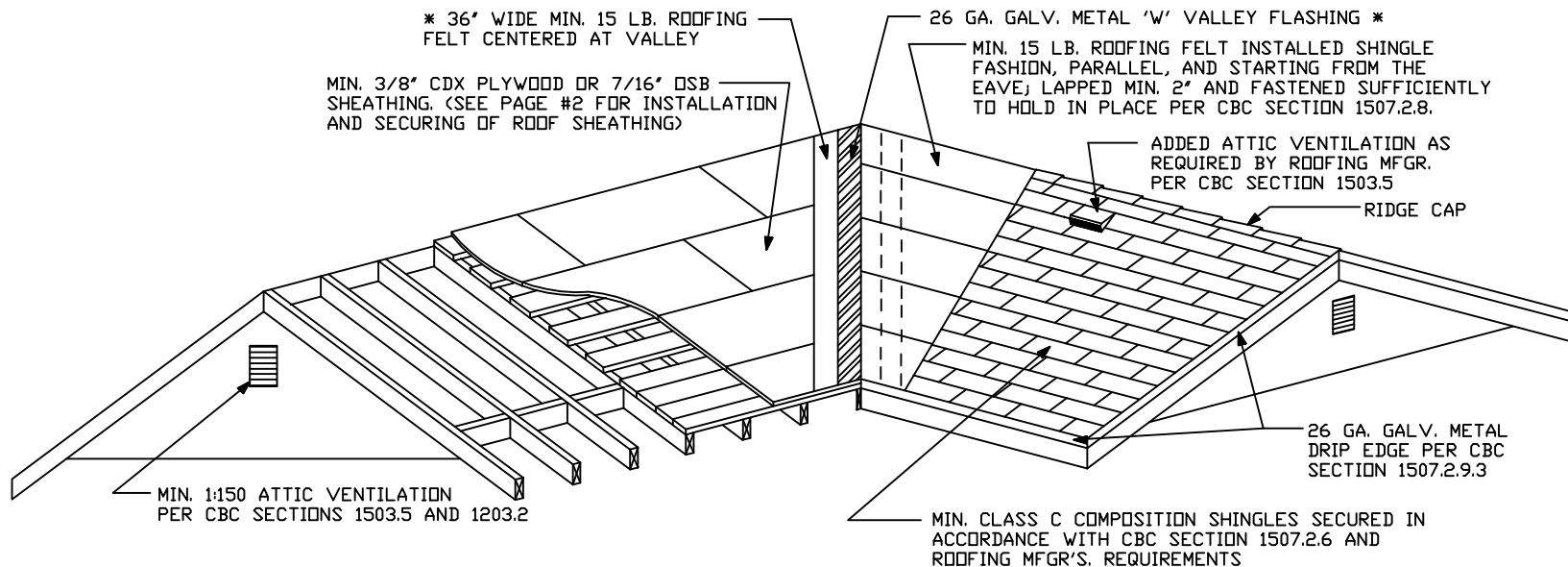




## RESIDENTIAL REROOF REQUIREMENTS USING COMPOSITION SHINGLES

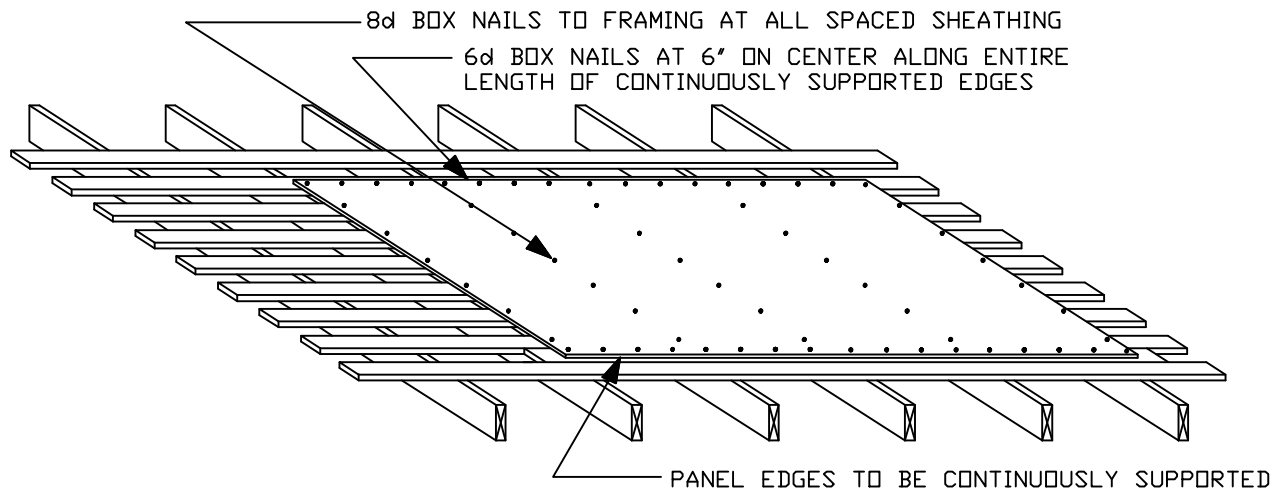
THIS DETAIL IS FOR AN INSTALLATION OVER SKIP SHEATHING WITH PLYWOOD OR OSB OVERLAY  
BASED UPON THE 2007 CALIFORNIA BUILDING CODE SECTIONS 1507 AND 1510



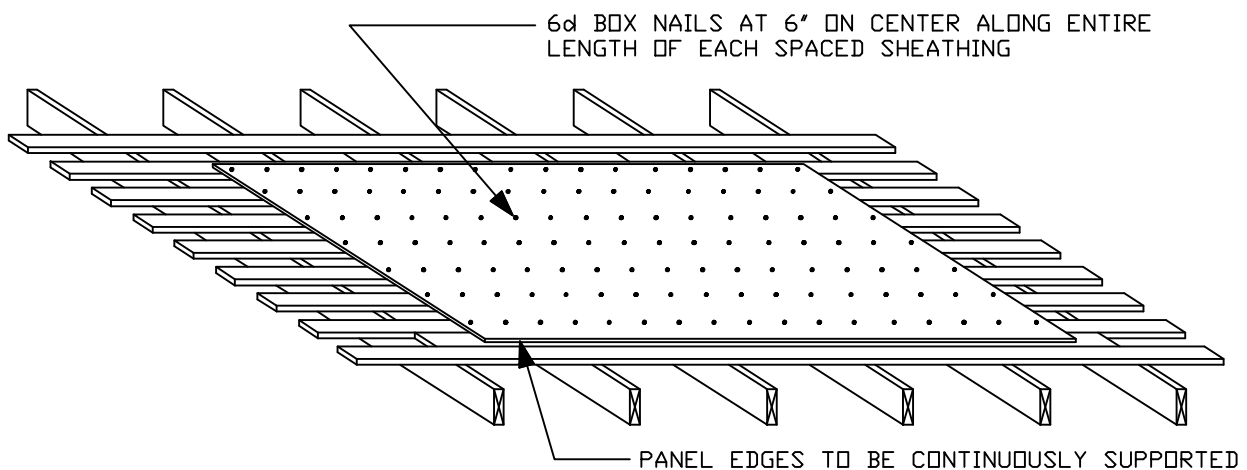
\* CLOSED-CUT OR WOVEN VALLEY MAY BE SUBSTITUTED AS ALLOWED AND INSTALLED PER MFGR'S. INSTALLATION REQUIREMENTS AND CBC SECTION 1507.2.9.2.

- NOTES: 1. PER CBC SECTION 1507.2.2, FOR ROOF SLOPES FROM 2:12 UP TO 4:12, THE UNDERLAYMENT SHALL BE 2 LAYERS MIN. 15 LB. ROOFING FELT INSTALLED IN ACCORDANCE WITH CBC SECTION 1507.2.8.
2. FOR SLOPES LESS THAN 2:12, PROVIDE MATERIAL APPROVED FOR THE APPLICATION.
3. A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY OR PENETRATION GREATER THAN 30" WIDE AS MEASURED PERPENDICULAR TO THE SLOPE. CRICKET OR SADDLE COVERINGS SHALL BE METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING PER CBC SECTION 1507.2.9.4

