

## CITY OF SHAKOPEE

### Information on Screened Porches and Three Season Porches

1. Information necessary when applying for a building permit:
  - a. Submit one copy of a drawn to scale site plan indicating the lot dimensions, the location and ground coverage area of existing structure(s), and the location and area of the proposed structure. Indicate the setbacks from property line.
  - b. Submit two copies of drawings showing proposed designs and materials. Drawings shall be drawn to scale and shall include the following information.
  - c. Floor plans shall include the following:
    - 1) Proposed porch size.
    - 2) Size and spacing of floor joists.
    - 3) Size, location and spacing of posts.
    - 4) Size of headers.
    - 5) Size and space of roof supports.
  - d. A cross section shall include the following:
    - 1) Size and depth of footings.
    - 2) Size and type of posts or foundation.
    - 3) Beam size supporting floor joists.
    - 4) Floor joint size and spacing.
    - 5) Flooring material.
    - 6) Guardrail height and spacing of rails (if any).
    - 7) Ceiling height.
    - 8) Type(s) of sheathing and siding.
    - 9) Header size over windows and screened openings.
    - 10) Size and spacing of rafters.
    - 11) Type of roof covering.
    - 12) Pitch of roof.
  - e. Elevations which show what proposed structure will look like.
  - f. Examples of drawings to be provided are attached for use as a guide only.
2. Land Use Restrictions:

Setbacks from property lines vary depending upon zoning district. Contact the City Planner for details.
3. Building Code Requirements: (Based upon the 1994 Edition of the Uniform Building Code)
  - a. Footings shall be designed below frost depth.
  - b. Wood joists 18 inches or closer to grade or wood beams 12 inches or closer to grade and their supports shall be redwood, cedar or an approved treated material.

- c. Columns and posts located on concrete or masonry floors or decks exposed to the weather or water splash which support permanent structures shall be supported by concrete piers or metal pedestals projecting above floors unless approved wood of natural resistance to decay or treated wood is used. The pedestals shall project at least 6 inches above exposed earth and at least 1 inch above such floors. Individual concrete or masonry piers shall project at least 8 inches above exposed ground unless the columns or posts which they support are of approved wood of natural resistance to decay or treated wood is used.
- d. All unenclosed floor openings, open and glazed sides of landings and ramps, balconies or porches which are more than 30 inches above grade or floor below, shall be protected by a guardrail not less than 36 inches in height. Open guardrails and stair railing shall have intermediate rails or an ornamental pattern such that a sphere 4 inches in diameter cannot pass through.
- e. If an exterior stairway is to be provided, the construction members which form the structural support shall be of approved wood of natural resistance to decay or treated wood when such members are exposed to the weather without adequate protection from a roof, eave, or other covering to prevent moisture or water accumulation on the surface or at joints between members.
- f. Private stairway shall be not less than 36 inches in width. Stairways may be constructed having an 8 inch maximum rise and a 9 inch minimum run.
- g. Handrails shall be provided to all stairways having 4 or more risers.
- h. Handrails shall be placed not less than 34 inches, nor more than 38 inches above the nosing of treads.

Note: The above outlines only the general code requirements with regard to porch construction. For specific code requirements, please contact the Building Official.

### 3. Required Inspections:

- a. Footings: After the holes are dug, but prior to the pouring of concrete. The owner/contractor must provide on-site verification of setbacks by locating property corners as necessary.
- b. Framing: To be made after the roof, all framing, and any bracing is in place, rough electric (if any) is approved, but prior to the application of any siding or roof covering materials.
- c. Final: To be made upon completion of the building and finish grading.
- d. Other Inspections: In addition to the called inspections above, the Building Official may make or require other inspections of any construction work to ascertain compliance with the provisions of this code and other laws which are enforced by the code and other laws which are enforced by the code enforcement agency.

