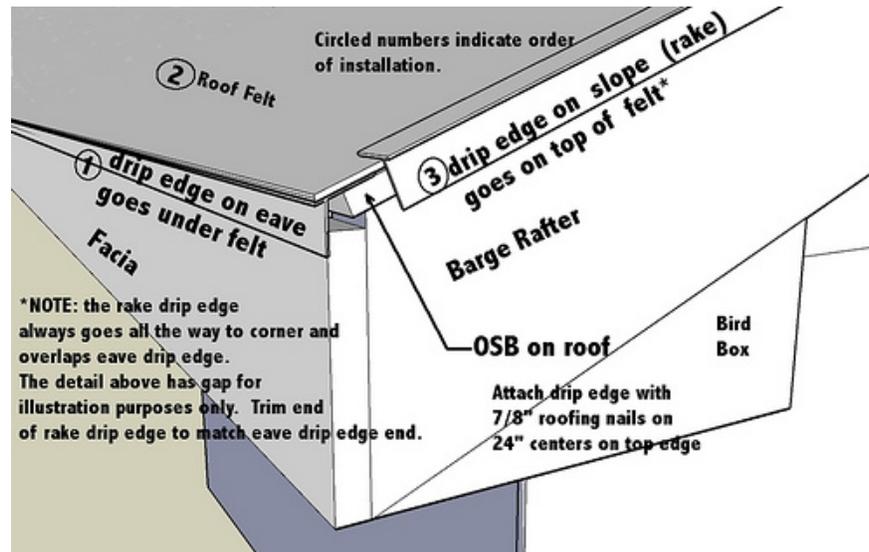




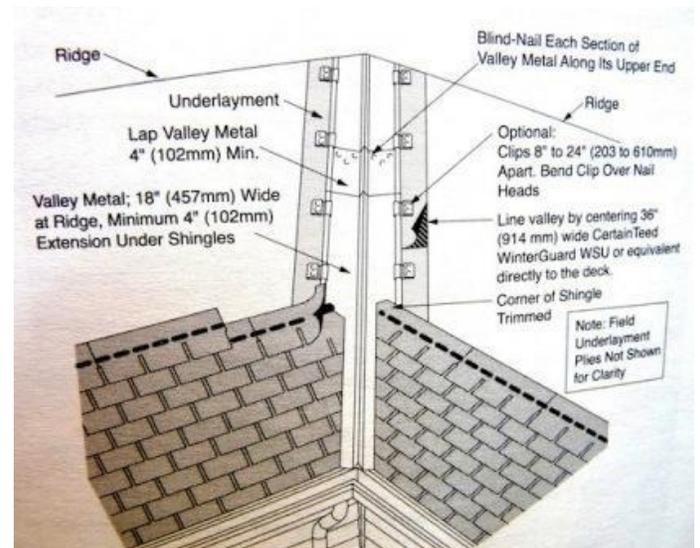
Roof Flashing Handout



Slope Limitations

- On slopes 4:12 and greater, the underlayment should have a 2-inch overlap.
- On slopes from less than 4:12 to 2:12, the underlayment should double layer and overlap at least 19 inches.
- Asphalt shingles should never be installed on slopes less than 2:12.

Open Valleys



Open valleys are those in which the roof-covering material stops several inches short of the centerline of the valley. The valley is protected from moisture intrusion by a W valley flashing. Minimum 24" wide 26 gauge, metal installed over galvanized/coated 72 # Cap Sheet or 90 # roll roofing.

Closed Valleys

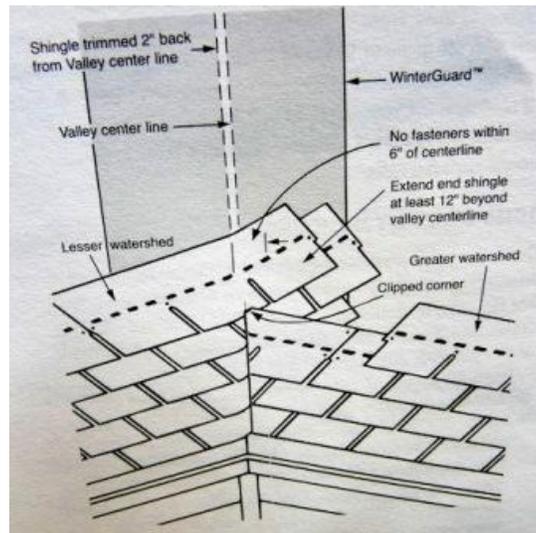
Closed valleys are those where shingles on one or both sides of the roof extend across the valley onto the adjacent roof slope.

You'll see two kinds of closed valleys: cut valleys, and woven valleys.

Before we tackle these, let's look at the valley lining, which can be different for closed valleys.

Because valley linings for closed valleys are protected by the shingles, the linings are not exposed to weather, abrasion or impact, and may be made of thick underlayment or thinner metal than that used for open valleys. under 24" wide 26 gauge valley metal.

Cut Valleys



Courtesy of CertainTeed®

With cut valleys, shingles from one roof slope extend several feet onto the adjacent slope, and shingles from the adjacent slope are cut parallel and just short of the center of the valley. In good installations, the top corner of the shingles are clipped to help route any cross-wash back into the valley.

More information can be found at: <https://www.nachi.org/asphalt-comp-shingles-part23-77.htm>