

## BUILDING DIVISION ROOFING REQUIREMENTS 2021 IRC

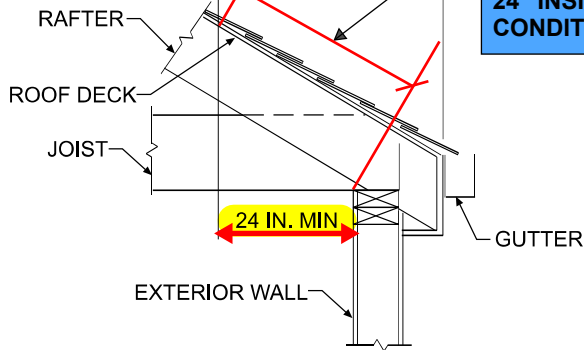
### RE-ROOFING PERMIT REQUIREMENTS

REPAIR AREA	PERMIT	REPAIR REQUIREMENTS <sup>a,d</sup>	SHINGLE REQUIREMENTS
LESS THAN 100 SF	NOT REQUIRED	Repair Allowed <sup>b</sup>	To match existing allowed <sup>c</sup>
UP TO 49%	REQUIRED	Repair Allowed <sup>b</sup>	To match existing allowed <sup>c</sup>
50% OR GREATER	REQUIRED	Complete Removal and Replacement	Class 4 Impact Resistance (UL 2218)
Ice barrier is required. See R905.1.2 for requirements			
Drip edge is required at eaves and rake edges. See R905.2.8.5 for requirements.			
Do not re-use existing flashings if buckled, rusted, bent, cracked, or broken. Follow manufacturer's terms for warranties. Replacement to be determined between owner, contractor, and insurance parties.			

- a. Must comply with manufacturer's installation instructions.
- b. Repairs are not allowed where the existing roof has two or more applications of any type of roof covering, regardless of the area of the repair.
- c. Must be a minimum class C (UL 790 fire rating)
  - Class A required within LFRA Wildland Urban Interface area. [Link here](#)
- d. Shingle tie-in for adjoining roofs on attached single family residences.
  - Use an approved method by the manufacturer. Capping open seams or weaving new shingles into existing shingles is not permitted (unless specifically approved by the manufacturer).
  - It is recommended to work closely with the homeowner's association and neighboring property owner(s).
- Roofing Affidavit (or Roofing Certification) required (attached with application).
  - Completed form states: 1) Class of roof covering installed, 2) manufacturer's installation requirements were met per Loveland area design wind speed, 3) ice barrier was installed per R905.1.2.
  - Printed images of sheathing replacement (if action occurred, before and after), and completed underlayment installation. Include ice barrier with measurement verifying 2 ft. inside exterior wall, valley flashing, sidewall and other flashings, and nailing pattern. Dryer vents shall be provided with backdraft dampers and not have screens.
  - **Submit completed affidavit and date/time stamped pictures of the whole house (showing address) to [buildinginspectionletters@cityofloveland.org](mailto:buildinginspectionletters@cityofloveland.org) 1 day prior to scheduled final inspection. Without pictures, the inspection will be disapproved and must be rescheduled.**

# ROOF PICTURES TO INCLUDE

2 LAYERS OF UNDERLAYMENT  
CEMENTED TOGETHER OR  
WATERPROOFING MEMBRANE



PROVIDE  
MEASUREMENT  
THAT ICE BARRIER IS  
24" INSIDE  
CONDITIONED SPACE

SIDEWALL &  
OTHER  
FLASHINGS

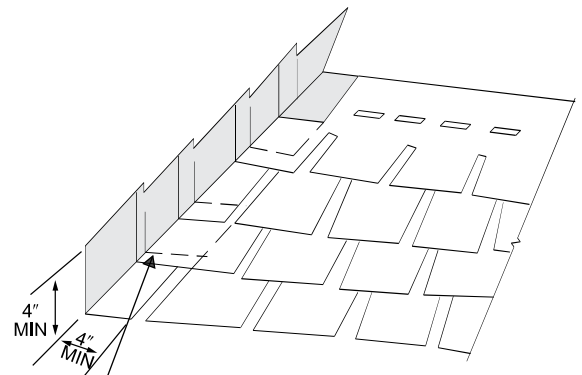
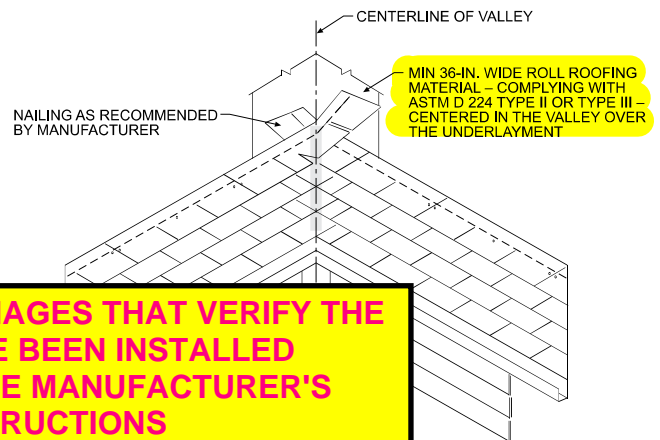
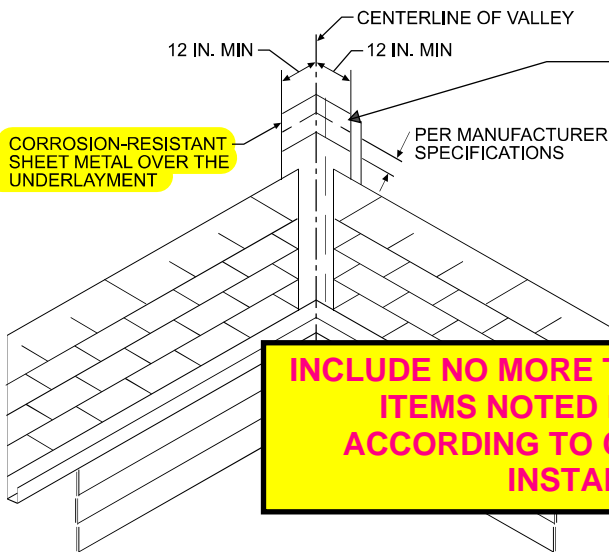


Figure R905.2.8.3  
FLASHING AT SIDE WALL

Figure R905.2.7.1(2)  
PROTECTIVE ICE BARRIER

VALLEY  
FLASHING



INCLUDE NO MORE THAN 10-12 IMAGES THAT VERIFY THE  
ITEMS NOTED IN BLUE HAVE BEEN INSTALLED  
ACCORDING TO CODE AND THE MANUFACTURER'S  
INSTALLATION INSTRUCTIONS

For SI: 1 inch = 25.4 mm.

Figure R905.2.8.2(1)  
FLASHING FOR OPEN ROOF VALLEY

For SI: 1 inch = 25.4 mm.

Figure R905.2.8.2(2)  
FLASHING FOR WOVEN VALLEY

