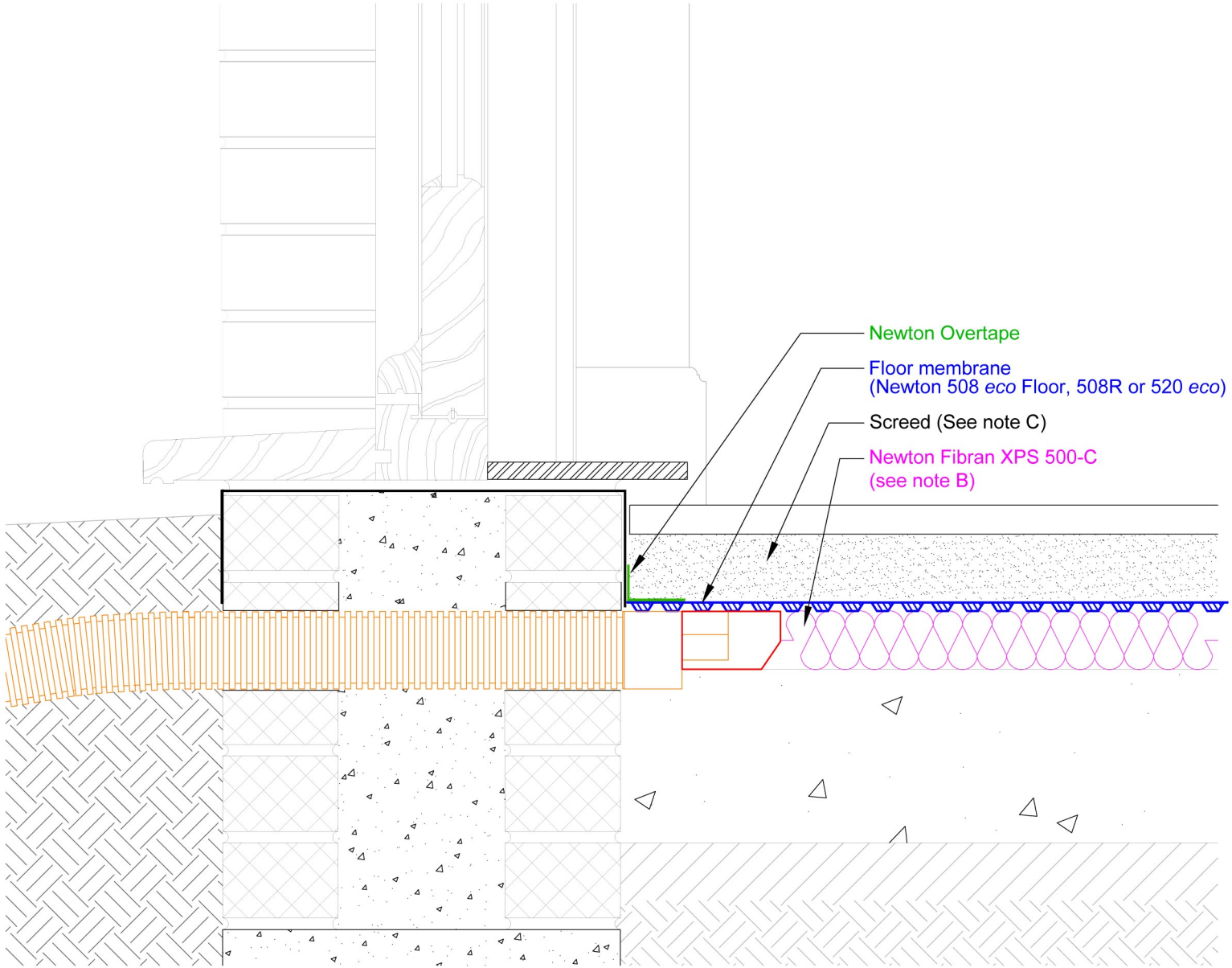
Section

~~DO NOT SCALE~~



NOTE: This is a waterproofing detail. For the design of the structure, please use a professional designer. We strongly recommend that Newton waterproofing systems are installed by our NSBC registered contractors who will guarantee, insure and accept liability for both the design and the installation of our systems. Please refer to product data sheets before installation of our products. Newton Waterproofing Systems reserves the right to update drawings.

Notes

This detail shows how Newton System 500 is drained naturally to an open elevation where the site slope away from the structure. Use in conjunction with Newton drawings starting CDM-SA or CDM-RA where Newton Floordrain is laid above the slab. If the Newton Floordrain is sat within a recess to the slab or raft as with drawings starting CDM-SW or CDM-RW, detail CDM-D48B should be used.

The elevation maybe the entrance to a garage, patio doors or a fully built-up wall and the exact method of drainage will be dependent on a number of factors within these possibilities. To be considered as being 'safe drainage' the water must enter a drainage point that is below the level of the basement floor. For assistance in specific detailing, please speak to the Newton registered contractor (NSBC) who is installing the waterproofing system.

If rodent prevention is required, please install at the point of termination.

A) Newton Floordrain should always be laid level and connected to the sump chamber or safe gravity drainage with at least two Drainage Connectors, see drawings CDM-P03 (Basedrain Layout & Parts) and CDM-P09 (Titan-Pro Pump System).

B) Newton Fibran XPS 500-C is placed below the Newton Floor membrane as a fully drained supporting spacer. The maximum floor load is 16 Mpa (1.6 tonnes/m2). Newton Fibran XPS 500-C has a thermal conductivity of 0.035W/mk and as such will make a significant contribution to the U-value of the floor.

C) Screed to manufacturers recommendations or current British Standard.

To access the details mentioned above,relevant NBS Clauses, product data and MSDS sheets, please visit Technical resources via
www.newtonwaterproofing.co.uk

Newton System 500

Natural drainage detail

JN NEWTON WATERPROOFING

17 - 20 Sovereign Way, Tonbridge, TN9 1RH
Tel: 01732 360095 Fax: 01732 359033
www.newtonwaterproofing.co.uk - tech@newtonwaterproofing.co.uk

Scale	Drawing Reference	Original Reference	Drawing Revision
Not to scale	CDM-D46		d
Date	Designed by	Drawn by	Checked by
20/03/2018	DGB	AJG	DGB