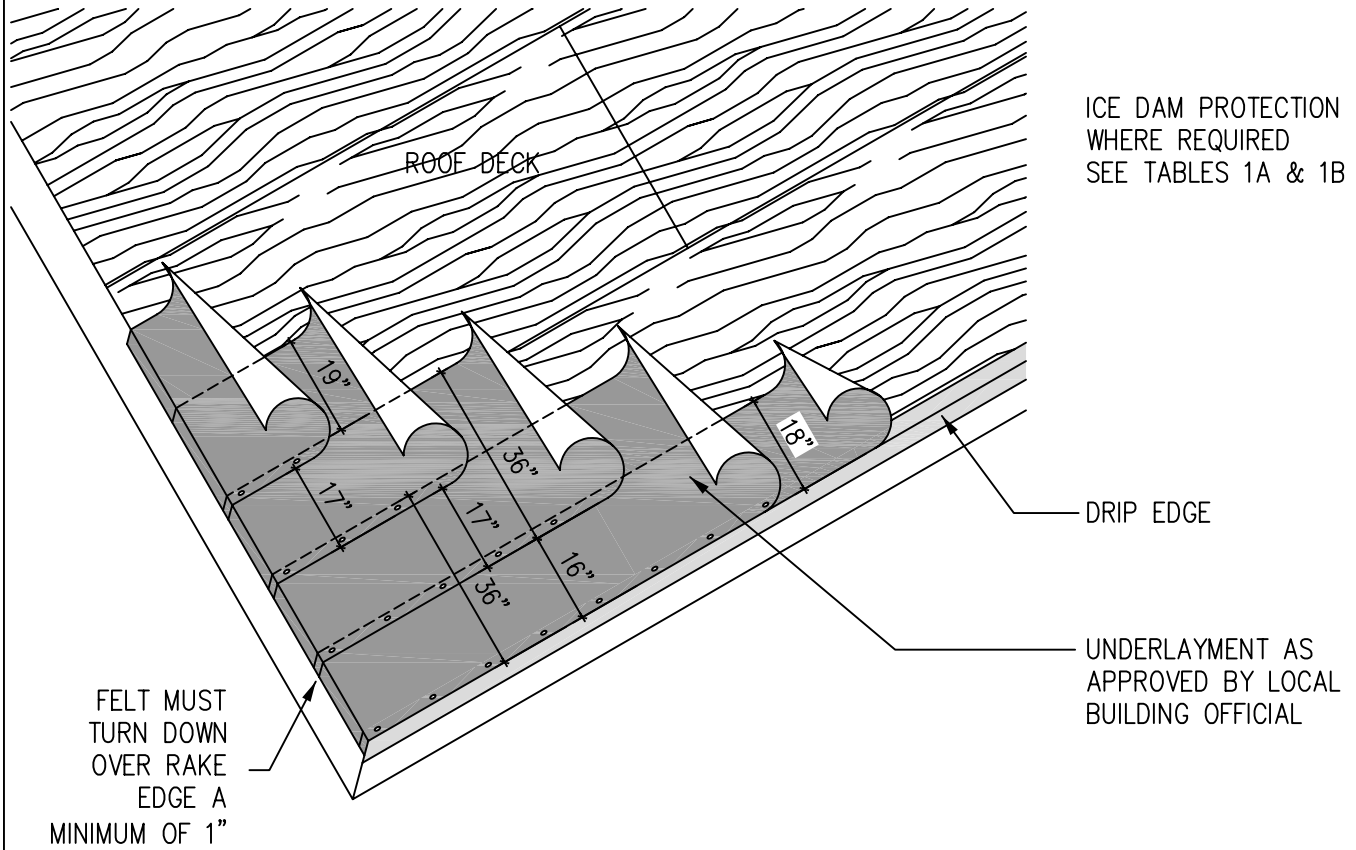


DOUBLE LAYER UNDERLAYMENT

(Required for 3:12 < 4:12, Optional Upgrade Above 4:12)

MC-01B



DRAWING DEPICTS TYPICAL 36" WIDE ROLLS LAPPED 19"

Notes:

1. Ensure that the roof deck is properly fastened, clean and smooth before underlayment and roof tiles are applied.
2. Verify that the roof deck has no significant delamination, warpage, bowing, or separation from the rafters or trusses. Check for roof deck rot or damage.
3. Make sure repairs are made to the roof deck as necessary to meet local building codes.
4. Apply a half sheet parallel to eave. Fasten underlayment sufficient to hold the felt in place.
5. Completely cover the starter sheet with a full-width sheet.
6. Most problems with water-shedding roof installations occur from water that migrates through improper flashing of the tile, wind-driven rain or ice damming. Because of this possibility, the underlayment is critical to the success of the roof system.
7. One layer of No. 30 asphalt-saturated felt complying with ASTM D-226 Type II (ASTM D4869 Type IV) or approved equal is required as a minimum underlayment on all tile roof applications. Other underlayments as approved by local building officials will allowed.
8. Underlayment shall extend a minimum of 4" up vertical wood blocking or wall.
9. Lap succeeding sheets to ensure double layers over entire roof. End laps shall be a minimum of 6" vertical lap.

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