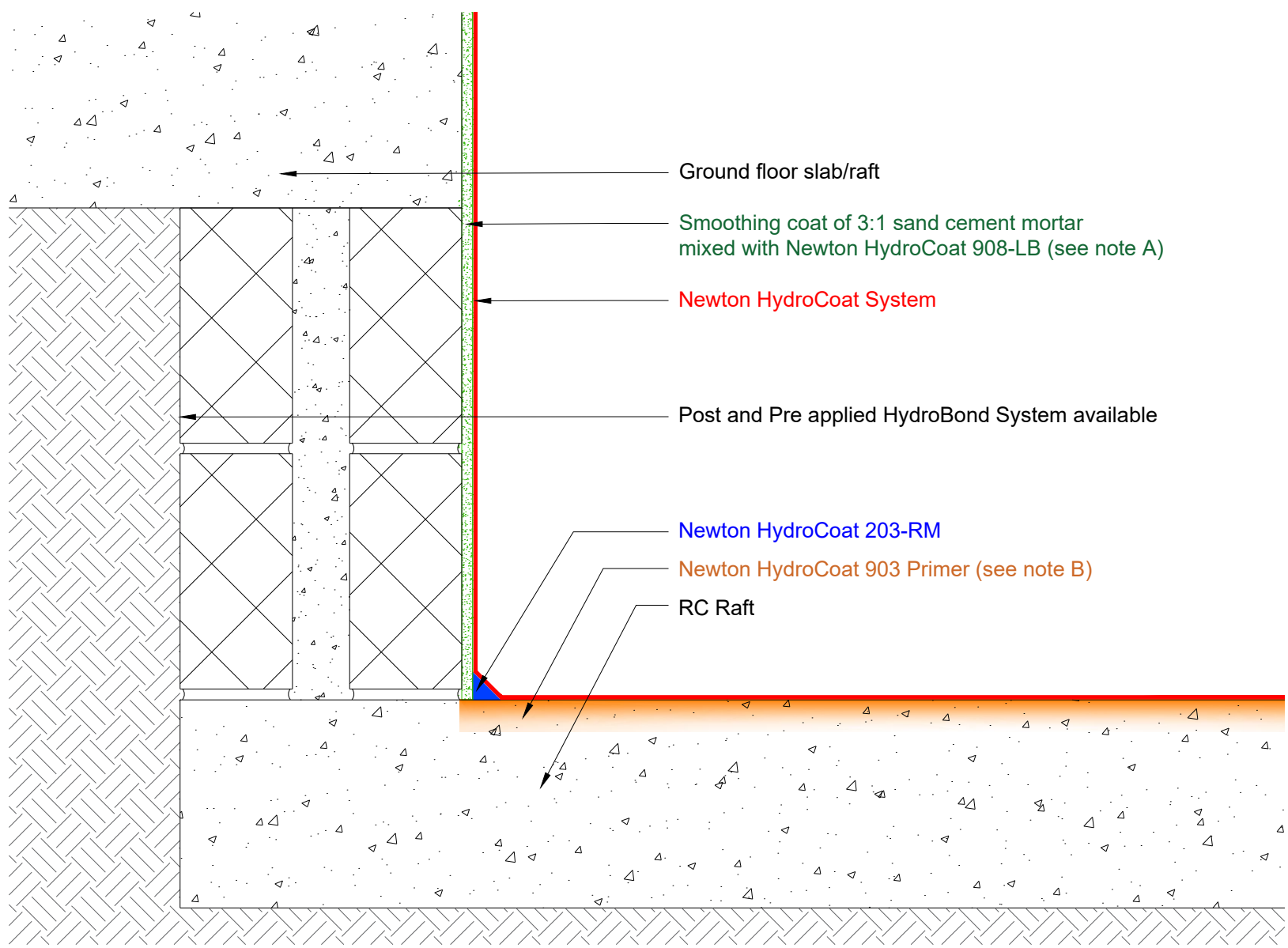


SECTION

DO NOT SCALE

Notes



Ground floor slab/raft

Smoothing coat of 3:1 sand cement mortar mixed with Newton HydroCoat 908-LB (see note A)

Newton HydroCoat System

Post and Pre applied HydroBond System available

Newton HydroCoat 203-RM

Newton HydroCoat 903 Primer (see note B)

RC Raft

This drawing shows the waterproofing of a lift pit, sunk below a ground floor slab or raft.

This drawing is not suitable for lift pits within lower ground floor or basement structures where the waterproofing of the pit would need to interface to the basement waterproofing system. Please contact our technical department for advice on waterproofing lift pits within ground retained structures.

A. Newton HydroCoat 908-LB is mixed with water at 1:2 to form the gauging liquid for the mortar mix. The smoothing coat should be about 10mm in thickness. A smoothing coat will not be required if the block work is flush pointed or if bucket handle pointing is used so there are no sharp edges.

B. Newton HydroCoat 903 Primer is a modified styrene/acrylic copolymer primer.

For confirmation of methodology for fixing through Newton HydroCoat System, please refer to drawing JN-HC-D02B.

If a vapour barrier is required please refer to the Newton Technical Department.

This detail is intended as guidance only and provides an understanding of how the products and systems can be configured as part of a waterproofing strategy; and should not be understood as being the project waterproofing design or that Newton are fulfilling the role as appointed waterproofing designer as recommended by BS 8102:2022.

Newton or our delivery partners can fulfil the appointed role of waterproofing designer. Please speak to our Technical Team for further information.

To access further details and relevant technical information please call our Technical Team on 01732 360 095 or refer to our [website](#).

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.

Reference	JN-HC-10	Designed	DGB
Revision	A	Drawn	AJG
Date	03/10/2023	Checked	DB/TC