



EXTERIOR RENOVATION PERMIT APPLICATION

CITY OF UNDERWOOD
BUILDING AND SAFETY DEPARTMENT
 INSPECTION LINE 712.256.6493
 City Hall 712.566.2373
 Fax 712.566.2083
 P.O. Box 40
 218 Second Street
 Underwood, Iowa 51576

	Receipt Number	Total Permit Amount	Permit Number
Job Address		Parcel Number	
Property Owner		Phone	
Property Owners Mailing Address			
Contractor		Phone	
Contractor Mailing Address			

- Building Type/Use: Commercial Residential Multi-Family Other _____
- Class of Work: New Addition Alteration Repair Replacement
- Proposed Work: Reroof Residing Window Replacement Door Replacement

RE-ROOFING INFORMATION	
Proposed Construction Description	
Estimated Construction Valuation \$	Estimated Re-Sided area (Sq. Ft.)
	Estimated Square Footage of Existing Structure (Sq. Ft.)
RE-SIDING INFORMATION	
Proposed Construction Description	
Estimated Construction Valuation \$	Estimated Re-Sided area (Sq. Ft.)
	Estimated Square Footage of Existing Structure (Sq. Ft.)
WINDOWS & DOORS REPLACEMENT INFORMATION	
Proposed Construction Description	
Estimated Construction Valuation \$	Estimated area of Existing Structure (Sq. Ft.)
	Number of Windows to be Replaced
<i>Note: Window & Door replacement: Size for size or smaller installation of new window & doors in existing structure for every permitted project.</i>	

(See Back for Additional Information)

PERMIT FEES		COST	AMOUNT
	One and Two Family Dwellings, Re-Roofing, Re-siding exterior of existing structure	\$56.25	
	One and Two Family Dwellings Window and doors replacement of existing structure	\$56.25	
	One and Two Family Dwellings Combination of 2: Re-Roofing, Re-siding, or Windows/Doors	\$75.00	
	Other than one & two family dwellings, permit fee will be based on estimated construction cost/valuation using the adopted building permit fee schedule in Section 1.50.105) See Below & Example	Building Permit Fee Schedule	
		TOTAL AMOUNT	\$
<p>I will save, indemnify, and keep harmless the City of Underwood, Iowa its officers, employees, and agents against all liabilities, judgments cost, and expenses which may accrue against them in consequence of the granting of this permit, inspections, or use of any on-site or off-site improvements placed by virtue hereof, and will in all things strictly comply with all applicable rules, ordinance, and laws. Signature constitutes an attestation by the applicant that application complies with all covenants, conditions, and restrictions.</p> <p>Applicant Signature: _____ Date: _____</p>			
		Issued By: _____	Date: _____

INSPECTION IS REQUIRED BEFORE COVER-UP AND AT COMPLETION

INSPECTION REQUESTS: It shall be the duty of the holder of the building permit or their duly authorized agent to notify the Building & Safety Department when work is ready for inspections.

- Inspections should be scheduled and recorded before 5:00 p.m. the day before the inspection is requested.
- After Hours, Weekend and Holiday Inspections should be scheduled and the appropriate fee must be paid at least two-days before the required inspection date.
- All inspections should be called in and recorded using the **City Inspection Request Message System (CIRMS) at (712)256-6493.**
- AM scheduled inspections will be performed from 8:00 a.m. to 12:00 noon.
- PM scheduled inspections will be performed from 12:00 noon to 4:00 p.m.
- Any special requested inspection time will need to be pre-approved by your scheduled Inspector, the day before.

CONTACT INFORMATION

Building & Safety Department
Office Hours: 8:00 a.m. to 4:30 p.m.
INSPECTION REQUEST LINE: (712) 256-6493
City Hall: (712) 566-2373
Fax: (712) 566-2083

Residential Asphalt Shingle Requirements

Residential (one & two family dwellings) shall comply with Chapter 9 of the 2006 edition of the IRC

Commercial shall comply with Chapter 15 of the 2006 edition of the IBC

Section R907.3 Recovering Versus Replacement.