THE FOLLOWING INFORMATION IS BASED UPON THE APA GUIDELINES  
 PANELS ATTACHED TO ROOF FRAMING (THROUGH SPACED SHEATHING)



PANELS ATTACHED DIRECTLY TO SPACED SHEATHING



THE FOLLOWING REQUIREMENTS ARE PURSUANT TO THE 2007 CALIFORNIA BUILDING CODE CHAPTER 15

1. STRUCTURAL ROOF COMPONENTS SHALL BE CAPABLE OF SUPPORTING THE ROOF-COVERING SYSTEM AND THE MATERIAL AND EQUIPMENT LOADS THAT WILL BE ENCOUNTERED DURING INSTALLATION OF THE SYSTEM PER SECTION 1510.2
2. NEW ROOF COVERINGS SHALL NOT BE INSTALLED WITHOUT FIRST REMOVING ALL EXISTING LAYERS OF ROOF COVERINGS WHERE ANY OF THE FOLLOWING CONDITIONS OCCUR PER SECTION 1510.3:
  1. WHERE THE EXISTING ROOF OR ROOF COVERING IS WATER SOAKED OR HAS DETERIORATED TO THE POINT THAT THE EXISTING ROOF OR ROOF COVERING IS NOT ADEQUATE AS A BASE FOR ADDITIONAL ROOFING.
  2. WHERE THE EXISTING ROOF COVERING IS WOOD SHAKE, SLATE, CLAY, CEMENT OR ASBESTOS-CEMENT TILE.
  3. WHERE THE EXISTING ROOF HAS TWO OR MORE APPLICATIONS OF ANY TYPE OF ROOF COVERING.
 EXCEPTIONS:
  1. COMPLETE AND SEPARATE ROOFING SYSTEMS, SUCH AS STANDING-SEAM METAL ROOF SYSTEMS, THAT ARE DESIGNED TO TRANSMIT THE ROOF LOADS DIRECTLY TO THE BUILDING'S STRUCTURAL SYSTEM AND THAT DO NOT RELY ON EXISTING ROOFS AND ROOF COVERINGS FOR SUPPORT, SHALL NOT REQUIRE THE REMOVAL OF EXISTING ROOF COVERINGS.
  2. METAL PANEL, METAL SHINGLE AND CONCRETE AND CLAY TILE ROOF COVERINGS SHALL BE PERMITTED TO BE INSTALLED OVER EXISTING WOOD SHAKE ROOFS WHEN APPLIED IN ACCORDANCE WITH SECTION 1510.4.
  3. THE APPLICATION OF A NEW PROTECTIVE COATING OVER AN EXISTING SPRAY POLYURETHANE FOAM ROOFING SYSTEM SHALL BE PERMITTED WITHOUT TEAR-OFF OF EXISTING ROOF COVERINGS.
3. WHERE THE APPLICATION OF A NEW ROOF COVERING OVER WOOD SHINGLE OR SHAKE ROOFS CREATES A COMBUSTIBLE CONCEALED SPACE, THE ENTIRE EXISTING SURFACE SHALL BE COVERED WITH GYPSUM BOARD, MINERAL FIBER, GLASS FIBER OR OTHER APPROVED MATERIALS SECURELY FASTENED IN PLACE PER SECTION 1510.4.
4. EXISTING SLATE, CLAY OR CEMENT TILE SHALL BE PERMITTED FOR REINSTALLATION, EXCEPT THAT DAMAGED, CRACKED OR BROKEN SLATE OR TILE SHALL NOT BE REINSTALLED. EXISTING VENT FLASHINGS, METAL EDGINGS, DRAIN OUTLETS, COLLARS AND METAL COUNTERFLASHINGS SHALL NOT BE REINSTALLED WHERE RUSTED, DAMAGED OR DETERIORATED. AGGREGATE SURFACING MATERIALS SHALL NOT BE REINSTALLED PER SECTION 1510.5
5. FLASHINGS SHALL BE RECONSTRUCTED IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS. METAL FLASHING TO WHICH BITUMINOUS MATERIALS ARE TO BE ADHERED SHALL BE PRIMED PRIOR TO INSTALLATION PER SECTION 1510.6.