R905.2.8.5

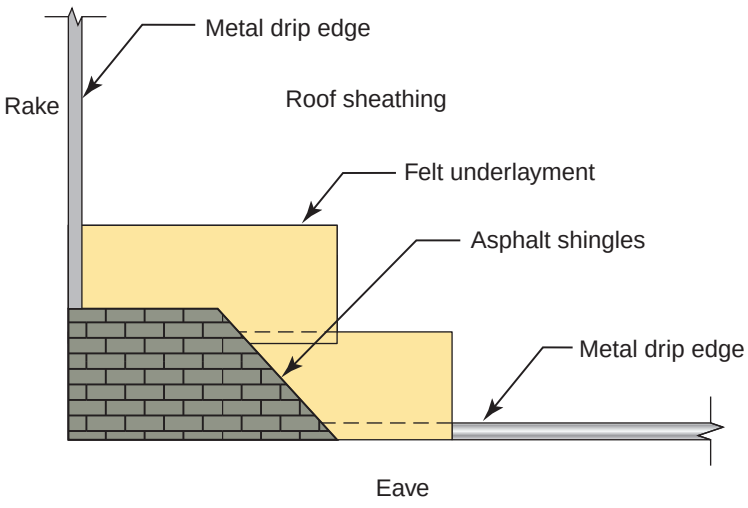
Roof Drip Edge

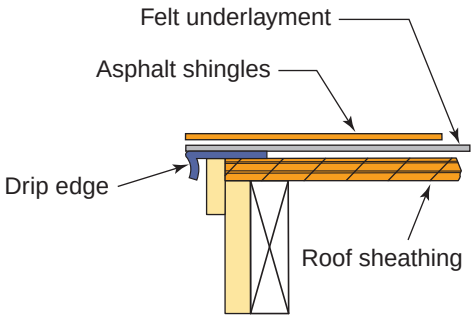
CHANGE TYPE: Addition

CHANGE SUMMARY: A roof drip edge is now required for asphalt shingles.

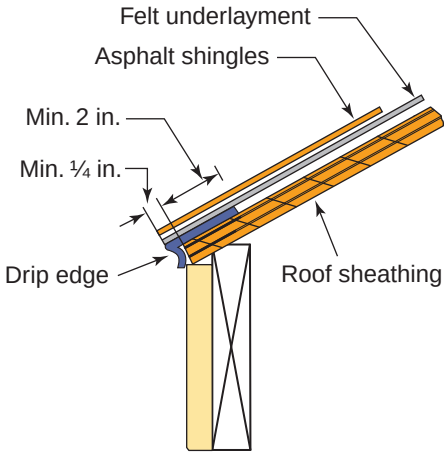
2012 CODE: **R905.2.8.5 Drip Edge.** A drip edge shall be provided at eaves and gables of shingle roofs. Adjacent pieces of drip edge shall be overlapped a minimum of 2 inches (51 mm). Drip edges shall extend a minimum of 0.25 inch (6.4 mm) below the roof sheathing and extend up the roof deck a minimum of 2 inches (51 mm). Drip edges shall be mechanically fastened to the roof deck at a maximum of 12 inches (305 mm) on center with fasteners as specified in Section R905.2.5. Underlayment shall be installed over the drip edge along eaves and under the drip edge on gables. Unless specified differently by the shingle manufacturer, shingles are permitted to be flush with the drip edge.

CHANGE SIGNIFICANCE: "Drip edge" is manufactured of corrosion-resistant metal, usually in 10-foot lengths, for installation under asphalt shingles and other roofing materials at the perimeter of the roof. This product is manufactured in various cross-section configurations, but all serve to direct water away from the face trim at the roof line. Drip edge





Section at rake



Section at eave

Roof drip edge

was not previously required for the installation of asphalt shingles unless it was part of the roofing manufacturer's installation instructions, which must be followed for installation of all roofing materials in accordance with Section R905.1. A drip edge provides additional support for the shingles at the perimeter of the roof, minimizing curling, and directs water away from fascia and rake trim. The IRC now requires a drip edge for all asphalt roof installations and provides direction for its proper installation. Underlayment must lap over the drip edge at the eaves. At the rake edges (the sloped edges that are referred to as "gables" in the code text), the drip edge must be installed over the underlayment. Fastening is accomplished using nails approved for asphalt shingles and spaced at no more than 12 inches on center.