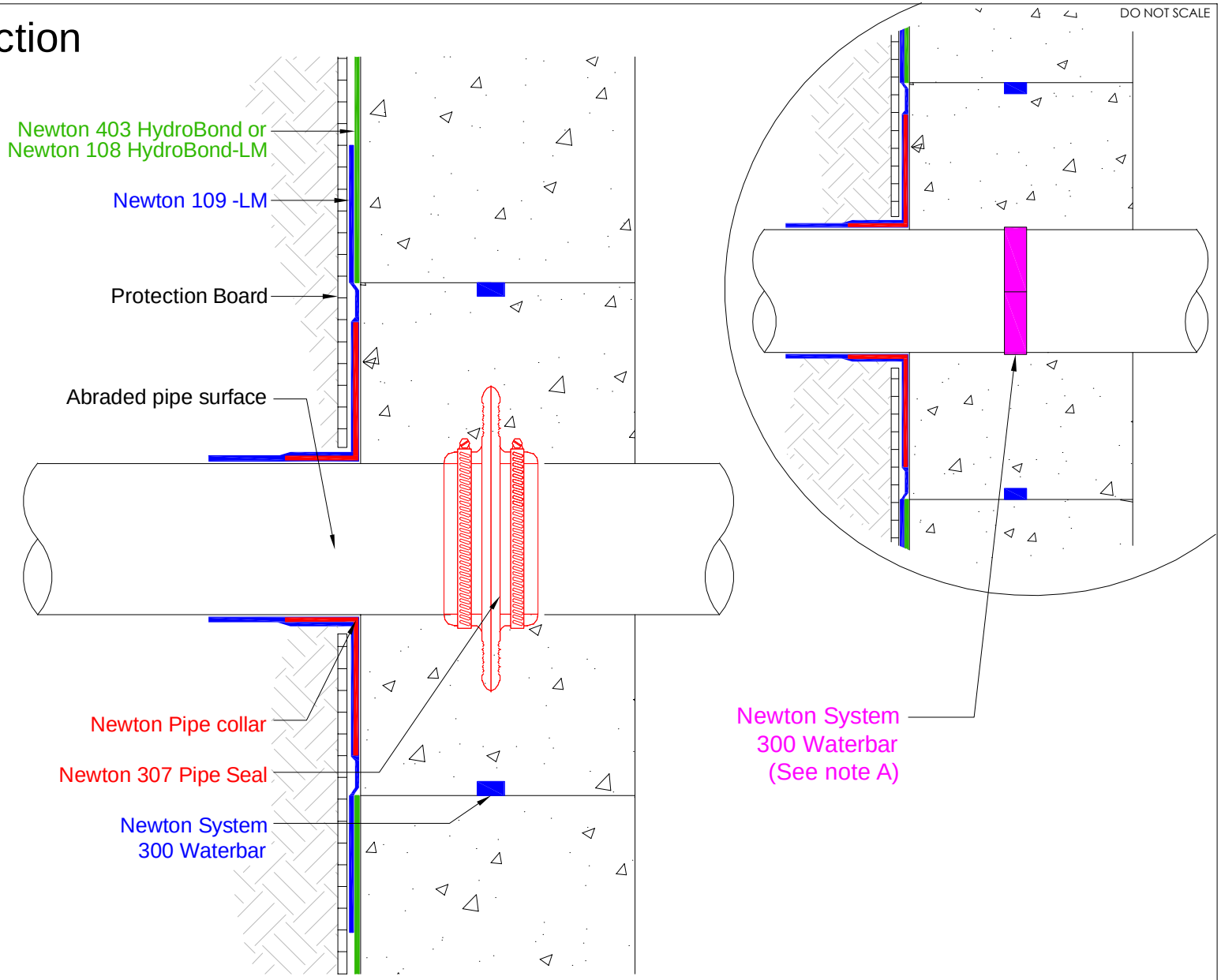
Section



Notes

This detail shows the formation of a service entry through an existing concrete wall using a technique referred to as a "Box detail" where a box of mass concrete surrounds the penetration which allows for correct and better use of waterbars to prevent water ingress through the new service entry.

A service entry created in this way is much more resistant to water ingress than simply cutting a hole and attempting to seal around the outside of the pipe to the hole cut into the concrete.

Protection of the membrane can be provided by the use of a suitably specified insulation, protection board or Newton 410 GeoDrain if a drainage board is preferred.

A) Alternatively adhere a suitable Newton System 300 Waterbar around the pipe with a recommended adhesive, abut the ends and secure with steel wire tie.

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

Newton HydroBond® System

Box Penetration - 403 HydroBond - 109-LM - 108 HydroBond-LM - System 300

NEWTON WATERPROOFING

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Scale	Drawing Reference	Original Reference	Drawing Revision
Not to scale	H-D11		d
Date	**Designed by**	**Drawn by**	**Checked by**
19/10/2017	DGB	AJG	DGB