The National Roofing Contractors Association (NRCA) is providing construction details as examples of quality installations for the specific roof or waterproofing material or system within BuildSite's Product Category listing in which you are searching.

The roof system construction details are from The NRCA Roofing Manual series, which was launched in 2007. The volumes in the series are *The NRCA Roofing Manual: Membrane Roof Systems—2007*, *The NRCA Roofing Manual: Metal Panel and SPF Roof Systems—2008*, *The NRCA Roofing Manual: Steep-slope Roof Systems—2009* and *The NRCA Roofing Manual: Sheet Metal Flashing, Moisture Control and Reroofing—2010*.
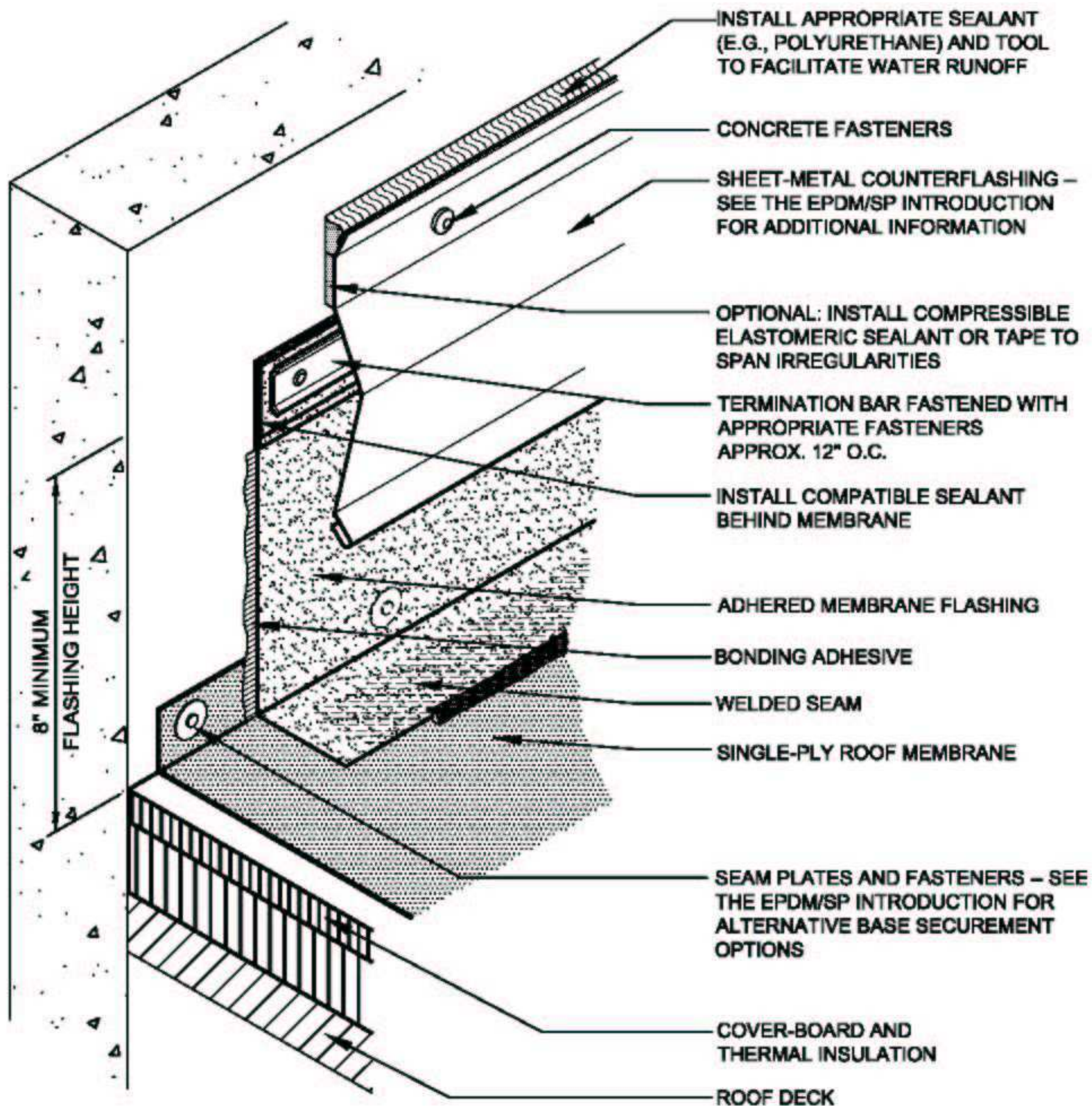
The waterproofing details are from *The NRCA Waterproofing Manual, 2005 Edition*. In publishing The NRCA Roofing Manual series, NRCA made the decision to no longer include the waterproofing section that was previously included in *The NRCA Roofing and Waterproofing Manual, Fifth Edition* (2001). Instead, the waterproofing section was updated and issued as a separate publication.

Additional information about roofing and waterproofing can be found on NRCA's Web site, www.nrca.net, or by calling NRCA at (847) 299-9070.

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NRCA Construction Details—Single-ply Roof Systems

SP-1   Base Flashing At Parapet Wall With Metal Cap (Coping)
SP-3   Embedded Edge Metal Flashing (Gravel Stop)
SP-4   Base Flashing With Surface-mounted Counterflashing At Concrete Wall
SP-19   Plumbing Vent (Premanufactured Boot)
SP-22   Roof Drain

INSTALL APPROPRIATE SEALANT (E.G., POLYURETHANE) AND TOOL TO FACILITATE WATER RUNOFF

CONCRETE FASTENERS

SHEET-METAL COUNTERFLASHING – SEE THE EPDM/SP INTRODUCTION FOR ADDITIONAL INFORMATION

OPTIONAL: INSTALL COMPRESSIBLE ELASTOMERIC SEALANT OR TAPE TO SPAN IRREGULARITIES

TERMINATION BAR FASTENED WITH APPROPRIATE FASTENERS APPROX. 12" O.C.

INSTALL COMPATIBLE SEALANT BEHIND MEMBRANE

ADHERED MEMBRANE FLASHING

BONDING ADHESIVE

WELDED SEAM

SINGLE-PLY ROOF MEMBRANE

SEAM PLATES AND FASTENERS – SEE THE EPDM/SP INTRODUCTION FOR ALTERNATIVE BASE SECUREMENT OPTIONS

COVER-BOARD AND THERMAL INSULATION

ROOF DECK

8" MINIMUM FLASHING HEIGHT

NOTES:

1. THIS DETAIL SHOULD BE USED ONLY WHERE THE DECK IS SUPPORTED BY THE WALL.
2. REFER TO THE ARCHITECTURAL SHEET METAL SECTION OF THE NRCA ROOFING AND WATERPROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.
3. REFER TO THE EPDM/SP INTRODUCTION FOR ADDITIONAL INFORMATION.

NATIONAL ROOFING CONTRACTORS ASSOCIATION

BASE FLASHING WITH SURFACE-MOUNTED COUNTERFLASHING AT CONCRETE WALL

2007   *NOT DRAWN TO SCALE*   **SP-4**