CITY OF RICE

205 MAIN STREET EAST – PO BOX 179
RICE, MN 56367
ALLSPEC SERVICES, LLC
BUILDING OFFICIAL – NANCY SCOTT: 320-293-5298

Decks and Landings Submittal Requirements

A building permit is required for all decks that are attached to the home or is 30 inches or more above grade. Decks and platforms not more than 30 inches above adjacent grade and not attached to a structure with frost footings do not require a building permit, but may require a zoning or land-use permit.

Setbacks from property lines vary depending upon the zoning district your home is located in. If you don't know the development or zoning district you are located within, please contact the city offices to help find out what development or zoning district your home is located within.

What do I need to submit when applying for a building permit to construct a deck?

_____ One (1) completed 3-part carbonless Building Permit application form, including owner's name, location of the site, daytime phone number, and the value of the project.

_____ One (1) a copy of a site plan drawn the best of your abilities that indicate the lot dimensions, the location and ground coverage area of existing structures and the location, plus location of the proposed deck and landing structure **OR A** copy of a 'Certificate of Survey' indicating the location of the deck and landing. This must show the setbacks from the property lines.

_____ One (1) set of the proposed building plans showing design and materials.

Once you have received your approved building permit with an inspection card it is **very important to display the Building Permit Inspection card** so when the inspector visits the site for a scheduled inspection the card is available at the time of the inspection. We suggest placing the inspection card inside the window/patio door or attached to the project so it is easily seen and accessible. Please take into account there is a good chance of rain or other weather conditions during the spring-summer-fall season, which you risk damage to the inspection card; therefore, if you attach it to the project you may want to put it in a plastic bag or if it fits in a top loading sheet protector to prevent weather damage.

Mn State Statute Building Code Requirements, which the City of Rice has adopted:

_____ All footings must be 42" below grade.

_____ Individual concrete or masonry piers shall project at least 8" above exposed ground unless the columns or posts that support the structure are made of redwood, cedar, or approved treated material.

_____ Wood joists 18" or closer to grade, or wood beams 12" or closer to grade and their supports shall be redwood, cedar, or approved treated material.

_____ Redwood, cedar, or approved treated material shall be used for those portions of wood members, which form the structural supports of the building, balconies, porches, or similar permanent building appurtenances when such members are exposed to weather without water accumulation on the surface or at joints between members. Depending on local experience, some members may include: horizontal members such as girders, joists, and decking; or vertical members such as posts, poles, and columns; or both horizontal and vertical members. (stairways are included.)

_____ All unenclosed floor opening, a guardrail shall protect open and glazed sides of landing and ramps, balconies, and porches that are more than 30" above grade or floor below, not less than 36" in height. Open guardrails and stair railing shall have intermediate rails or an ornamental pattern such that a sphere 4" in diameter cannot pass through.

_____ If stairway(s) are to be provided, the minimum width shall not be less than 36" in width. Stairways may be constructed having a 7¾" maximum rise and a 10" minimum run.

_____ A handrail is to be provided for all stairways having four (4) or more risers. Open risers are permitted provided the opening between the treads do not permit the passage of a 4" diameter sphere.

_____ Handrails shall be placed not less than 34" nor more than 38" above the nosing of treads. They shall be continuous the full length of stairs.

_____ Handrails projecting from a wall shall have a space of not less than 1½" between the wall and the handrail. The handgrip portion of handrails shall not be less than 1½" nor more than 2" cross-sectional dimension and shall have a smooth surface with no sharp corners.

_____ Floor joist spacing at 24" on center requires 2 x decking and floor joist spacing at 16" on center require 1 x decking.

PLEASE NOTE: ***Pressure-Treated Wood*** – recent changes have been made in the chemicals used in the manufacturing of pressure-treated wood. Chromate Copper Arsenate (a.k.a. CCA) is being phased out and the most new treatments approved for outdoor use are Alkaline Copper Quaternary (ACG) and Copper Azole. According to the lumber and fastener industry, the newer chemicals being used to treat the wood approved for outdoor use are considerably more corrosive than those previously treated with CCA and therefore require special fasteners, hangers, and greater care in the selection of materials that may come in contact with the wood. The fastener industry has indicated that some of the hangers and fasteners currently on the market may not perform with some of the new treatments.

