

Asphalt shingle roofing guidelines

An Exterior Building Permit is required for residential re-roofing projects. Permits are available for \$20 after filling out the City of Yankton Building Permit application which is available at cityofyankton.org.

The City of Yankton has adopted the 2015 International Residential Code. The building code and City ordinances require the following:

- **Maximum** two (2) layers of shingles. Removal of existing roof coverings is required if the existing roof or roof covering is water soaked or deteriorated to the point of being inadequate as a base for additional roofing or if the existing roof is wood shake, slate, clay, cement or asbestos cement tile.
- Minimum roof slope 2:12
- Ice and water shield installed minimum **24"** inside exterior wall line. Underlayment installed per manufacturer's requirements based on slope and material type.

SINGLE-LAYER UNDERLAYMENT

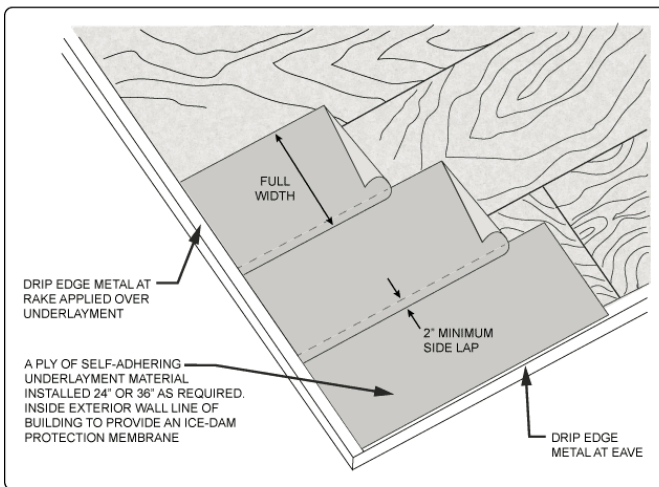


Figure 1: Single-layer underlayment with water and ice-dam protection membrane

DOUBLE-LAYER UNDERLAYMENT

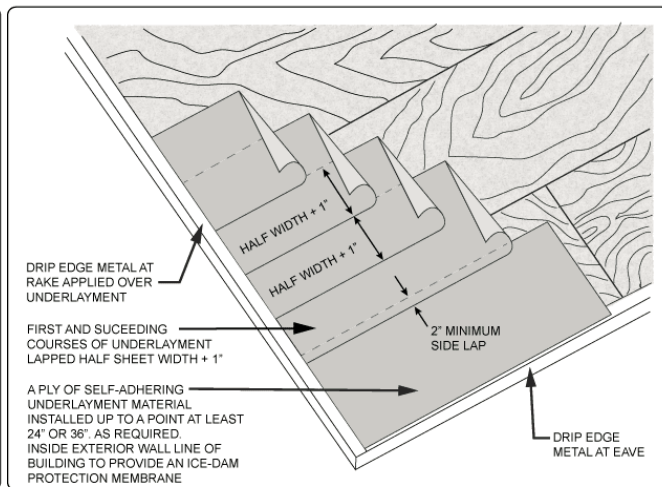
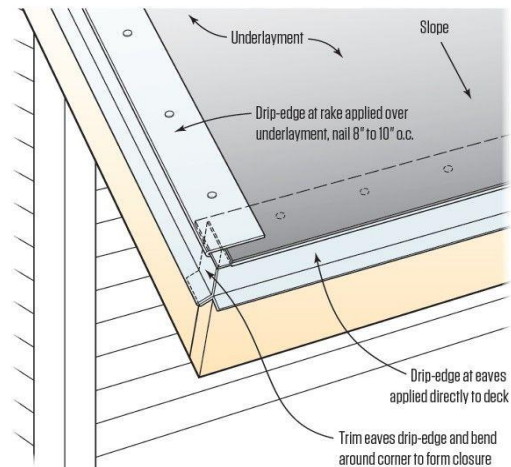
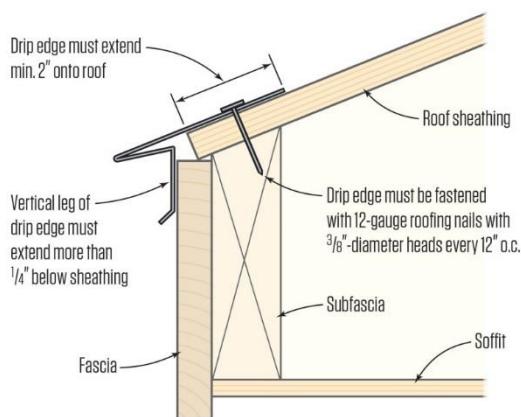


