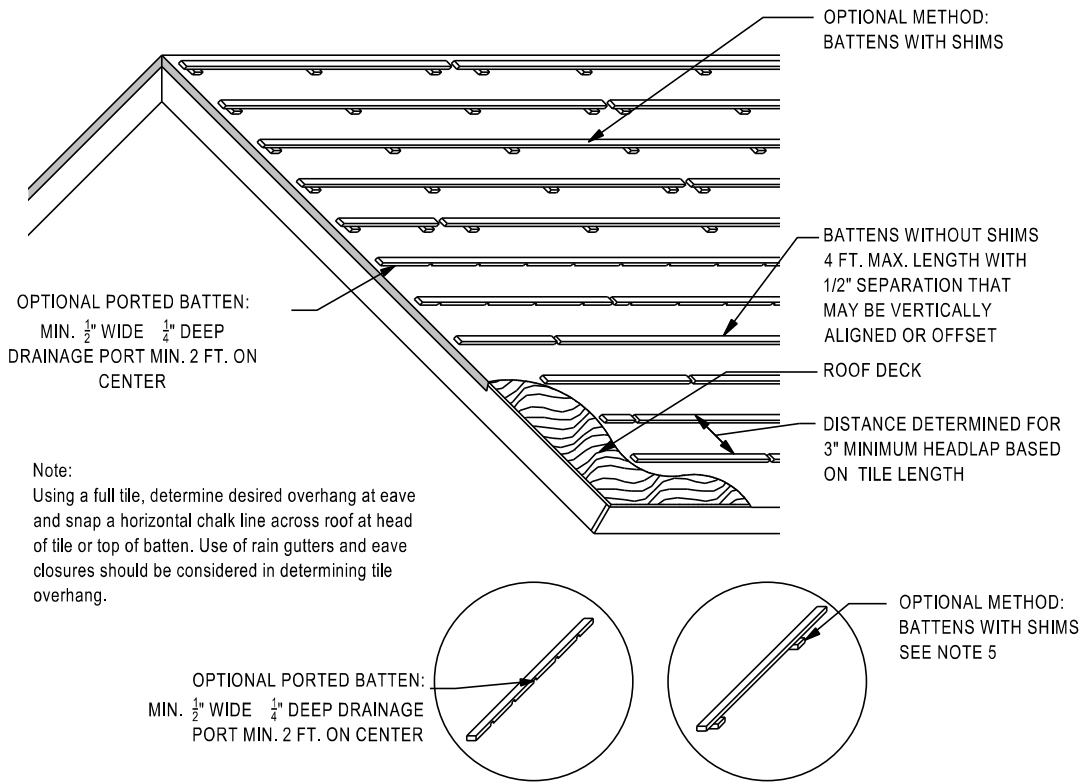


BATTEN LAYOUT OPTIONS

(FOR TILES WITH PROTRUDING ANCHOR LUGS)

MC-04



Notes:

1. For recommended underlayment and fastening requirement, see Table 1A and 1B.
2. Battens shall not be less than nominal 1-inch by 2-inch or other code approved products.
3. Battens shall be no longer than 48" and be separated with $\frac{1}{2}$ " minimum gaps at ends to allow drainage. An alternate method permits use of longer batten strips with shims of minimum $\frac{1}{4}$ " thick decay-resistant material (e.g. asphalt shingle, wood strips or cap sheet) at each fastener to provide drainage, or other methods approved by local building officials.
4. Battens for tiles with protruding anchor lugs are optional for slopes between 3:12 and 7:12. Direct deck nailing attachment of tile will be per local building code.
5. Consideration should be given to climate and roof orientation to determine if it is beneficial to specify/use vertical battens over underlayment, with horizontal battens secured over the vertical battens.
6. See Table 2 and Table 3 for additional batten considerations.

