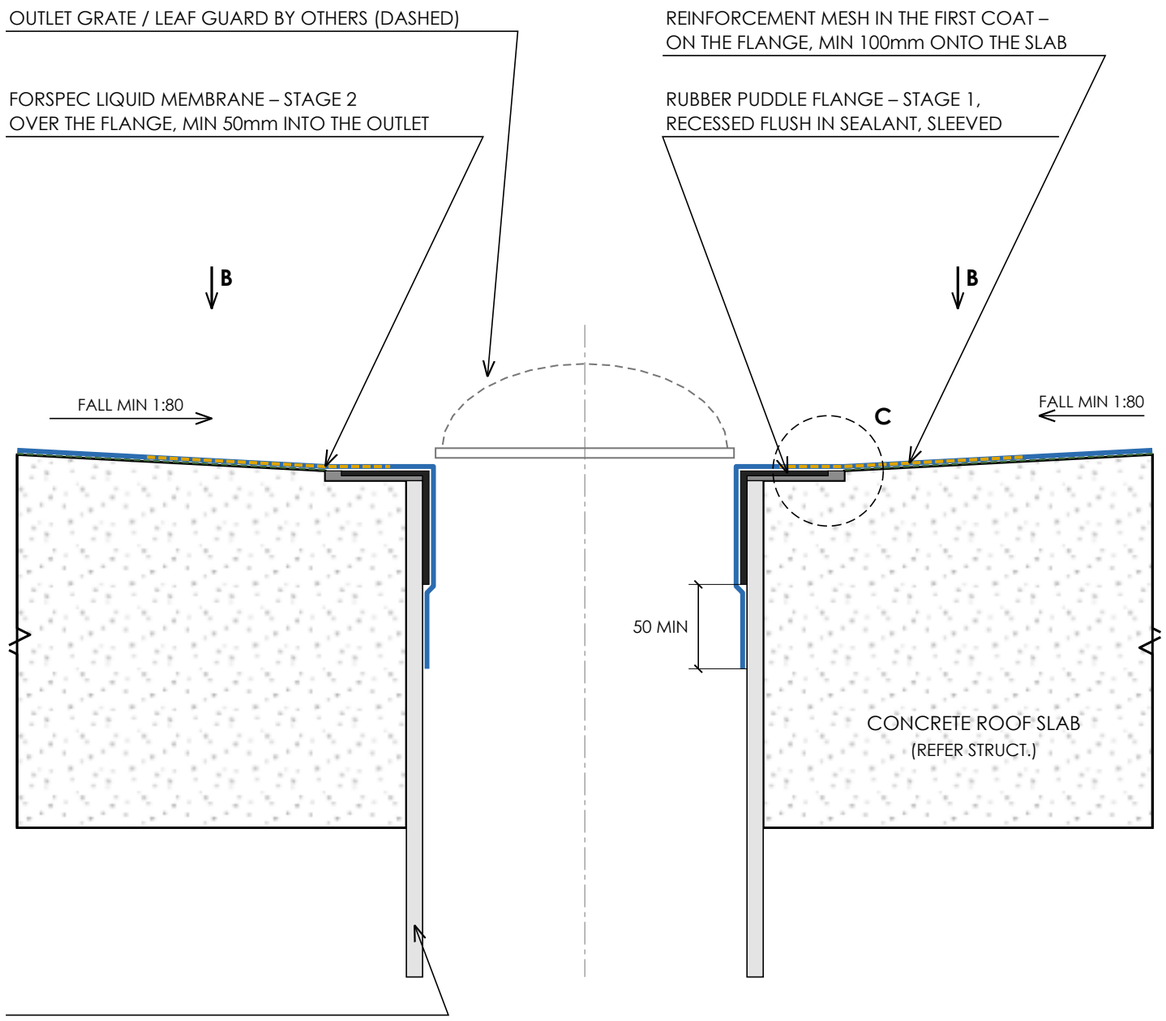
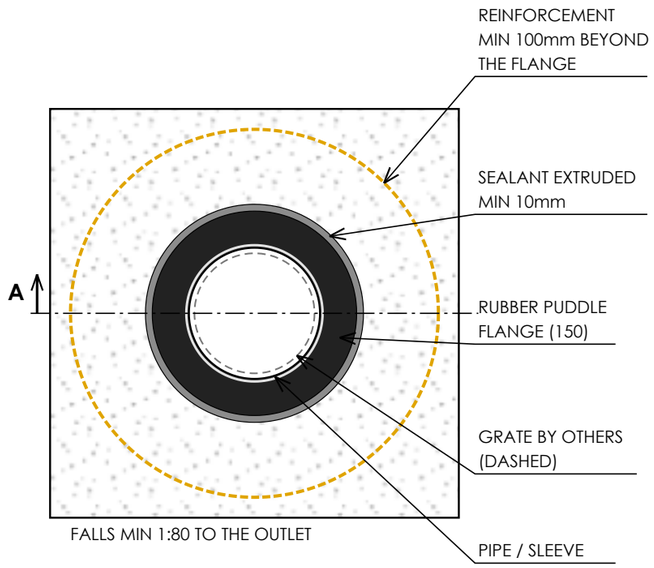
SECTION A–A