New roof coverings shall not be installed without first removing existing roof coverings where any of the following conditions occur:

1. Where the existing roof or roof covering is water-soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as base additional roofing.
2. Where the existing roof covering is wood shake, slate, clay, cement, or asbestos cement tile.
3. Where the existing roof has two (2) or more applications of any type of roof covering.

IRC Section R905.2 ASPHALT SHINGLE APPLICATION

COMPONENT

1. Roof slope:

INSTALLATION REQUIREMENT

Asphalt shingles shall only be used on roof slopes of two units vertical in 12 units horizontal (2:12) or greater. For roof slopes from two units vertical in 12 units horizontal (2:12) up to four units vertical in 12 units horizontal (4:12).

2. Deck or Sheathing requirements:

Asphalt shingles shall be fastened to solidly sheathed roofs.

3. Underlayment:

Underlayment shall conform with ASTM D 226, Type 1 or ASTM D 4869, Type 1, Or ASTM D6757

For roof slopes from two units vertical in 12 units horizontal (2:12), up to four units vertical in 12 units horizontal (4:12)

Underlayment shall be two layers applied in the following manner. Apply a minimum 19-inch strip or underlayment felt parallel to and starting at the eaves, fastened sufficiently to hold in place. Starting at the eave, apply 35-inch-wide sheets of underlayment overlapping successive sheets 19 inches and fastened sufficiently to hold in place.

For roof slopes from four units vertical in 12 units horizontal (4:12) or greater

Underlayment shall be one layer applied in the following manner. Underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches, fastened only as necessary to hold in place.

Required Ice Barrier

A membrane that consists of a least two layers of underlayment cemented together or of a self-adhering polymer-modified bitumen sheet shall be used in lieu of normal underlayment and extend from the eave's edge to a point at least 24 inches inside the exterior wall line of the building

4. Application:

Attachment

Asphalt shingles shall have the minimum number of fasteners required by the manufacturer and Section 1504.1. Asphalt shingles shall be secured to the roof with not less than four fasteners per strip shingle or two fasteners per individual shingle. Where the roof slope exceeds 20 units vertical in 12 units horizontal (20:12), special methods of fasteners are required.

Fasteners

Galvanized, stainless steel, aluminum or cooper roofing nail, minimum 12-gage (0.015 inch) shank with a minimum 3/8 inch diameter head. Fasteners shall be long enough to penetrate into the sheathing 3/4 inch or through the thickness of the sheathing.

Flashing

Base and cap flashing. Base flashing shall be of either corrosion-resistant metal of minimum nominal 0.019-inch thickness of mineral surface roll roofing weighing a minimum of 77 pounds per 100 square feet. Cap flashing shall be corrosion-resistant metal minimum nominal 0.019-inch thickness.

Valleys

Valleys linings of the following types shall be permitted:

1. For open valley (valley lining exposed) lined with metal, the valley lining shall be at least 24 inches wide.
2. For open valley, valley lining of two piles of mineral surfaced roll roofing, complying with ASTM D3909 or ASTM D6380 Class M, shall be permitted. The bottom layer shall be 18 inches and the top layer a minimum of 36 inches wide.
3. For closed valleys (valleys covered with shingles), valley lining of one ply of smooth roll roofing complying with ASTM D 6380 Class S Type III, Class M Type II, or ASTM D 3909 and at least 36 inches wide or valley lining as described in items 1 and 2 shall be permitted. Specialty underlayment complying with ASTM D 1970 may be used in lieu of the lining material.

Crickets and Saddles

A cricket or saddle shall be installed on the ridge side of any chimney or penetration more than 30 inches (862mm) wide as measured perpendicular to the slope. Cricket or saddle coverings shall be sheet metal or of the same material as the roof covering.

Sidewall flashing

Flashing against a vertical sidewall shall be by the step-flashing method.

Other flashing

Flashing against a vertical front wall, as well as soil stack, vent pipe chimney flashing, shall be applied according to the asphalt shingle manufacturer's printed instructions.