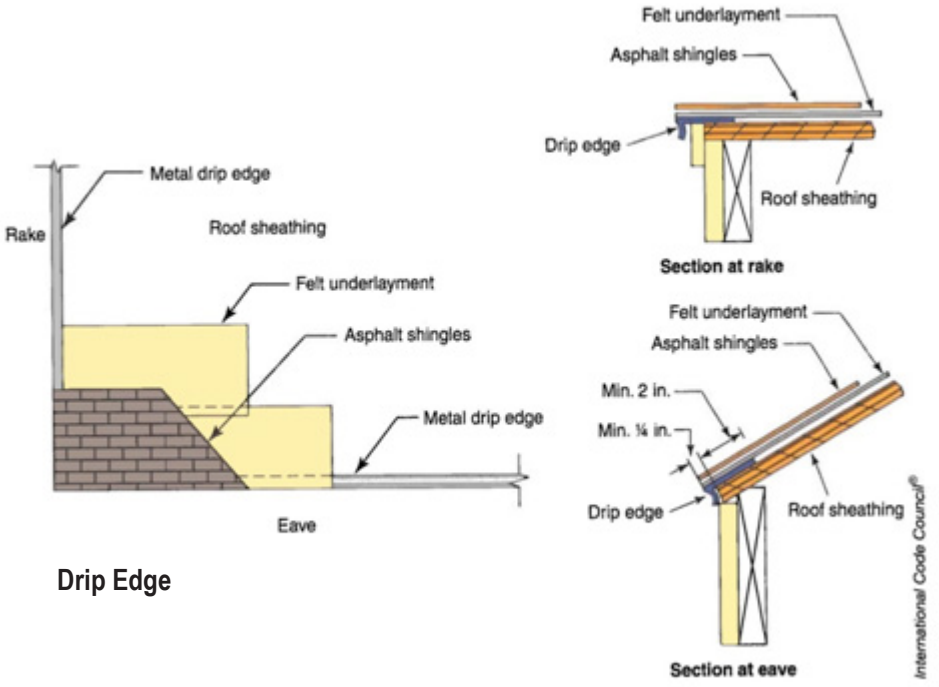
DRIP EDGES NOW REQUIRED BY CODE AT EAVES AND GABLES OF SHINGLE ROOFS IN GA

Drip edges are now required at the eaves and gables of asphalt shingle roofs by the current Georgia State Minimum Standard Residential Code. This new mandatory code requirement became effective statewide in GA when the new 2012 Edition of the International Residential Code (IRC) went into effect on January 1, 2014. Drip edges were not required previously by the GA State Residential Code for the installation of asphalt shingles unless it was part of the roofing manufacturer's installation instructions.

Section R905.2.8.5 'Drip edge' of the 2012 International Residential Code for One and Two Family Dwellings (State Minimum Standard Residential Code) states: "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) o.c. with fasteners as specified in Section R905.2.5. Underlayment shall be installed over the drip edge along eaves and under the underlayment on gables. Unless specified differently by the shingle manufacturer, shingles are permitted to be flush with the drip edge."



Drip Edge

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 2012 IRC now requires a drip edge for all asphalt shingle 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.

In addition, IRC Section R905.2.8.3 'Sidewall Flashing' now recognizes both step and continuous type base flashings where sloped roofs meet walls. It is also important to note for existing roof replacements, IRC Section R907.5 'Reinstallation of materials' requires any existing flashings, edgings, outlets, vents or similar devices that are a part of the assembly shall be replaced when rusted, damaged or deteriorated.

If you have any questions about the new requirement for drip edges, please contact the DCA Construction Codes Office at 404-679-3118 or constructioncodes@dca.ga.gov

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OFFICE OF CONSTRUCTION CODES WINS "EXCEEDING EXCELLENCE" AWARD!

The Department of Community Affair's "Exceeding Excellence" award reinforces the state's Faster, Friendlier, Easier customer service initiative. This quarterly honor recognizes employees who show exemplary customer service by going above and beyond their required job duties.

The fourth quarter 2013 award honors the Office of Construction Codes, in the Community Development Division.

When a carbon monoxide leak at an Atlanta elementary school made dozens of children and adults sick, Governor Nathan Deal called on DCA to study the problem and make recommendations. The assignment fell to our Office of Construction Codes.

Although the assignment added to an already very busy calendar of code reviews then under way, the Construction Codes team (Ted Miltiades, Max Rietschier, Bill Towson, Dee Leclair, Calvin Jordan, John Watts and Traci Turgeon) quickly assembled a task force of experts in the field, along with school leaders, utility representatives and safety officials. Using the existing structure of DCA's State Codes Advisory Committee, in conjunction with the State Fire Marshal and the Department of Education, and with the support of Ted's staff, this group examined every angle of the problem of carbon monoxide in schools.

The Office of Construction Codes assembled and published the group's recommendations in time for the beginning of the 2013-2014 school year. Their work gave local officials and educators the authoritative research they needed to make responsible policy decisions about how to manage the risk of carbon monoxide in schools. The report is available on the DCA website on the Office of Construction Codes Publications page.

The nomination for the Office of Construction Codes stated, "the work of the task force and Ted's staff was an excellent example of government responding effectively to an important public safety issue."

As "Exceeding Excellence" winners, the Construction Codes team will receive agency-wide recognition and lunch with Commissioner Corbin.