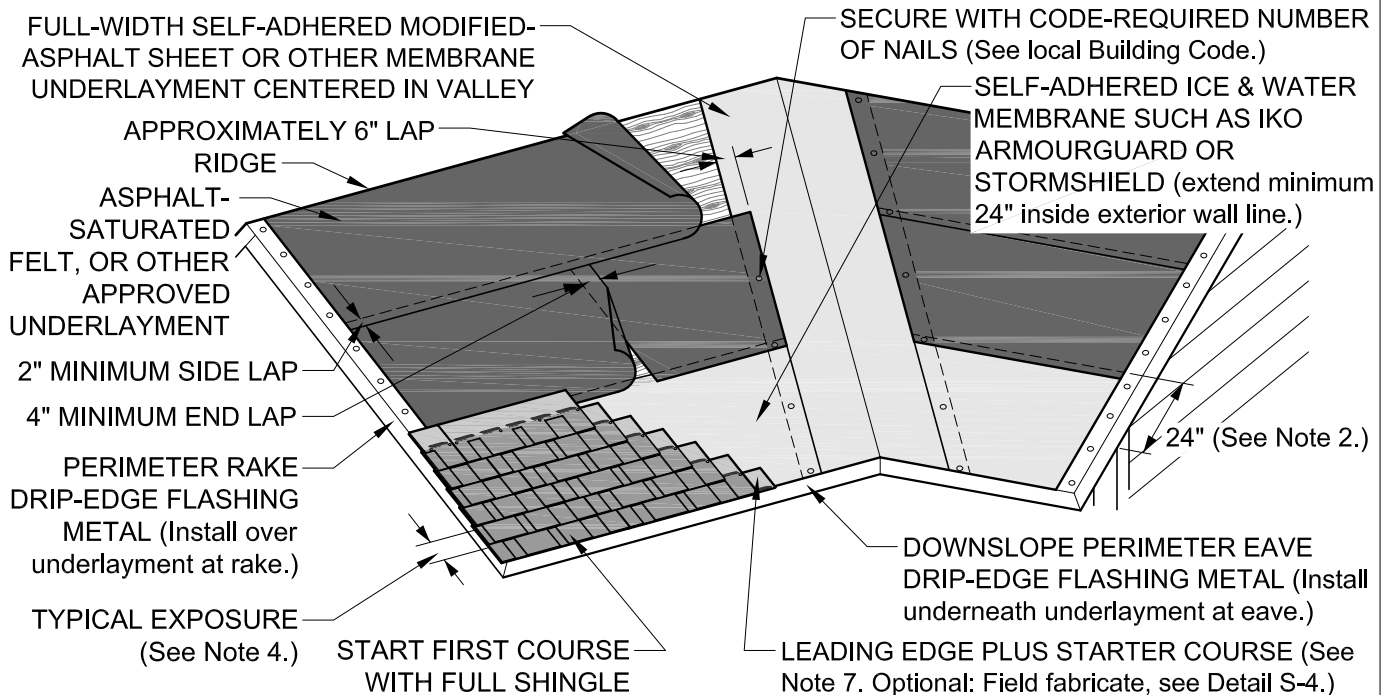


ICE-DAM PROTECTION MEMBRANE

S-2c

THROUGH VALLEY AND AT EAVE



Notes:

1. Cambridge/Dynasty shingles shown. Also applies to other styles.
2. In cold climates, where snow and ice are common an Ice & Water Protector membrane, such as IKO Armourguard or Stormshield, is recommended as an ice-dam protection membrane at all potential ice damming locations such as downslope eaves, valleys, crickets, around penetrations, and rake edges. At downslope roof perimeters it is recommended to extend the ice dam protection membrane 24" min. upslope from exterior wall. Consult local Building Code requirements.
3. Recommended minimum slope for installation of asphalt shingles is 4:12, if only one layer of No. 15 asphalt saturated felt or other approved water-shedding underlayment, such as IKO Stormtite, is specified. For roof slopes less than 4:12 a minimum of two layers of underlayment is to be installed "shingle" fashion with a 17" exposure and 19" sidelap. Shingles not recommended for slopes less than 2:12.
4. Exposure for Marathon shingles is 5-5/8". For Cambridge and Dynasty shingles the exposure is 5 7/8".
5. Install 4 shingle nails approximately 1" in from each edge and the remaining 2 nails evenly spaced along the length (slightly above each cut-out for Marathon). Consult IKO application instructions for "Nail-Zone" location and fastening requirements. Installations in high-wind zones (as designated by local Building Code) and/or slopes in excess of 21:12 are required to have a minimum of six (6) nails per shingle. Note: High wind warranty coverage on Dynasty shingles available with use of 4 nails. Consult IKO application instructions for hand-tabbing requirements as related to slope and wind criteria.
6. Severity of localized climate conditions regarding rainfall, freeze-thaw cycling, and anticipated snow and icing may dictate the installation of perimeter drip-edge metal flashing. Refer to local Building Code. See Detail S-3a.
7. Install Leading Edge Plus starter course per written instructions. Maintain starter and first course offset. See Detail S-4.
8. Leading Edge Plus strips may be installed along rake edge prior to installing shingle courses in lieu of, or in addition, to perimeter edge metal flashing. See Detail S-5.
9. Dimensions shown are recommended minimums and are intended to be approximate to allow for reasonable tolerances due to field conditions.
10. The profile of specific components, their configuration or sequencing, can vary with the roof system, with climatic differences, and regional or area practices.