

# CITY OF AFTON ROOFING PERMIT REQUIREMENTS

## Permit Requirements

A roofing permit is required for all roofing/reroofing work. A permit will be issued after a completed building permit application, including the roofing contractor's license number (owners doing reroofing on their own property are not required to be licensed) is submitted. After a preliminary review additional information may be required. For re-roofing of a commercial or industrial building, please contact the building official at 651-436-6469 for specific requirements.

## Required Inspections

Please provide photos of the underlayment in lieu of physical ice & water protection inspection. The photos should be attached to the inspection card in a waterproof bag for verification by the building official.

A final inspection is required when the roof is complete for flashing, venting and kickouts. Upon satisfactory completion of work, the building official will sign off on the inspection card.

For all inspections, please call Duane Stensland 651-436-6469 at least 24 hours in advance of the desired inspection time.

## Roofing requirements for Asphalt Shingles

**Ice Protection:** An ice barrier that consists of at least two layers of underlayment cemented together or a self-adhering polymer modified bitumen sheet, shall be used in lieu of underlayment and extend from the eave edge to a point 24" inside the exterior wall line of the building. ( IRC R905.2.7.1)

**Valley Flashing:** Valley linings shall be installed in accordance with the manufacturer's installation instructions before applying shingles. Valley linings of the following type shall be permitted:

1. For open valley (valley lining exposed) lined with metal, the valley lining shall be at least 24" wide and of corrosion-resistant material.
2. For open valleys, valley lining of two plies of mineral surface roll roofing, complying with ASTM D 249, shall be permitted. The bottom layer shall be 18" and the top layer a minimum of 36".

3. For closed valleys (valley covered with shingles), valley lining of one ply of smooth roll roofing complying with ASTM D 224 Type II or Type III and at least 36" wide or valley lining as described in items 1 and 2 above shall be permitted. Specialty underlayment complying with ASTM D 1970 may be used in lieu of the lining material. ( IRC R905.2.8.2)

**Sidewall Flashing:** Flashing against a vertical sidewall shall be by step flashing method.

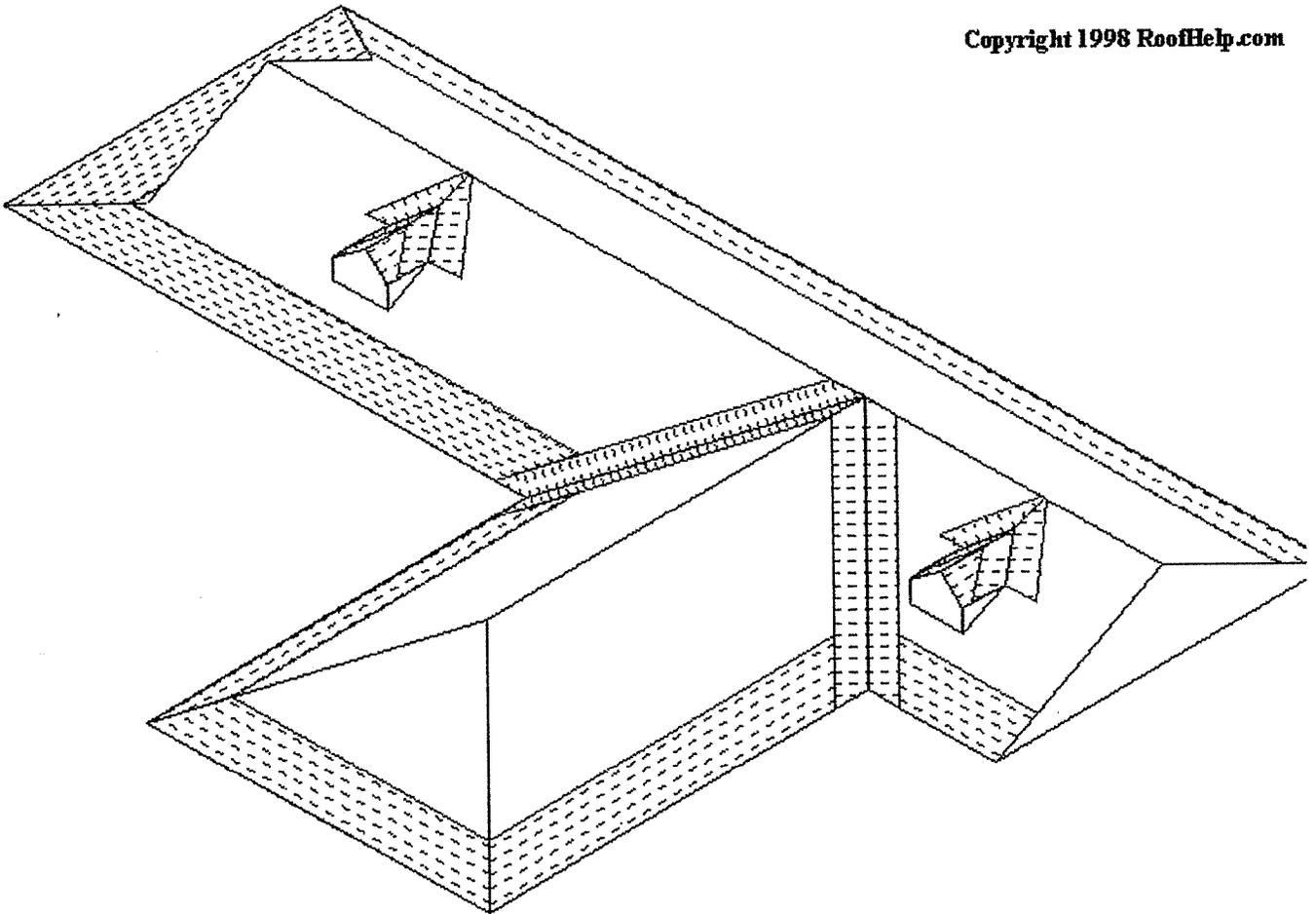
**Other Flashing:** Flashing against a vertical front wall as well as soil stacks, vent stacks, and chimney flashing, shall be applied according to asphalt shingle manufacturer's printed instructions. (IRC 905.2.8.5)

