Small Firm Forum

Architectural Detailing: Sharing What You and Others Have Learned
INDIVIDUALLY FLASH ALL EXTERIOR OPENINGS FOR FIXTURES SUCH AS WINDOWS, DOORS, AND VENTS TO MAKE THEM WATER TIGHT. PENETRATION FLASHING MATERIAL SHALL BE BARRIER-COATED REINFORCED AND SHALL PROVIDE 4 HOUR MILL PROTECTION FROM WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH ASTM D-779. SEALANT FOR GARAGE "FIRE RATING" OR EQUAL SHALL BE USED OVER SOLID BACKING FOR NAIL-ON-FLANGE TYPE FIXTURES A STRIP OF APPROVED FLASHING MATERIAL SHOULD BE AT LEAST 6" WIDE. FLASHING SHALL BE APPLIED IN A HEATHERBOARD MANNER AROUND THE FULL PERIMETER OF THE OPENING.

APPLY THE FIRST STRIP HORIZONTALLY IMMEDIATELY BELOW THE SILL. CUT IT SUFICIENTLY LONG TO EXTEND PAST EACH SIDE OF THE WINDOW, SO IT PROJECTS BEYOND THE VERTICAL FLASHING TO BE APPLIED LATER. FASTEN THE TOP EDGE OF THE SILL FLASHING TO THE FRAME, BUT DO NOT FASTEN THE LOWER EDGE, SO THE HEATHER-RESISTIVE BARRIER MAY BE SLIPPED UP AND UNDERNEATH THE FLASHING IN HEATHERBOARD MANNER. (SEE FIGURE A)

NEXT, FASTEN STRIPS OF FLASHING AT EACH VERTICAL EDGE (JAMB) OF THE OPENING. RUN THIS FLASHING BEYOND THE SILL FLASHING AND ABOVE WHERE THE HEAD FLASHING WILL INTERSECT. (SEE FIGURE B)

APPLY A CONTINUOUS SEAL TO THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE NEAR THE OUTER EDGE OR A CONTINUOUS SEAL TO THE PERIMETER OF THE OPENING AT A POINT TO ASSURE CONTACT WITH THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE. (SEE FIGURE C)

FOR FIXTURES WITHOUT A NAIL-ON-FLANGE THE FLASHING SHALL BE 12" MIN. WIDE AND EXTEND INTO THE ROUGH FRAME AT THE SILL AND JAMB IN A HEATHERBOARD MANNER.

THE FIXTURE SHALL THEN BE INSTALLED.

NEXT, APPLY A CONTINUOUS SEAL AT THE TOP (HEAD) MOUNTING FLANGE OR 6.5M. HEAD FLASHING AND EMBED THE BOTTOM OF THE HEAD FLASHING OVER THE SILL AND THE MOUNTING FLANGE OR 6.5M. FLASHING. CUT THIS FLASHING SUCH THAT IT WILL EXTEND BEYOND EACH JAMB FLASHING. FASTEN IN PLACE. (SEE FIGURE D)

APPLY REMAINING HEATHER-RESISTIVE BARRIER IN A HEATHERBOARD MANNER WITH THE SILL FLASHING LAPPING OVER THE TOP, AND THE HEAD AND JAMB FLASHING BELOW.

BASED UPON INDUSTRY STANDARDS APPROVED BY THE CALIFORNIA ASSOCIATION OF WINDOW MANUFACTURERS, (CARY).

FASCION NOTES: AT HEADS, JAMB'S AND SILLS ALL FASTENERS ARE TO BE NAILED THROUGH FIN NO CLOSER THAN 1" INCASE AND WITHIN 1" FROM EDGES. FASTENERS TO BE IN FACTORY DRILLED HOLES. NO NAILS SHALL BE BENT OVER THE NAILING FIN TO SECURE FINISH.
Kerstin Hellmann
2 1/2" ComfortBoard 80 R10
Ice + WaterShield HT
5/8" COX Ply
3x3 or 3x4 24" O.C. over trusses
Aluminum standing seam panels
6:12 Pitch
R5 3/4" Comfort Batt
1 1/4" ComfortBoard 80 R5
1x10 Board AYC Roughsawn
1x3 Batten AYC Roughsawn
Vycor 80V-S Vapor permeable membrane + Air barrier
UNIT 1111 OR 1113

UNIT 1115

5/8" - TYPE "X" GYP WALL BOARD

MINERAL FIBER INSULATION

RCSD CHANNEL @ 24" O.C.

NOTE:
- PROVIDE FIRE STOPPING AS REQUIRED FOR 1HR. CONSTRUCTION
- SEAL JOINTS AND PENETRATIONS W/ THE APPLICABLE 1-HR. SEALANT SYSTEM
- PROVIDE 1 HR. FIRE RATED BACKER PUTTY FOR OUTLETS

GA FILE NO. WP 3240

1HR INTERIOR SOUND & FIRE RATED WALL DTL

3" = 1'-0"