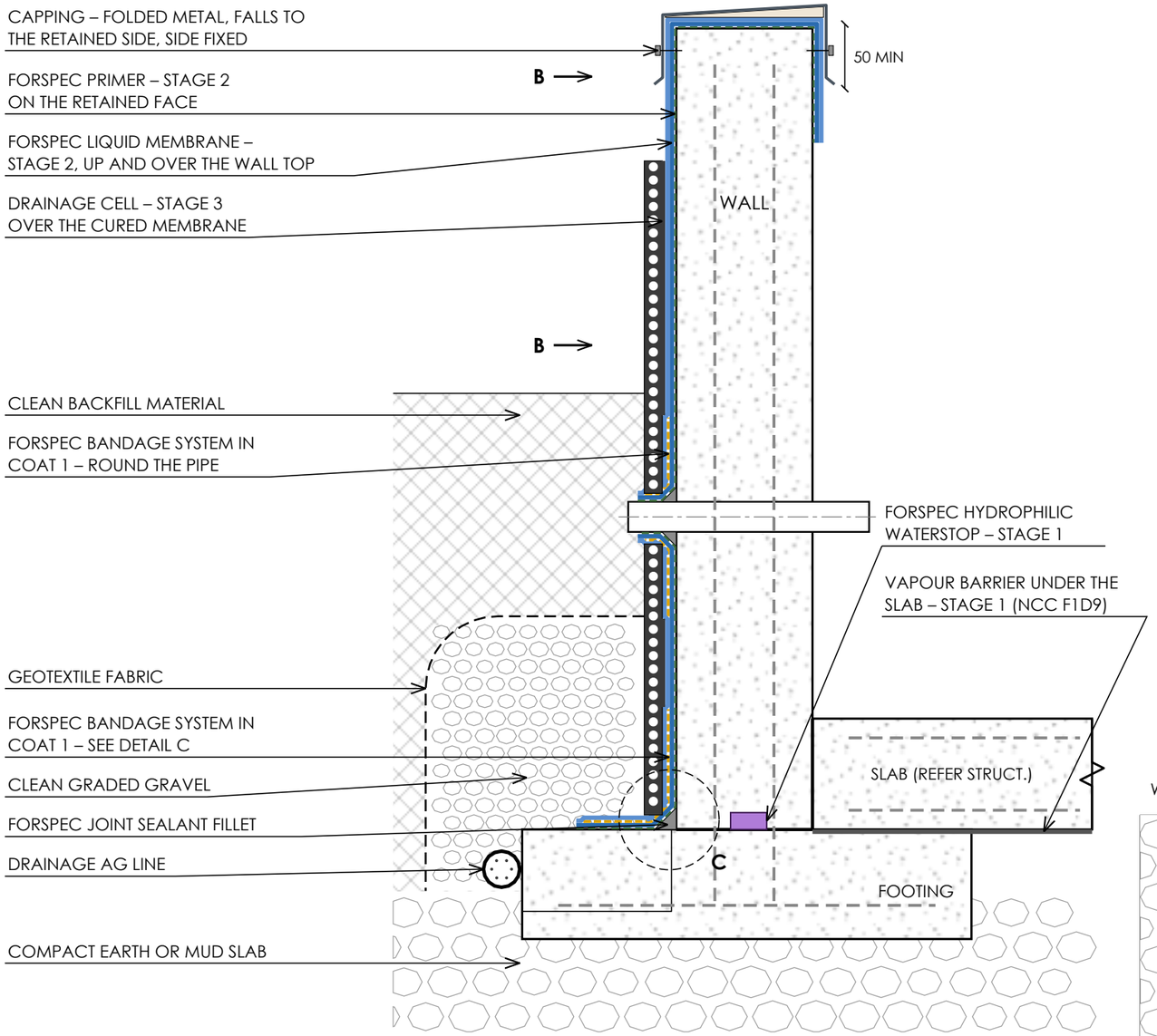
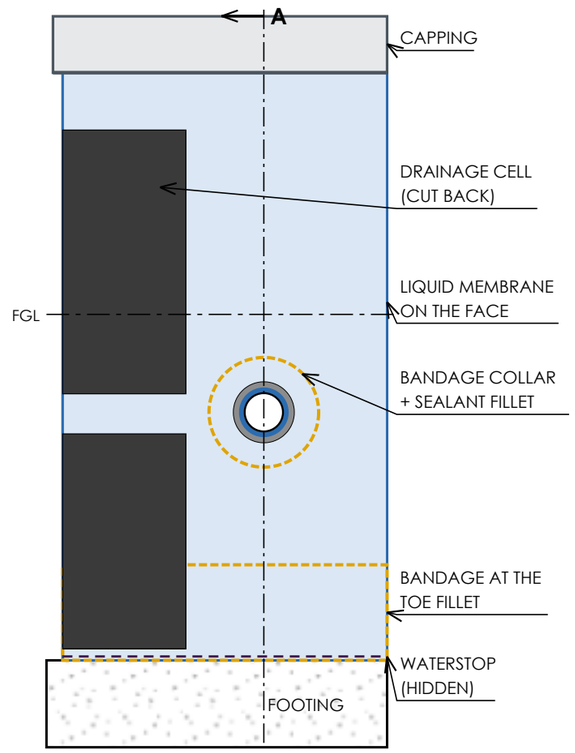
SECTION A–A

