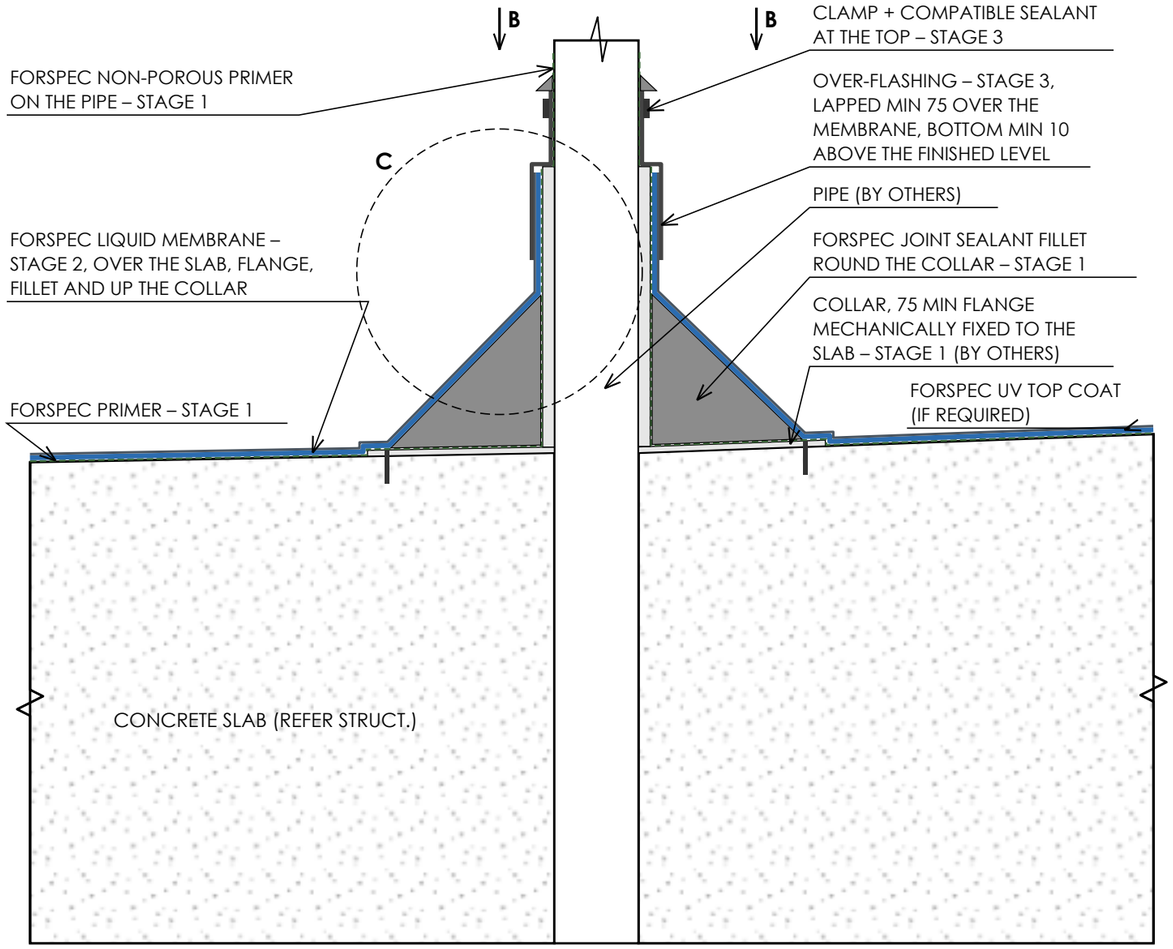
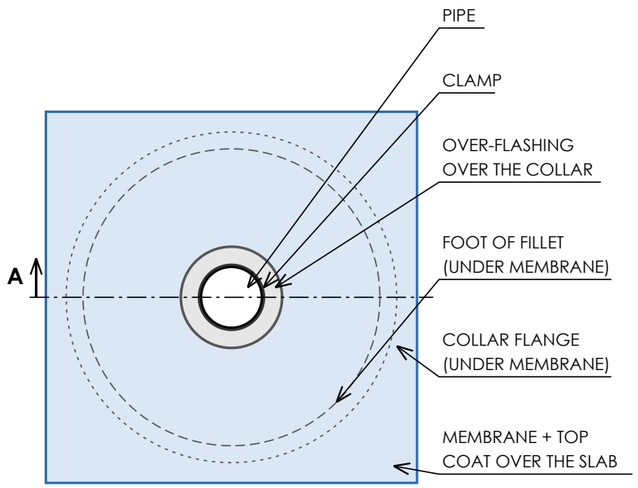
SECTION A–A

PIPE PENETRATION THROUGH THE MEMBRANE (NTS)