Designers, builders, and homeowners will need to pay particular attention to the trade marks on the lumber, and verify the proper hardware (hangers, nails, and brackets) are appropriate with the particular treatment of the lumber. This not only applies to decks utilizing these products but sill plates and posts as well. The Mn State Building Code references the American Wood Preservers Association (AWPA), which has published information on this issue. Particular attention should also be made to the manufacturer's installation instructions for the hardware. Questions should be directed to your wood and fastener supplier or your local Building Official.

Outside Remote Readers – if the outside remote reader for your water meter needs to be moved in order for you to construct your deck, please contact the Rice Utilities Department at 320-250-9326 to schedule a time to have it re-located.

City of Rice ~ ~ Deck Application check-off submittal list

(complete the information below and return with your deck application)

1. Proposed size of deck _____ X _____ (refer to example in handout)
2. Height of deck from grade _____ (refer to example in handout)
3. Size and spacing of floor joists _____ (refer to example in handout)
4. Size and quantity of beam(s) _____ (refer to example in handout)
5. Size of decking material _____ X _____ (refer to example in handout)
6. Size of posts _____ X _____ (refer to example in handout)
7. Spacing between posts _____ (refer to example in handout)
8. Diameter of footings _____ (refer to example in handout)
9. Size of bell at bottom of footings _____ (refer to example in handout)
10. Height of guardrail _____ (refer to example in handout)
11. Type of lumber using _____
12. Copy of lot survey or drawing of property noting where the buildings are located and drawn the location, and what the setbacks are. _____ _____
    side setback rear setback

MINNESOTA DEPARTMENT OF
LABOR & INDUSTRY

Department of Labor and Industry
Construction Codes and Licensing Division
443 Lafayette Road N.
St. Paul, MN 55155
Phone: (651) 284-5012 or 1-800-657-3944
TTY: (651) 297-4198 Fax: (651) 284-5749

The State of Minnesota adopts a set of construction standards known as the Minnesota State Building Codes (MSBC). The MSBC contains safety requirements relating to structure, mechanical, plumbing, energy, electrical, elevators, manufactured buildings and life safety.

The information in this brochure is for general reference for residential construction projects. Contact your municipal building official regarding permits and specific code requirements for residential construction within your community.

To confirm if your contractor is licensed in Minnesota contact the:

Department of Labor and Industry
Residential Building Contractors
Phone: (651) 284-5069 or 1-800-657-3944
www.dli.mn.gov/ccld/LicVerify.asp
E-mail: DLI.Contractor@state.mn.us

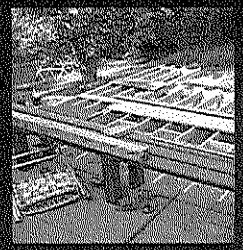
www.dli.mn.gov

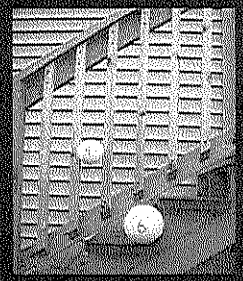
05-07

Gopher State One Call
Call at least two full business days before you dig.
Phone: 811 or (651) 454-0002
www.call811.com

DECKS

Guidelines for planning the construction of a deck.





Permits

Building permits are required for all decks that are attached to the home or are 30 inches or more above grade. Decks and platforms not more than 30 inches above adjacent grade and not attached to a structure with frost footings, do not require a building permit and may require a zoning or land-use permit.

Decks and platforms are required to meet the land-use requirements of the community's zoning code. An important first step is to contact the local planning and zoning department with questions.

A municipality may require permit fees, plan reviews and inspections

Permit fees are established by the municipality. The plan review is done by the building official in order to spot potential problems or pitfalls that may arise. The building official may make notes on the plan for your use. Inspections are performed at various stages of construction to verify code compliance. Actual permit costs can be obtained by calling your local building inspection department with your estimated construction value.