**Fasteners:** Asphalt shingles shall be fastened with not less than four nails or approved staples. Nails shall be not less than 12 gage with a 3/8-inch diameter head. Nails shall be sufficient length to penetrate through the roofing material and at least 3/4-inch. Where the sheathing is less than 3/8-inch, the fasteners shall penetrate the sheathing. ( IRC R905.2.4)

**Attic Ventilation:** Attic ventilation is recommended for enclosed attic spaces. For design criteria see IRC R806.

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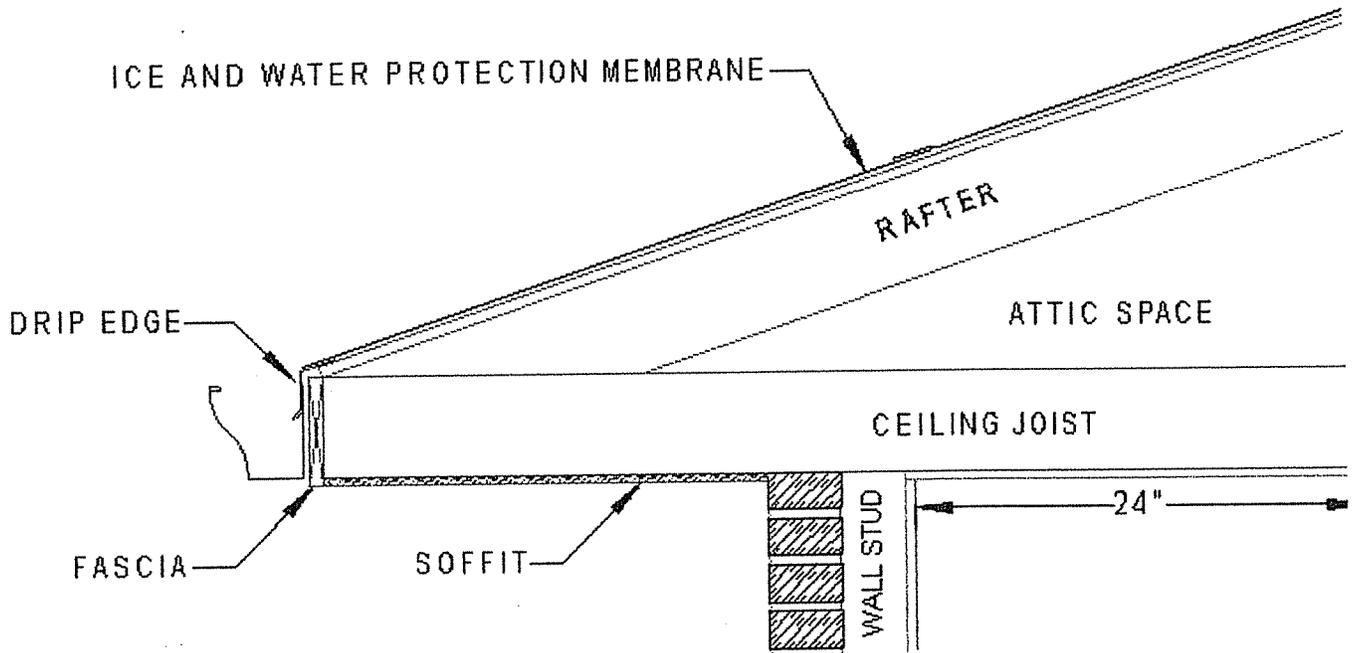
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