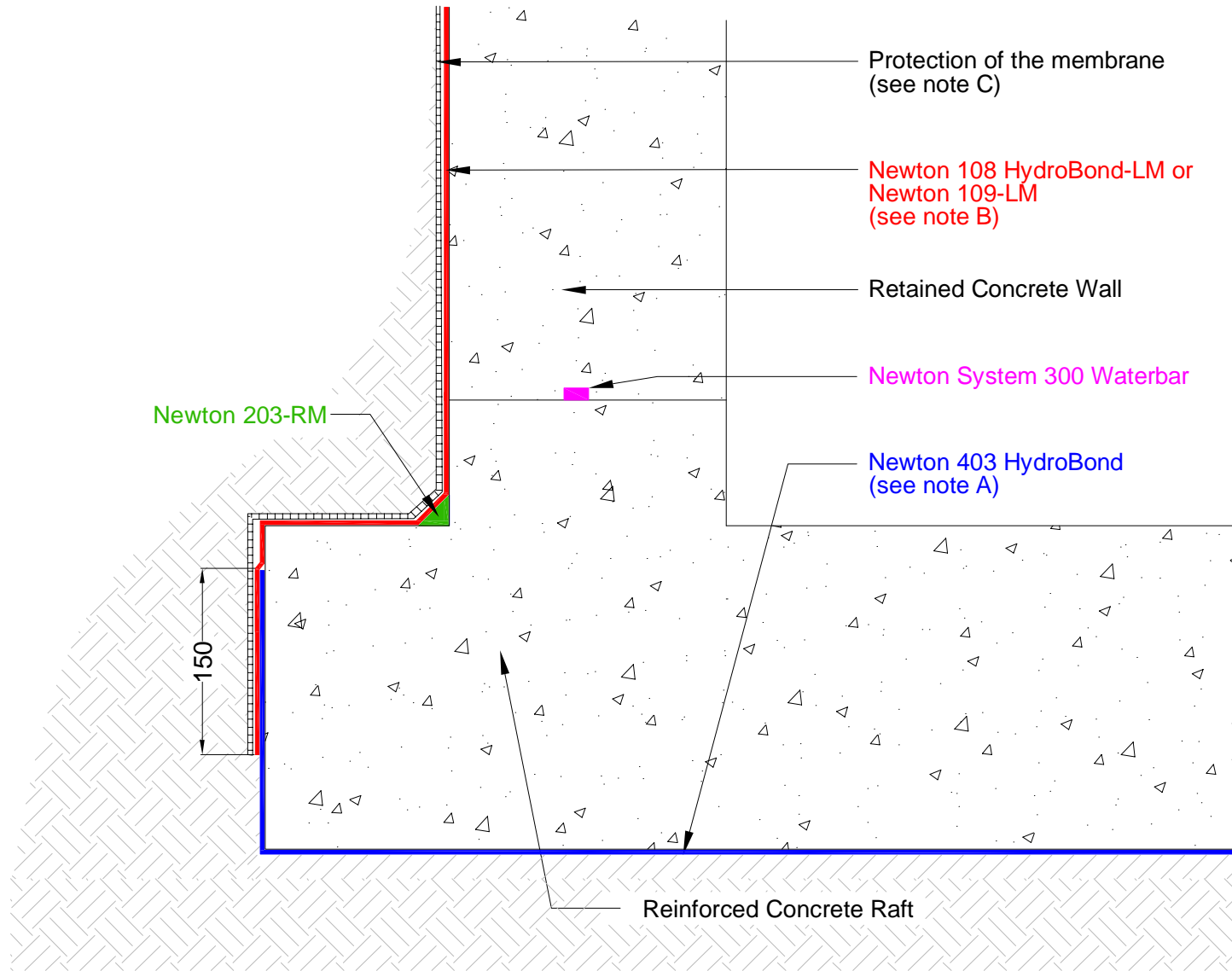


Section

DO NOT SCALE

Notes



Protection of the membrane
(see note C)

Newton 108 HydroBond-LM or
Newton 109-LM
(see note B)

Retained Concrete Wall

Newton System 300 Waterbar

Newton 403 HydroBond
(see note A)

Newton 203-RM

150

Reinforced Concrete Raft

This drawing shows a typical method of waterproofing a raft foundation RC structure. Construction should be to BS EN 1992 (Eurocode 2) and capable of resisting heads of water pressure as required by BS8102.

A) Newton 403 HydroBond is a mechanically bonded and self-healing membrane that is pre-applied ready for the placement of the concrete raft to a suitable smooth sound substrate such as a concrete blinding, closed cell insulation, void former system or drainage membrane such as Newton 410 GeoDrain.

B) Newton 108 HydroBond-LM is a spray applied liquid membrane that cures almost immediately on application to the concrete structure to form a very flexible and durable rubber membrane.
or
Newton 109-LM a hand applied version used where it is logistically difficult to use a spray machine.

C) Backfill protection using Backfill Protection Board, suitable closed cell insulation such as Newton Fibran XPS 500-C or Newton 410 GeoDrain if a drainage board is preferred, please see drawing A-01.

To access further details and relevant technical information please call our Technical Team on 01732 360095 or refer to our [website](#).

Newton HydroBond® System

Newton HydroBond system to concrete structure with a toe

NOTE: This is a Newton waterproofing detail and copyright remains with John Newton & Co. Ltd. (trading as Newton Waterproofing Systems). Any specification/advice provided is only valid if used with products supplied by John Newton & Co. Ltd. For the design of the structure, please use a professional designer. We recommend that Newtons' waterproofing systems are installed by our NSBC registered contractors who can offer insurance backed guarantees and accept liability for both the design and installation of our systems. Please refer to product data sheets before installation of our products. Newton Waterproofing Systems reserve the right to update drawings and product literature at any time.