Your building inspector will need:

1. An application for permit.
2. A site plan or survey.
3. A deck plan with all applicable structural details.

Required inspections

1. **Footings:** After the holes are dug, **but prior to pouring of concrete!**
2. **Framing:** To be made after framing is completed. This inspection can be completed at the time of the final inspection if all parts of the framing will be visible and accessible with prior approval of the building official.
3. **Final:** Is done after completion.

Setbacks from property lines vary depending upon the city and zoning district your home is located in. Contact the building department in your community for the requirements in your location. This is an important first step in the planning for any deck project.

Notice regarding pressure-treated wood

When a pressure-preservative-treated wood is used, it must comply with the American Wood Preservers Association UI Standard based on exposure (exterior) and use (above ground or ground contact). The lumber must bear the quality mark (stamp or end tag) of an approved inspection agency. Designers, builders and home owners need to verify that proper hardware (hangers, nails, brackets) are appropriate with the particular treatment of the lumber. This not only applies to decks utilizing these products, but sill plates and posts as well. Additional information is available online at www.dli.mn.gov/ccld/OpinionDivisionBuilding.asp.

General building code requirements

The 2007 Minnesota State Building Code adopts the 2006 International Residential Code (2006 IRC). All "R" code references provided in this brochure pertain to the 2006 IRC.

a. Footings must extend to frost depth (if attached to the house).

b. Decks need to be designed for a 40-pound-per-square-foot live load and balconies to a 60-pound-per-square-foot live load. Decks exposed to the weather must be constructed of approved wood with natural resistance to decay such as redwood, cedar or treated wood. Ledger boards must be bolted or lagged to the building and all connections between the deck and dwelling must be flashed. Before using alternative building products, check with your local building official.

Construction Codes and Licensing

c. Columns and posts in contact with the ground or embedded in concrete, earth or masonry must be of pressure-treated wood approved for ground contact.

d. Cedar or redwood posts need an 8-inch separation from the ground.

e. All decks, balconies or porches, open sides of landings and stairs that are more than 30 inches above grade or a floor below must be protected by a guard not less than 36 inches in height. Grade is measured at edge of structure. 2006 IRC guard opening limitations states required guard on open sides of stairways, raised floor areas, balconies and porches shall have intermediate rails or ornamental closures which do not allow passage of a sphere 4 inches (102mm) or more in diameter. Exceptions: 1. The triangular openings formed by the riser, tread and bottom rail of a guard at the open side of a stairway are permitted to be of such a size that a sphere 6 inches (152 mm) cannot pass through. 2. Openings for required guards on the sides of stair treads shall not allow a sphere 4 3/8 inches (107 mm) to pass through (R312.2).

f. If a stairway is to be provided, it must be no less than 36 inches in width. Stairways may be constructed having an 7 3/4-inch-maximum rise (height) and a 10-inch-minimum run (length). The largest tread rise and tread run may not exceed the smallest corresponding tread rise or run by more than 3/8 inch. Stairway illumination is required by the code. Open risers are permitted, provided the opening between the treads does not permit the passage of a 4-inch-diameter sphere.

g. Handrails are required on all stairways having four or more risers. All required handrails shall be of the following types or provide equivalent graspability.

1. Type I. Handrails with a circular cross section shall have an outside diameter of at least 1 1/4 inches (32 mm) and not greater than 2 inches (51 mm). If the handrail is not circular it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6 1/4 inches (160 mm) with a maximum cross section of dimension of 2 1/4 inches (57 mm).

2. Type II. Handrails with a perimeter greater than 6 1/4 inches (160 mm) shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4 inch (19 mm) measured vertically from the tallest portion of the profile and achieve a depth of at least 5/16 inch (8 mm) within 7/8 inch (22 mm) below the widest portion of the profile. This required depth shall continue for at least 3/8 inch (10 mm) to a level that is not less than 1 3/4 inches (45 mm) below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1 1/4 inches (32 mm) to a maximum of 2 3/4 inches (70 mm). Edges shall have a minimum radius of 0.01 inch (0.25 mm). (R311.5.6.3).

The top of handrail must be not less than 34 inches nor more than 38 inches above the nosing (front edge) of treads and they must be returned to a wall or post.

h. The electrical code requires overhead power lines to be located a minimum of 10 feet above decks and platforms. Existing lines may need to be raised if a new deck is to be installed beneath them.