Figure 2: Double-layer underlayment with water and ice-dam protection membrane

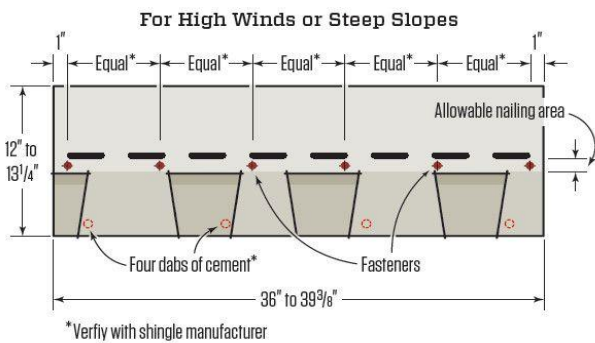
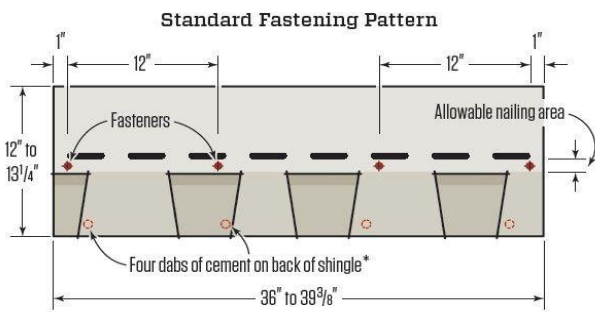
- Drip edge at eaves extending minimum 2" up sheathing, not less than 1/4" below sheathing (see detail). Underlayment shall be installed over drip edge at eaves, under drip edge at rakes.

Code Requirements for Drip Edge

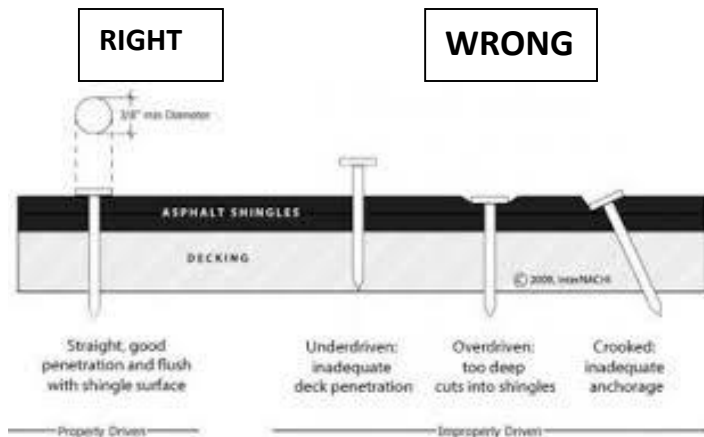


Drip-Edge Installation

- Nailing – minimum four (4) fasteners per shingle, more for high wind or steep slope applications. See manufacturer’s requirements. Fasteners shall be galvanized, stainless steel, aluminum or copper and must penetrate not less than 3/4” into roof sheathing, or through roof sheathing if less than 3/4” thickness. Do not overdrive fasteners. Shingles shall be fastened to solidly sheathed decks. For cold weather installation see manufacturer’s requirements – adhesive may be required.



Shingle Nailing



- Sidewall flashing against a vertical sidewall shall be continuous or stepped and shall not be less than 4” in height and width. Kickout flashing is highly recommended to direct water away from sidewalls at eaves.

Sidewall Flashing Details