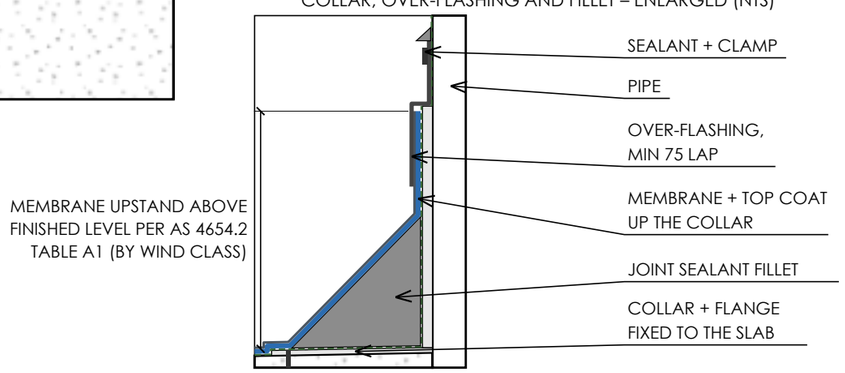
VIEW B–B

PLAN ON THE PIPE PENETRATION (NTS)



DETAIL C

COLLAR, OVER-FLASHING AND FILLET – ENLARGED (NTS)



NOTES

1. READ WITH THE FORSPEC SYSTEM SPECIFICATION, THE CURRENT TDS FOR EVERY PRODUCT AND THE STRUCTURAL DRAWINGS. STRUCTURE, JOINTS AND COVER BY THE STRUCTURAL ENGINEER.
2. LABELS ARE GENERIC - PRODUCTS ARE AS NAMED IN THE SPECIFICATION.

STAGE 1 – PREPARATION

3. FIX A COLLAR (SLEEVE) ROUND THE PIPE, ONE PER PENETRATION, WITH CLEARANCE TO THE PIPE AND ITS FLANGE (MIN 75mm) MECHANICALLY FIXED TO THE SLAB.
4. PRIME THE SLAB, FLANGE AND COLLAR (FORSPEC PRIMER) AND THE PIPE (FORSPEC NON-POROUS PRIMER).
5. FORSPEC JOINT SEALANT FILLET ROUND THE COLLAR ON THE FLANGE.

STAGE 2 – MEMBRANE

6. FORSPEC LIQUID MEMBRANE OVER THE SLAB, THE FLANGE AND THE FILLET AND UP THE COLLAR TO TABLE A1 HEIGHT ABOVE THE FINISHED LEVEL (40–180mm BY WIND CLASS, DETAIL C). FORSPEC UV TOP COAT OVER WHERE EXPOSED.

STAGE 3 – OVER-FLASHING

7. OVER-FLASHING FROM THE PIPE, OVER THE COLLAR TOP AND DOWN OVER THE MEMBRANE, MIN 75mm LAP, BOTTOM MIN 10mm ABOVE THE FINISHED LEVEL. CLAMP IT TO THE PIPE AND SEAL THE TOP WITH COMPATIBLE SEALANT.

GENERAL

8. HOLD POINT: INSPECTION AND PHOTOS OF THE COLLAR FIXING, FILLET, EACH COAT AND THE FLASHING.
9. MEMBRANE MATERIALS TO AS 4654.1, DESIGN AND INSTALLATION TO AS 4654.2 (NCC 2025 VOL ONE F1D7 / VOL TWO H2D8). FALLS IN THE STRUCTURAL SLAB MIN 1:80 (NCC F1D4(b)); NO PONDING AT THE PIPE (AS 4654.2 CL 2.5.2).
10. CLASS 2–9: NCC VOL ONE F1D4 FIGURES AS SHOWN, FALLS HELD UNDER 10-YEAR DEFLECTION (B1D2(b), REFER STRUCT.). CLASS 1: AS 4654.1/.2 VIA NCC VOL TWO H2D8 - FORSPEC KEEPS THE SAME FIGURES.
11. AMENDED FROM THE ORIGINAL TO COMPLY: COLLAR FIXED TO THE SLAB, MEMBRANE UP THE COLLAR TO TABLE A1 HEIGHT, OVER-FLASHING LAPPED MIN 75mm, 10mm GAP, CLAMP AND SEALANT AT THE TOP (AS 4654.2 CL 2.8.4, FIG 2.10).
12. FORSPEC MAY REQUIRE AN ALTERNATE WATERSTOP BASED ON DESIGN CONDITIONS.

FORSPEC® PROTECTIVE COATINGS

PENETRATION THROUGH MEMBRANE

FORSPEC STANDARD DETAIL - SUPERSEDES EBL002 V3 #1

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SCALE	DRAWING No	REFERENCE	REVISION
NTS	EBL002	EBL002 V3 #1	B
DATE	DESIGNED BY	DRAWN	CHECKED
08/11/2026	JG	JG	—