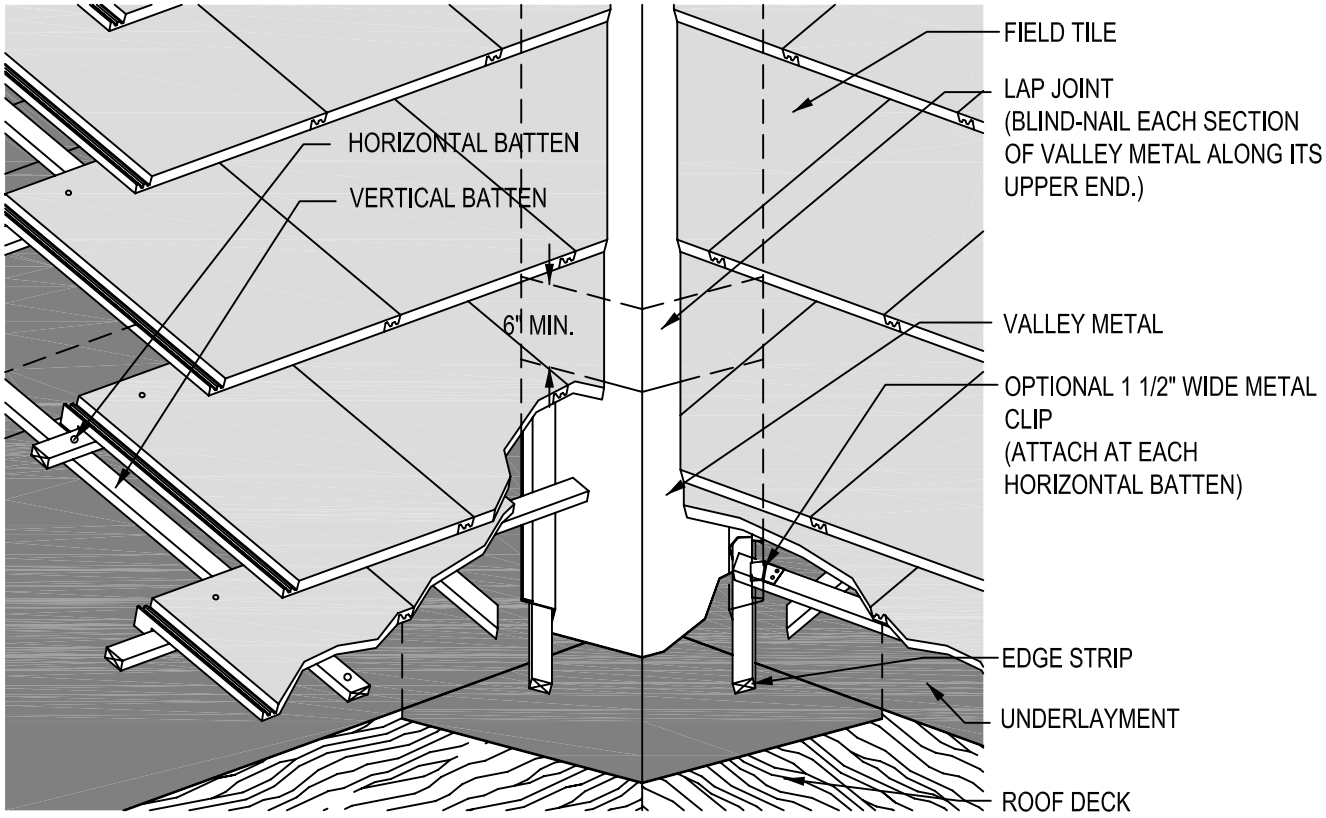
VALLEY METAL - FOR DEEP TROUGH VALLEY

MC-17B



OPTION 1
HORIZONTAL BATTEN
OVER METAL

OPTION 2
HORIZONTAL BATTEN
UNDER METAL

Note: Valley metals shall extend at least 11" from center line each way and shall have a splash diverter rib not less than 1" high at the flow line formed as part of the flashing. Other designs that will handle anticipated water flows may be used upon submission of supporting data indicating that anticipated water flows are equivalent to the code requirements.

Notes:

1. One layer of No. 30 asphalt-saturated felt complying with ASTM D-226 Type II (ASTM D4869 Type IV) as a minimum underlayment on all tile roof applications. Other underlayments as approved by local building officials will be allowed.
2. An ice-dam protection membrane, where required by code, shall be used on all downslope roof perimeter (e.g. eaves), valleys, and around penetrations.
3. Cut tile pieces shall be secured by one or a combination of the following: (a) code approved adhesive; (b) wire ties (c) batten extender (d) cut tile clip or (e) other code approved fastening device.
4. Metal valley flashing will be a minimum of 26 gauge G-90 galvanized steel, 16 oz. copper or an equivalent longevity non-corrosive metal. Metal valley flashing to comply with IBC section 1507.3.9, IRC section R905.3.8 and UBC section 1508.4 unless approved by local building official. On projects with large expansive roof areas and/or long rafter lengths wider valley metal is required. Tile shall extend over valley metal into valley trough a minimum of 1-1/2".
5. Other valley metal profiles are available.
6. For tile fastening schedule(s) see Fastening Table 1A and 1B.
7. Dimensions shown are minimums and are intended to be approximate to allow for reasonable tolerances due to field conditions.

Drawing shown depicts the application of all tile profiles. Unless otherwise noted it would apply to either concrete or clay tiles.

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