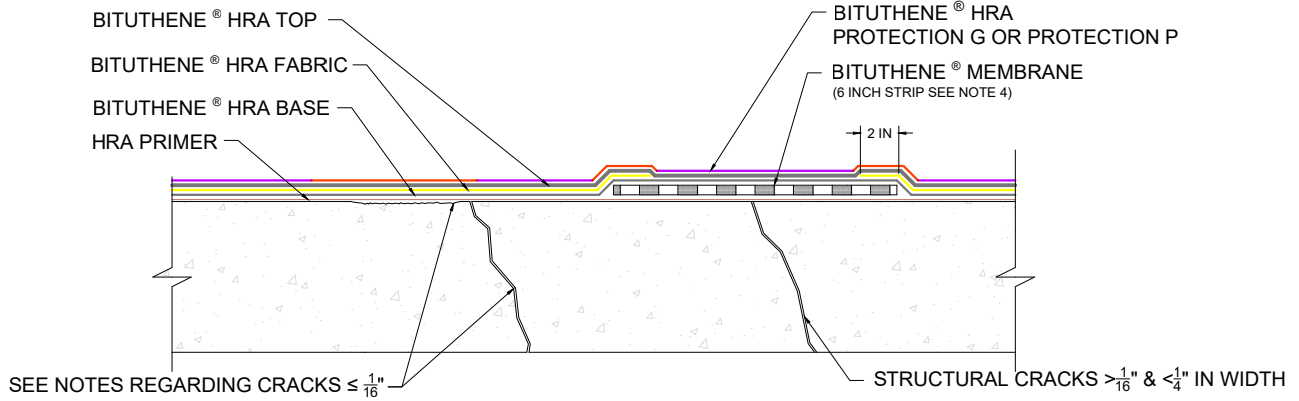
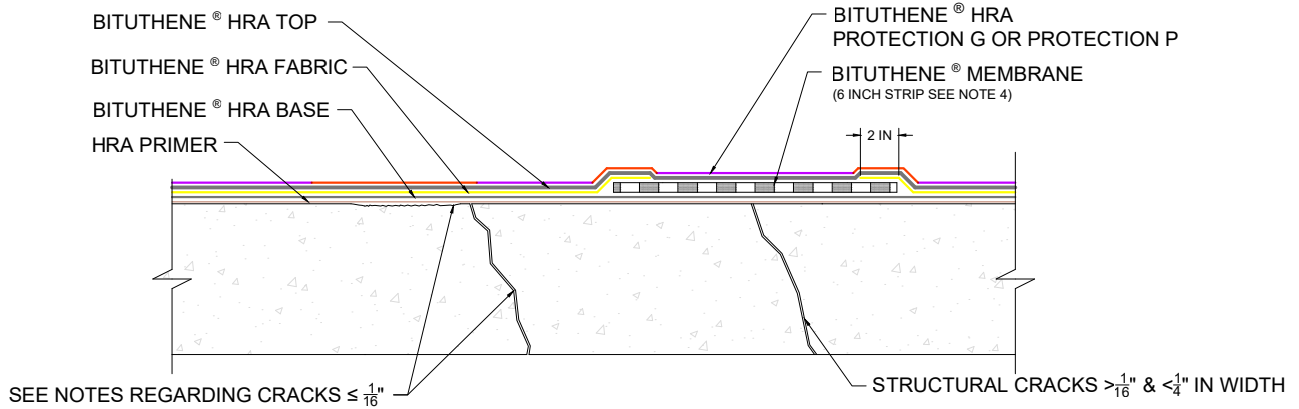


OPTION A



OPTION B



NOTES:

1. ADDTL REINFORCEMENT NOT REQUIRED FOR ROUGH CONCRETE OR CRACKS UP TO $\frac{1}{16}$ "
2. EXPANSION JOINTS UP TO 1" IN WIDTH AND MAX 25% MOVEMENT ACCOMMODATION FACTOR (REF. HRA-002B)
3. FOR EXPANSION JOINTS GREATER THAN 2", EXPANSION JOINTS ANTICIPATING GREATER THAN 25% MOVEMENT ACCOMMODATION FACTOR AND FOR SEISMIC EXPANSION JOINTS, THE USE OF PRE-FABRICATED, PROPRIETARY JOINT SYSTEMS SHOULD BE CONSIDERED
4. BITUTHENE® 3000, 4000, or LT MEMBRANE
5. FOR PERMANENTLY EXPOSED AREAS, BITUTHENE® HRA CAP IS ALSO ACCEPTABLE AS A PROTECTION COURSE



CRACK AND CONSTRUCTION JOINT TREATMENT
BITUTHENE® HRA WATERPROOFING SYSTEM

DRAWING: HRA-002A

SCALE: NOT TO SCALE

EFFECTIVE DATE: 01-30-2026

SUPERCEDES: N/A