RETAINING WALL ON FOOTING – LIQUID MEMBRANE WITH DRAINAGE (NTS)



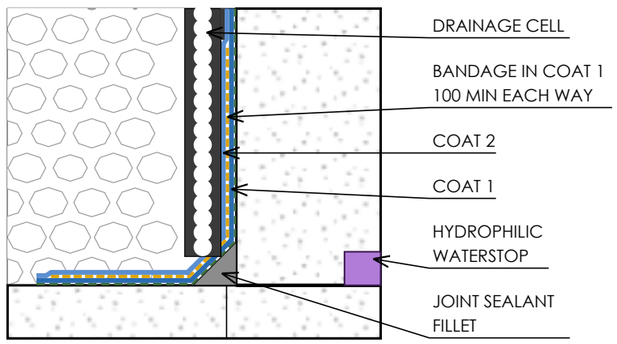
VIEW B–B

ELEVATION ON THE RETAINED FACE – BACKFILL AND CELL CUT BACK (NTS)



DETAIL C

WALL / FOOTING TOE – FILLET AND BANDAGE – 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.

STAGE 1 – CONSTRUCTION

2. FIX FORSPEC HYDROPHILIC WATERSTOP IN THE WALL / FOOTING JOINT BEFORE THE POUR. KEEP DRY UNTIL CONCRETE IS PLACED.
3. VAPOUR BARRIER UNDER THE SLAB TO AS 2870, BEFORE THE SLAB POUR (NCC 2025 VOL ONE F1D9, NCC 2022 F1D7). CLASS 1 (HP 4.2.4, 4.2.8, 4.2.11): 0.2mm POLYETHYLENE, LAPS MIN 200mm, PENETRATIONS AND PUNCTURES TAPED, ON MIN 20mm SAND OR GRADED STONE OVER THE FILL; COVER 30mm TO THE BARRIER, 40mm TO UNPROTECTED GROUND.
4. WALL FACE SOUND, CLEAN AND MIN 28 DAYS. FILL VOIDS AND TIE HOLES.

STAGE 2 – MEMBRANE

5. PRIME. FORSPEC JOINT SEALANT FILLETS ROUND EVERY PIPE AND AT THE WALL / FOOTING JUNCTION.
6. COAT 1 WITH THE FORSPEC BANDAGE SYSTEM EMBEDDED AT EVERY FILLET AND ROUND EVERY PIPE, 100mm MIN EACH WAY, THEN COAT 2 TO THE MIN DFT.
7. MEMBRANE UP THE RETAINED FACE, OVER THE WALL TOP AND DOWN THE INNER FACE UNDER THE CAPPING.

STAGE 3 – DRAINAGE, BACKFILL AND CAPPING

8. DRAINAGE CELL OVER THE CURED MEMBRANE. CLEAN GRADED GRAVEL WRAPPED IN GEOTEXTILE FABRIC AT THE BASE, WITH THE DRAINAGE AG LINE AT THE FOOTING TOE, GRADED TO A STORMWATER OUTFALL (BS 8102 CL 6.4).
9. CLEAN BACKFILL IN LAYERS WITHOUT DAMAGING THE SYSTEM.
10. FOLDED METAL CAPPING ON A TAPERED PACKER, FALLING TO THE RETAINED SIDE. LEGS MIN 50mm DOWN BOTH FACES WITH DRIPS. SEALED SIDE FIXINGS ONLY - NOTHING THROUGH THE TOP.

GENERAL

11. HOLD POINT: WATERPROOFING INSPECTION AND PHOTOS OF FILLETS, BANDAGES, PIPE COLLARS AND EACH COAT (WFT) BEFORE BACKFILL.
12. AMENDED FROM THE ORIGINAL TO COMPLY: VAPOUR BARRIER UNDER THE SLAB (NCC F1D9).
13. FORSPEC MAY REQUIRE AN ALTERNATE WATERSTOP BASED ON DESIGN CONDITIONS.

FORSPEC®
PROTECTIVE COATINGS

RETAINING WALL SYSTEM DETAIL - CONCRETE WALL ON FOOTING

FORSPEC STANDARD DETAIL - SUPERSEDES BGL001 1.0

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SCALE	DRAWING No	REFERENCE	REVISION
NTS	BGL001	BGL001 1.0	C
DATE	DESIGNED BY	DRAWN	CHECKED
09/11/2026	JG	JG	—