



RESIDENTIAL GARAGE REQUIREMENTS

CITY OF HUTCHINSON BUILDING DEPARTMENT
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This pamphlet is a guide to the most common questions and problems. It is not intended nor shall it be considered a complete set of requirements.

REQUIRED INFORMATION WHEN APPLYING FOR A GARAGE PERMIT

- A. Owner or applicant must submit a Survey or scale drawing. Including:
 - 1. A completed Building / Land use Permit.
 - 2. Lot size and all adjacent public streets.
 - 3. Location and dimensions of all existing and proposed buildings or alterations on lot.
 - 4. Any change to grade or landscape must be indicated on site drawing to ensure proper drainage.

- B. Two sets of building plans. (Including)
 - 1. Height of structure from grade.
 - 2. Elevations of proposed building or alteration.
 - 3. Size and depth of footings.
 - 3. All beam and header sizes.

If a contractor is being hired to construct your garage, they must be licensed through the Minnesota Department of Commerce. The contractor's business name and license number are to be included on the application.

Completing an application does not grant permission to begin construction. The Hutchinson Building Department will contact the applicant when the plan review process is complete. At that time the applicant can pay any required fees and pick up the permit and start the construction project. There are many items to verify prior to granting a permit please allow ample time for the permitting process.

FOOTING / FOUNDATION

Contact **GOPHER STATE ONE CALL 1-800-252-1166** to locate utilities at least 48 Hours prior to digging.

Footing/Foundation construction shall be capable of accommodating all loads to the supporting soils.

Frost depth footings are required where a garage is being attached to an existing structure with frost depth footings. (42" Minimum)

Slab on grade with turned down footings may be used with detached garages.

The area of floor used to park automobiles or other vehicles shall be sloped to an approved drain or toward the main vehicle entry door.

FRAMING

The City of Hutchinson is located in a 35# Snow Load and 90 Mile Per Hour wind gust area. All framing components shall be sized and labeled accordingly.

Base Plates on concrete or masonry shall be of treated wood or wood of natural resistance to decay (redwood, cedar, etc.)

Studs shall be grade stamped. Minimum No. 3, Standard or stud grade.

Wall Sheathing may be of approved plywood, OSB, fiberboard, gypsum, and hardboard panels. Fiberboard may not be used where stud spacing is 24" O.C.

In one-story buildings, each wall panel shall have a length of not less than 2'8" and a height of not more than 10 feet. This requirement is generally referring to the wall panels on either side of the overhead door. Special engineering may allow for smaller panels.

Sizes of headers are based on many components including: building size, size of opening, species of wood as well as the use of engineered lumber. Check with your material suppliers for header sizes for your individual project.

All roof assemblies subject to wind uplift pressures of 20 pounds per square foot or greater may require rafter or truss ties to secure the truss or rafter to the top plates of exterior walls, unless noted otherwise by the truss manufacturer's, or other registered structural engineer.

ROOF COVERING

Asphalt shingles are by far the most commonly used roofing material in residential garage construction. The following guideline is based on the use of asphalt shingles. Other approved roofing materials may be used with consideration to the respective manufacturer's instructions and current codes.

Ice protection is required and shall extend from eave's edge to a minimum of 24" inside the exterior wall line.

Roofing Continued:

Underlayment shall be applied with corrosion resistant fasteners in accordance with manufacturer's installation instructions. For roofs of 2:12 to 4:12 pitch a minimum of two layer of underlayment material shall be used with a minimum 19 inch lap.

Sidewall flashing shall be by the step flashing method. All other flashing shall be applied according to asphalt shingle manufacture's printed instructions.

Open Valley Flashing material shall be at least 24 inches wide and of any corrosive resistant material. The most common valley material used is galvanized steel. The required minimum thickness for galvanized steel is 26 gage. Other materials may be used with prior approval.

Asphalt shingles may be used on roof sloped between 2:12 and 20:12. Steep roofs require special fastening methods. See manufacturer's recommendations.

Fasteners for asphalt shingles shall be galvanized steel, Stainless steel, Aluminum or copper. Fasteners must be of a length to penetrate through the roofing material and a minimum of 3/4 inch into roof sheathing. Where the roof sheathing is less than 3/4 inch the fastener shall penetrate through sheathing.

EXTERIOR WALL COVERING

A minimum of one layer or No.15 felt paper or other approved weather resistive material shall be applied over sheathing of exterior walls. Such material must be installed horizontally with a minimum 2-inch lap. Where vertical joints occur lap shall be at least 6 inches. Approved building paper shall extend the under side of the roof. Building paper may not be required when constructing detached garages unless specified by siding manufacturer.

Wall coverings come in a variety of materials with many different installation requirements. Follow the manufacturer's recommendations or check with the Building Department for further assistance.

TYPICAL REQUIRED INSPECTIONS

- Footing -** When excavation is complete and forms and reinforcement are in place prior to placing concrete.
- Electrical -** When rough-in wiring is complete. Contact state electrical inspector for this inspection.
- Framing -** When all framing and sheathing is done and electrical rough-in has been inspected.
- Final -** When all work is complete, before occupancy.

CALL 320-234-4216 to schedule an inspection ,or speak with a Building Inspector. Be prepared to provide job site address and permit number.

Setback Requirements

Description	Front		Side*		Rear	
	R-1 Zone	R-2 Zone	R-1 Zone	R-2 Zone	R-1 Zone	R-2 Zone
Dwelling	30	25	8	8	30	25
Screen Porch	30	25	8	8	30	25
3- Season Porch	30	25	8	8	30	25
Gazebo	30	25	6	6	6	6
Accessory Shed Building ~	30	25	6	6	6	6
Garage (detached) ~	30	25	6	6	6	6
Driveway	-	-	5	5	5	5

*R-2 Lots platted prior to 1988 may use 6' sideyard setbacks

#Maximum structure surface coverage shall be limited to 35% of the lot area.

~Must not be closer to the street than the principal structure.