



NOTES:

1. PENETRATION MUST BE PROPERLY SECURED TO STRUCTURE TO PREVENT VERTICAL OR LATERAL MOVEMENT. EXPOSED DECK CLAMPS ARE NOT APPROPRIATE.
2. SOME PIPE MATERIALS (PVC, COPPER, BRASS) MAY REQUIRE ROUGHENING/SANDING, IN ADDITION TO WIPING W/SURFACE CONDITIONER FOR PROPER ADHESION OF HRA. METAL PIPES MUST BE FREE OF ALL OIL AND RUST.
3. THE SAME DETAILING ABOVE WOULD BE EMPLOYED FOR PENETRATIONS THROUGH VERTICAL/FOUNDATION WALL APPLICATIONS.
4. IN COVERED/BURIED CONDITIONS, THE FLASHING DETAIL SHOULD BE EXTENDED AS HIGH AS POSSIBLE. FLASHING MUST BE TERMINATED AT OVERBURDEN LEVEL AND NO LESS THAN 6" ABOVE SUBSTRATE



PIPE PENETRATION
 PERM-A-BARRIER® HRA WATERPROOFING SYSTEM

DRAWING: HRA-005

SCALE: NOT TO SCALE

EFFECTIVE DATE: 07-01-2024

SUPERCEDES: N/A