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## 2020 Roofing Regulations

**I-CODES: 2018**

**NEC: 2020**

**IECC: 2012**

**Building Permits shall be posted on house prior to starting work.**

The Town of Eaton has adopted the 2018 International Residential Code – sec. R908. All contents of this handout are substantiated in this code. For personal verification of related code requirements, go to [iccsafe.org](http://iccsafe.org)

**Roofing Contractor:** Contractors must register at <https://eatonco.cascadesoftware.net/> Click on Register as Contractor and fill out all necessary information. Contractors will need to be verified by the Town prior to having access to apply online for a permit.

\*\*\*Repair or replacement of less than 1 square of shingles does not require a permit.

**Design Criteria:**

Table R301.2(1)											
Climatic and Geographic Design Criteria											
Ground Snow Load	Wind Design		Seismic Design Category	Subject to Damage From			Winter Design Temp	Ice Barrier Underlayment Required	Flood Hazard	Air Freezing Index	Mean Annual Temp
	Speed (mph)	Topographic Effects		Wintering	Frost Line Depth	Termite					
30 psf	115	No	B	Severe	30 in	Slight to Moderate	1	Yes	*	1000	45°F

*\*Ice Barrier IS REQUIRED per section R905.1.2. Drip Edge per section R905.2.8.5*

**Tear-off:** All roofing material shall be removed prior to new application (except one (1) layer of asphalt shingles is allowed to have an additional layer of asphalt shingles applied).

**Underlayment:** Roofs with 4:12 and greater slopes shall be minimum 1-layer. 2:12 to 4:12 slope shall be 2-layer. Less than 2:12 slope requires modified bitumen. Low slope patio covers, and accessory buildings require modified bitumen if dimensional shingles are used to match shingles on principle building.

Plank deck underlayment is allowed if spacing does not exceed 3/8". Replace damaged or questionable roof sheathing.

**Roof covering:** Dimensional shingles. 3-tab shingle are NOT allowed. Replace damaged roof jacks, vents and flashing. Add roof vents per R806 or where needed case by case. Roof recover not allowed where the existing roof has two or more applications of any type of roof covering. (R908.3.1.1)

**Fasteners:** Per manufacturer’s installation instructions and ASTM F 1667 to meet 115 Ultimate Wind Exposure C.

**Inspections:** A mid-roof inspection **ONLY** required for commercial roof assemblies. All shingles are expected to lay flat. Permit Card must be available for inspector. **Contractor is required to provide a secured ladder for the inspector** per IRC 109.3 and IBC 110.5.

- Seal all shiners, i.e.: roof jacks, roof vents and ridge caps.
- PRIOR to calling for inspections clean up all debris in yard, roof and clean out gutters/downspouts.
- Permit card and ladder must be onsite in order to complete inspection.