EXISTING HOUSE

SKINNERS. VERIFY MATERIAL & WEIGHT

JOIST HANGERS

DROPPED BEAM - VERIFY SIZE

SIDE ELEVATION 1/4" = 1'-0"

DECKING OR SHEATHING - VERIFY TYPE & SIZE

RAFTERS - VERIFY SIZE & SPACING

RIDGE BEAM - VERIFY SIZE OR COLLAR TIES OR CEILING JOISTS - VERIFY SIZE & SPACING

HEADER - VERIFY SIZE

POSTS - VERIFY SIZE AND SPACING

WINDOW OR SCREEN UNITS

RAILING OR LOW WALL (REQUIRED FOR SCREENS)

DECKING OR SHEATHING - VERIFY SIZE & TYPE

JOISTS - VERIFY SIZE, SPACING & DIRECTION

RIM JOIST - VERIFY SIZE APPROVED TREATED OR NATURALLY MOISTURE RESISTANT POSTS - VERIFY SIZE

PLINTH BLOCKS

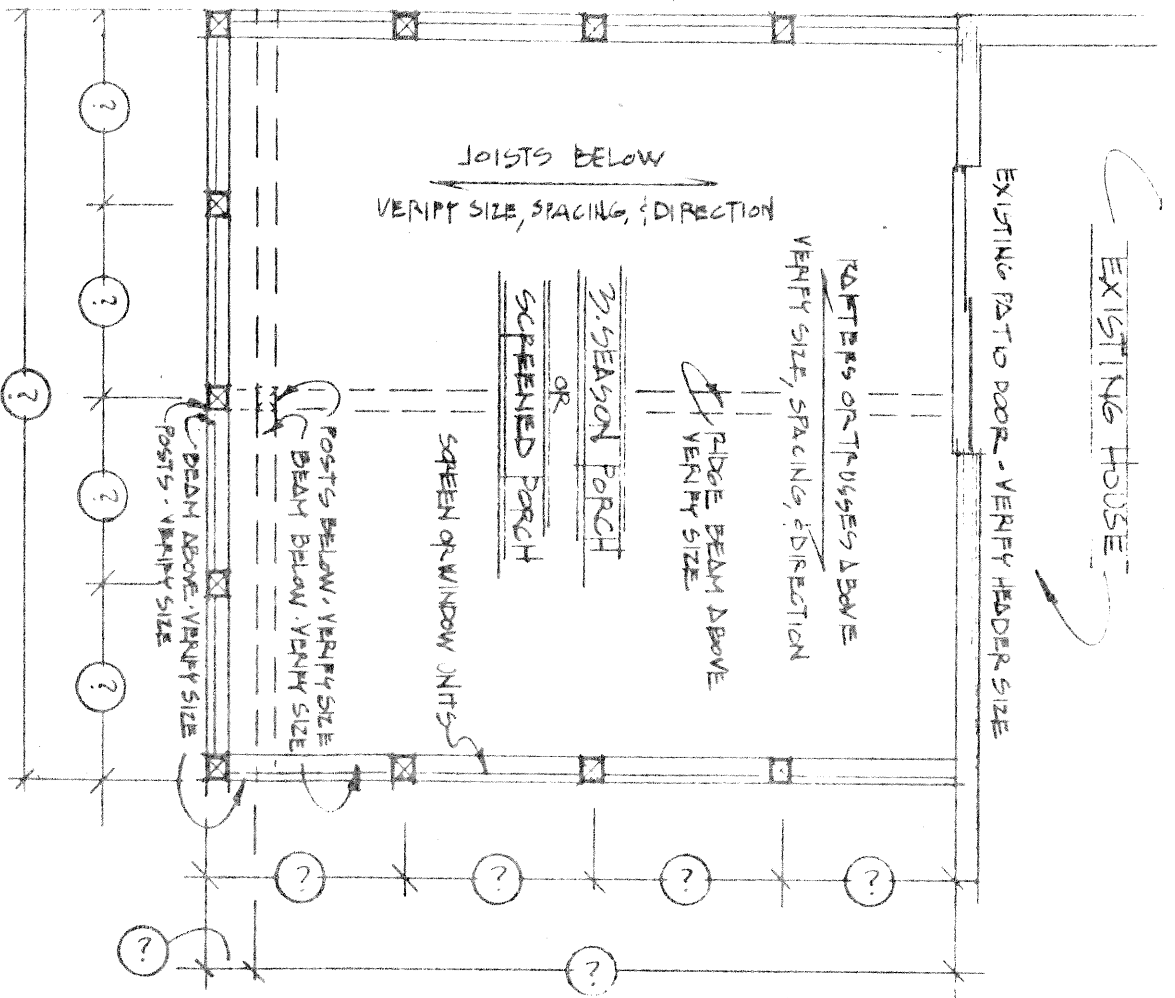
GRADE

CONCRETE FOOTINGS - VERIFY SIZE

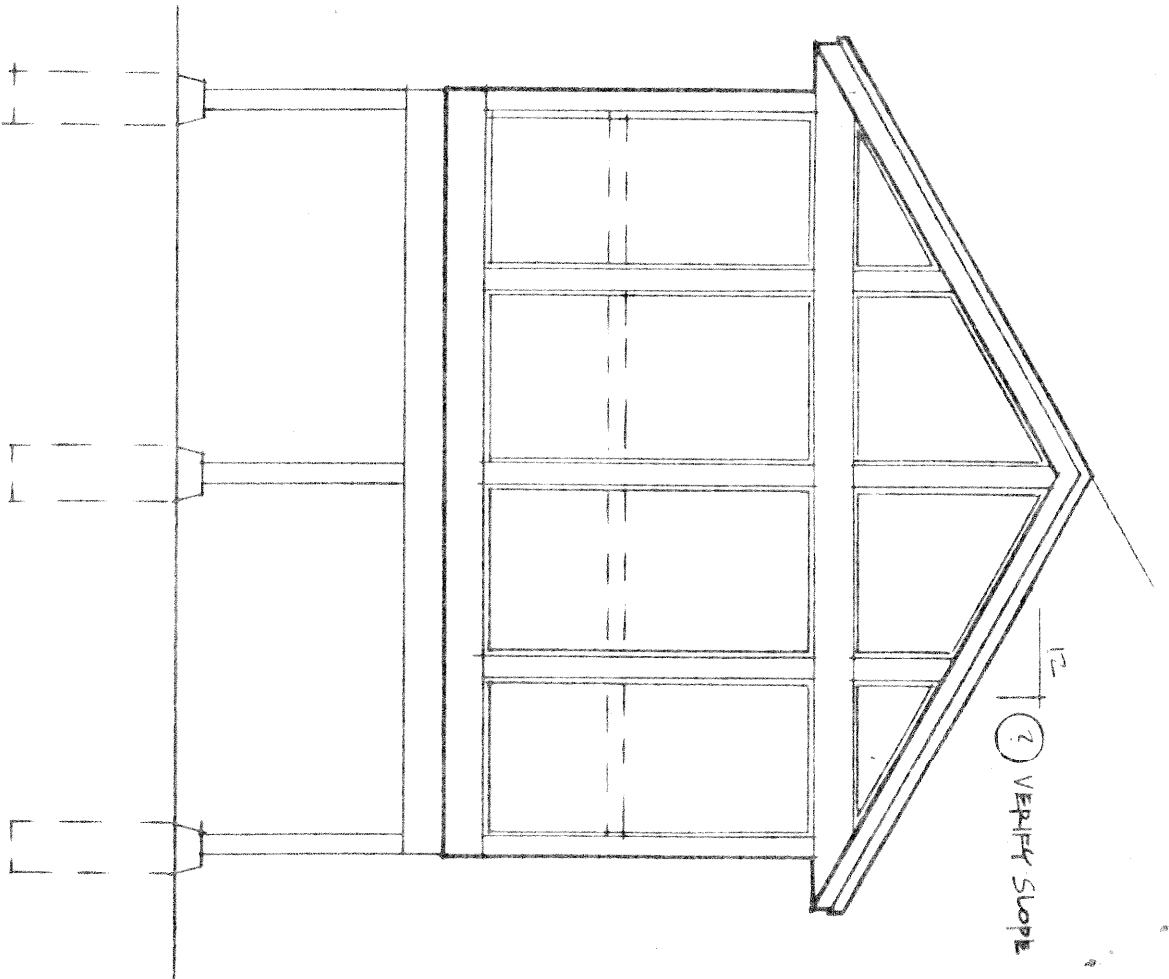
36" MIN.

CROSS SECTION 1/4" = 1'-0"

EXISTING HOUSE



FLOOR PLAN 1/4" = 1'-0"



FRONT ELEVATION 1/4" = 1'-0"