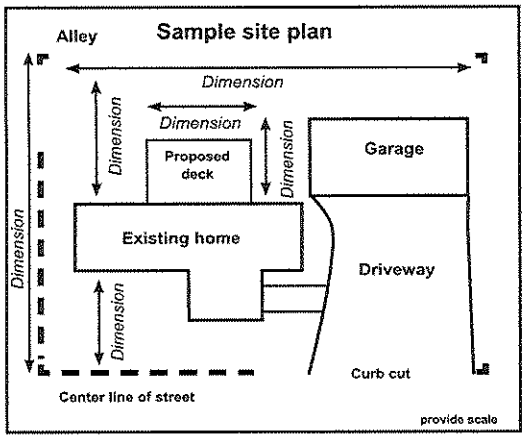
i. When locating a deck, care must be given to the location of outside gas and electric meters, wells and septic systems. These may need to be relocated to allow for construction of the deck. Septic systems and wells may be difficult to relocate, requiring an alternative location for the deck. Contact your local building department prior to placement of any deck that will interfere with these devices.

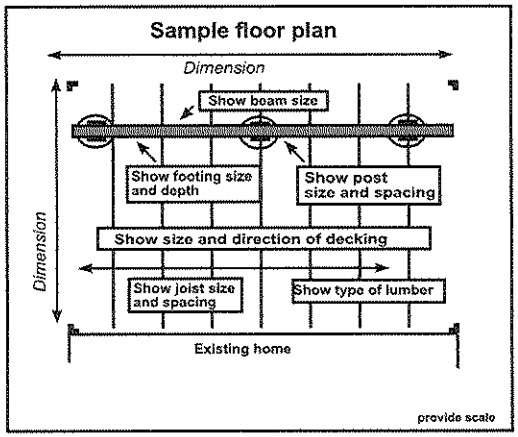
j. Some communities use a remote outside water-meter-reading device that may need to be relocated to allow for construction of a deck. These devices must be relocated properly and may require special tools. Prior to placement of any deck that will interfere with the operation or accessibility of the reader, contact your local building department or water department to obtain information and procedures about relocating these devices. Note: For specific code requirements, please contact your local building department.

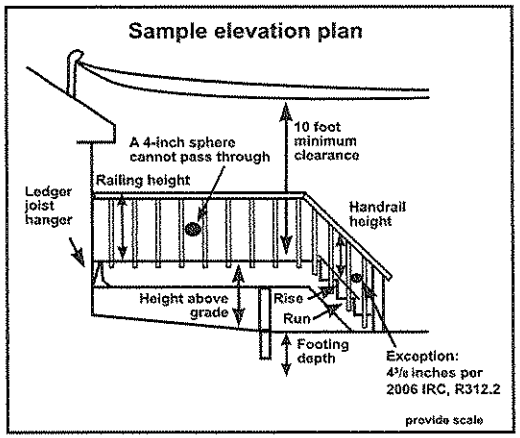
Plans: Site, floor and elevation

The text and sample drawings below show the minimum detail expected to ensure the permit process proceeds smoothly. **Two sets of each site, floor and elevation plan are required.** Plans do not need to be professionally drawn. Plans should include all of the information requested and drawn to scale.

A certificate of survey or site plan should be drawn to scale that indicates the lot dimensions, the location and size of the existing structure(s) and the location and a size of the proposed structure. Indicate the setbacks from property lines of the existing and proposed structure(s). Include the septic system area and wells, if applicable.







