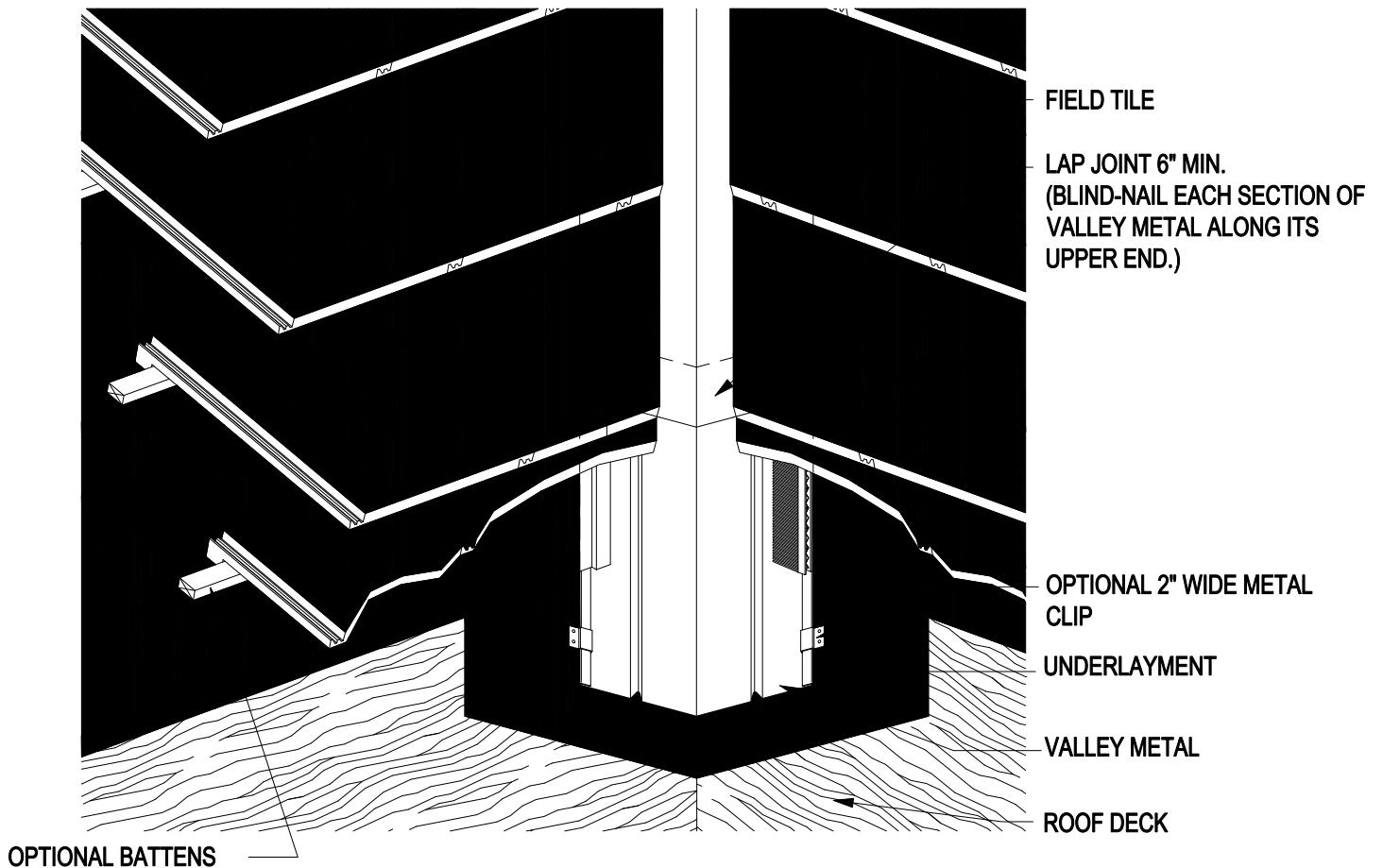


# OPEN VALLEY - TILE INSTALLED WITH GAP AT VALLEY METAL

MC-17

**NOTE:**

VALLEY METALS ARE AVAILABLE IN MANY PROFILES. THIS DRAWING SHOWS A GENERIC METAL FOR ILLUSTRATION PURPOSES.



Note: Tile valleys may be cut closed or open. Valley metals shall conform to IBC section 1507.3.9, IRC R905.3.8 and UBC section 1508.4. When flat profiled tile is installed as "closed valley" a ribbed valley metal or a single crown valley metal with a batten extension shall be used.

**Notes:**

1. One layer of No. 30 asphalt-saturated felt complying with ASTM D-226 Type II (ASTM D4869 Type IV) or approved equal as a minimum underlayment on all tile roof applications. Other underlayments as approved by local building officials will be allowed.
2. Cut tile pieces should 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.
3. Metal valley flashing is required to be a minimum of No. 26 gauge G-90 galvanized steel, 16 oz. copper or an equivalent longevity non-corrosive metal. Valley flashing metal will comply with IBC section 1507.3.9, IRC section R905.3.8 and UBC section 1508.4.
4. Other valley metal profiles are available. See MC-12B.
5. For tile fastening schedule(s) see Fastening Table 1A and 1B.
6. Battens for tiles with protruding anchor lugs are optional for slopes between 3:12 and 7:12. Direct deck attachment of tile is permissible, verify with local building code.
7. Dimensions shown are minimums and are intended to be approximate to allow for reasonable tolerances due to field conditions.
8. Valley metal design must be able to control and discharge expected water flows.