SECTION THROUGH THE ROOF OUTLET WITH A RUBBER PUDDLE FLANGE (NTS)



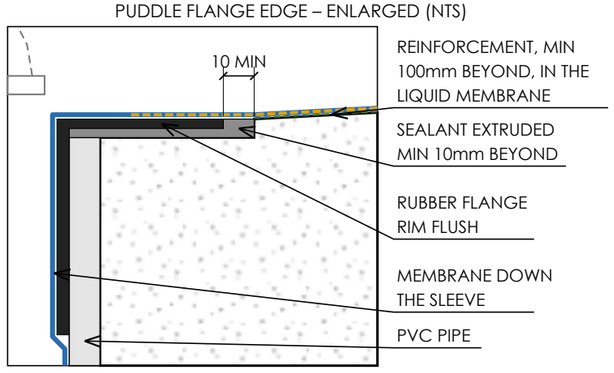
VIEW B–B

PLAN ON THE OUTLET – MEMBRANE REMOVED FOR CLARITY (NTS)



DETAIL C

PUDDLE FLANGE EDGE – 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. READ WITH AS 4654.2 CL 2.10 (DRAINS, FIG 2.15) AND CL 2.11 (OVERFLOWS). OUTLET SIZE, NUMBER, OVERFLOWS AND PLUMBING BY THE HYDRAULIC ENGINEER / PLUMBER (AS/NZS 3500.3, NCC F1D3). THE MEMBRANE IS THE UV-STABLE FORSPEC LIQUID MEMBRANE NAMED IN THE SPECIFICATION (OR FINISHED WITH FORSPEC UV TOP COAT).

STAGE 1 – OUTLET

3. CONCRETE MIN 28 DAYS. CUT THE PIPE FLUSH. FORM A RECESS SO THE FLANGE SITS FLUSH - NEVER PROUD. CLEAN, DRY, NO LAITANCE. FORSPEC PRIMER ON THE SLAB, NON-POROUS GRADE INSIDE THE PIPE.
4. BED THE FLANGE IN FORSPEC ADHESIVE SEALANT, SLEEVED INTO THE PIPE, PRESSED DOWN SO THE SEALANT EXTRUDES MIN 10mm BEYOND THE EDGE ALL ROUND. TOOL OFF AND CURE.

STAGE 2 – MEMBRANE

5. FIRST COAT OVER THE FLANGE AND MIN 100mm ONTO THE SLAB. EMBED THE REINFORCEMENT MESH WHILE WET, LAPPED ONTO THE FLANGE.
6. FULL COATS OVER THE FIELD AND FLANGE, DRESSED DOWN MIN 50mm PAST THE SLEEVE ONTO THE PIPE (NON-SAG GRADE). NO PONDING ON THE FLANGE.

GENERAL

7. FALLS MIN 1:80 TO THE OUTLET (NCC F1D4(b); AMENDED FROM 1:100). THE FLANGE DOES NOT CORRECT FALLS. FLOOD TEST AFTER FULL CURE. PROTECT THE MEMBRANE FROM OTHER TRADES UNTIL COMPLETE (AS 4654.2 CL 2.14).
8. 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.
9. HOLD POINT: PHOTOS OF THE RECESS, SEALANT EXTRUSION, MESH AND EACH COAT (WFT) BEFORE THE FLOOD TEST.
10. RETROFIT OUTLETS: RETROFIT FLANGE - SEPARATE DETAIL.
11. FORSPEC MAY REQUIRE AN ALTERNATE WATERSTOP BASED ON DESIGN CONDITIONS.

FORSPEC®
PROTECTIVE COATINGS

EXPOSED ROOF – VERTICAL OUTLET WITH RUBBER PUDDLE FLANGE IN A LIQUID MEMBRANE

FORSPEC STANDARD DETAIL - SUPERSEDES EEL003

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SCALE	DRAWING No	REFERENCE	REVISION
NTS	EEL007	EEL003 / EEL004	B
DATE	DESIGNED BY	DRAWN	CHECKED
08/11/2026	JG	JG	—