Floor plan

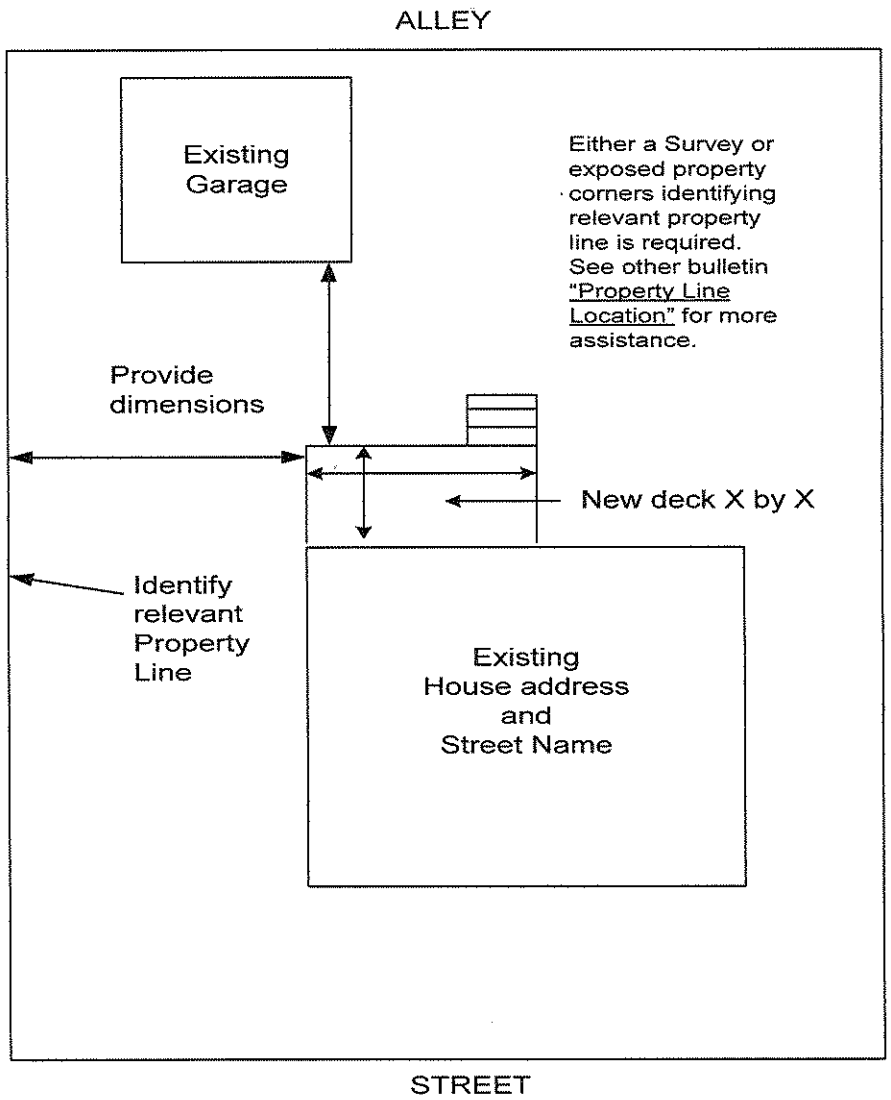
1. Proposed deck size.
2. Size and spacing of floor joists.
3. Size and type of decking material.
4. Size, type, location and spacing of posts.
5. Size and type of beams.

Elevation plan

1. Height of structure from grade.
2. Size and depth of footings.
3. Guard height and spacing (if any).
4. Stairway rise or run and handrail height (if any).
5. Clearance of overhead wires (if applicable).

