Chapter 6 – Anchored Masonry Veneer Systems

STEEL STUD-FRAMED BACKUP WALL: Saddle Flashing 3D Detail

Legend

1. Inverted roof membrane assembly over concrete roof structure
2. Inverted roof membrane
3. Self-adhered or fluid-applied flashing membrane, lap over roof membrane termination, roof penetration flashing membrane, and parapet saddle flashing membrane
4. Self-adhered sheet- or fluid-applied air barrier and WRB field membrane
5. Parapet saddle flashing membrane, extend onto sloped parapet blocking beyond anchored masonry veneer wall face (above)
6. Semi-rigid mineral fiber exterior insulation
7. Hot-dipped galvanized-steel standoff shell angle support on intermittent knife plates
8. Shelf angle knife plate support with roof penetration flashing membrane (per roof membrane manufacturer)
9. Mortar collection mesh
10. Sheet-metal flashing with hemmed drip edge
11. Anchored masonry veneer
12. High-temperature self-adhered membrane, lap membrane over parapet saddle flashing membrane and roof membrane termination
13. Exterior sheathing
14. Closed-cell spray foam insulation within framed parapet
15. Sloped standing-seam sheet-metal coping, end dam at anchored masonry veneer face beyond
16. Sheet-metal counterflashing with spring lock inserted into mortar bed beyond, seal with a sanded sealant over backer rod

Refer to Detail 6-12 and Detail 6-13 for more information.