BITUTHENE ® HRA NEOPRENE

BITUTHENE ® HRA PROTECTION G
(OR PROTECTION P)

BITUTHENE ® HRA FABRIC

BITUTHENE ® HRA

SUBSTRATE

SEALANT AND
BACKER ROD
(BY OTHERS)

(SEE NOTE 1)

3"   4" MIN

1" MAX

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SEALANT AND
BACKER ROD
(BY OTHERS)

SUBSTRATE

(SEE NOTE 1)

3"   3"

1" MAX

NOTES:
1. DETAIL DESIGNED FOR JOINTS WITH MAX. MOVEMENT ACCOMMODATION FACTOR OF 25%.
2. BACKER ROD AND SEALANT ARE REQUIRED IN JOINT PRIOR TO HRA INSTALLATION.
3. IN COVERED/BURIED CONDITIONS, HRA IS EXTENDED AS CONTINUOUS FLASHING AS HIGH AS THE OVERBURDEN LEVEL. FLASHING MUST BE TERMINATED NO LESS THAN 4" ABOVE SUBSTRATE.
   ADDITIONALLY, ADEQUATE PROTECTION MUST BE PROVIDED FOR FLASHING FROM SUBSEQUENT TOPPING/BACKFILL. WHENEVER POSSIBLE THE EXPANSION JOINT SHOULD BE EXTENDED UP
   THROUGH ALL TOPPING LAYERS.
4. REGLETS CAN BE CAST/FORMED OR CUT INTO THE CONCRETE. REGLETS SHOULD BE MIN. $\frac{1}{2}$" DEEP AND PROVIDE AN EASY TRANSITION FOR THE MEMBRANE FLASHING.

gcp	EXPANSION JOINTS UP TO 1" AS-BUILT WIDTH BITUTHENE ® HRA MEMBRANE SYSTEM	DRAWING: HRA-004
		SCALE: NOT TO SCALE
		EFFECTIVE DATE: 03-01-2025
		SUPERCEDES: N/A