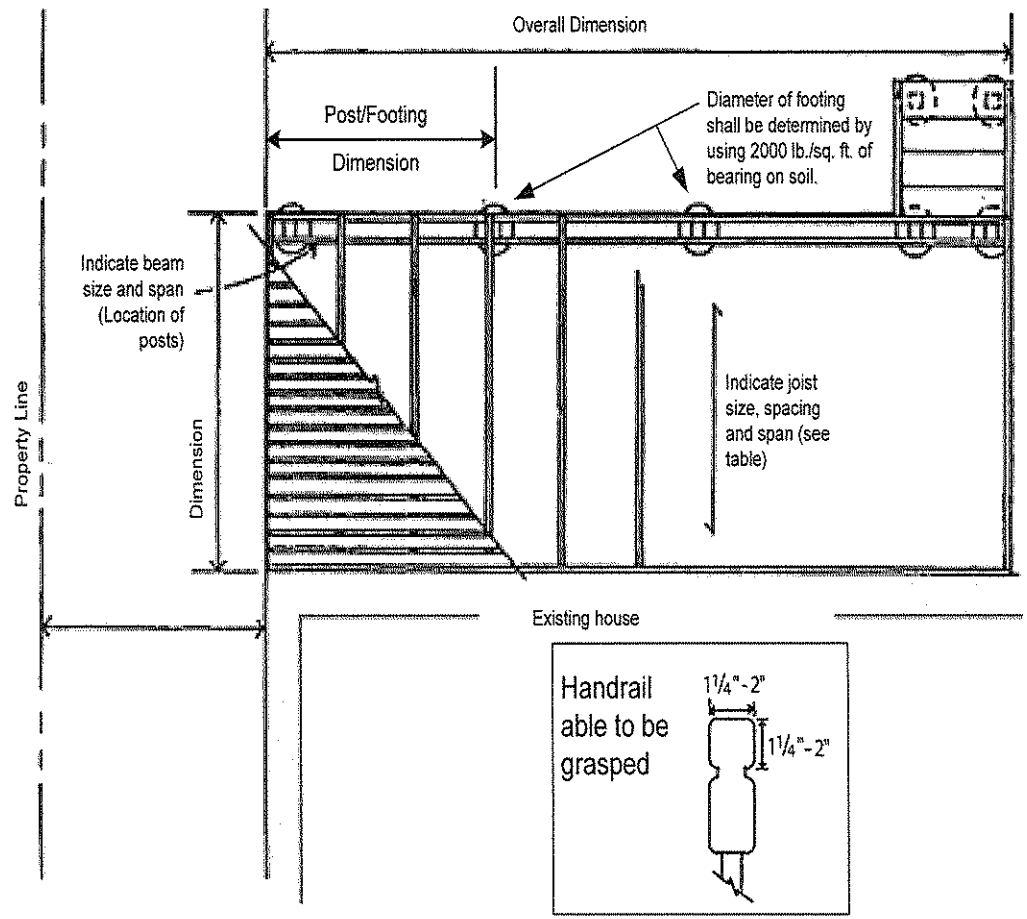
What do I need to bring to get a building permit? (continued)

- **SITE PLAN** – A representation of your property illustrating property lines with dimensions to your house, garage and where you intend to build your deck. (See city 'Deck' bulletin.)



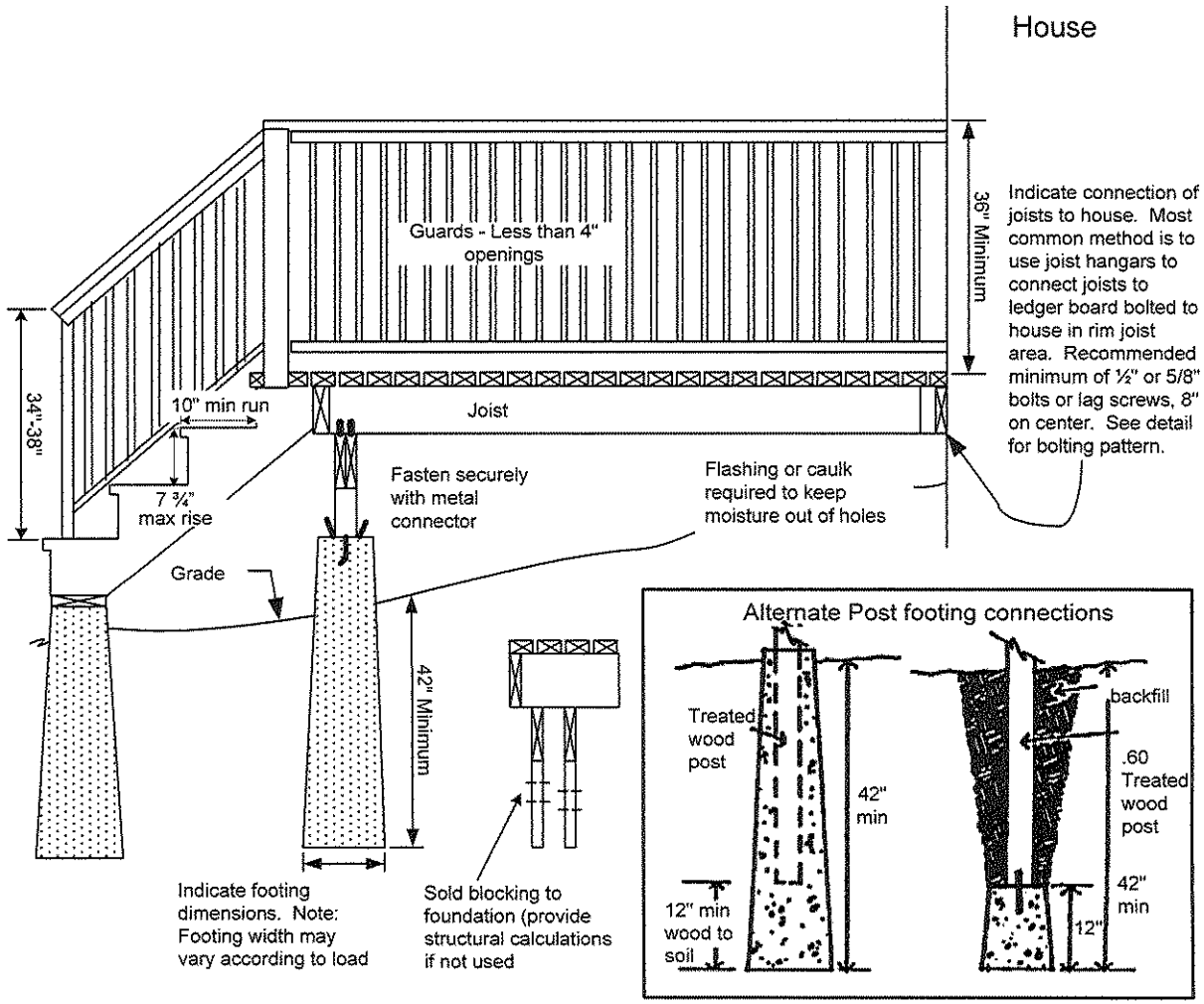
What do I need to bring to get a building permit? (continued)

- **FRAMING PLAN –** consists of a birds eye view with notation illustrating the overall size, dimensions, location of footings, posts, beams, size/spacing/direction of joists, decking and stairs.



What do I need to bring to get a building permit? (continued)

- **CROSS SECTION -** A "cut through" view of the deck with notations showing dimensions of footings, posts, beams and joists, connection to house, stairs with rise and run, handrails, guards and baluster spacing.

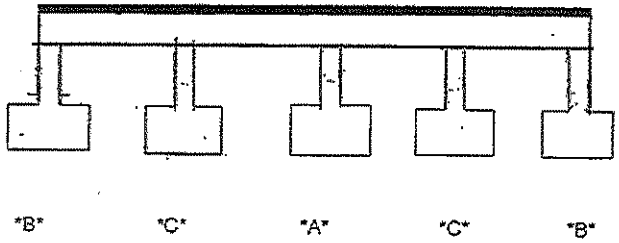


Sizing Your Deck Footings

JOIST LENGTH

POST SPACING	6'			7'			8'			9'			10'			11'			12'			13'			14'			15'		
	Footing Type			Footing Type			Footing Type			Footing Type			Footing Type			Footing Type			Footing Type			Footing Type			Footing Type			Footing Type		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
5'	12"	9"	12"	13"	10"	13"	14"	11"	14"	15"	11"	15"	16"	11"	16"	16"	12"	16"	17"	12"	17"	18"	13"	18"	18"	13"	18"	19"	13"	19"
6'	13"	9"	13"	14"	10"	14"	15"	11"	15"	16"	12"	16"	17"	12"	17"	18"	13"	18"	19"	13"	19"	19"	14"	19"	20"	13"	20"	21"	15"	21"
7'	14"	10"	14"	15"	11"	15"	16"	12"	16"	17"	12"	17"	18"	13"	18"	19"	14"	19"	20"	14"	20"	21"	15"	21"	22"	15"	22"	22"	16"	22"
8'	15"	11"	15"	16"	12"	16"	18"	13"	18"	19"	13"	19"	20"	14"	20".	21"	15"	21"	21"	15"	21"	22"	16"	22"	23"	16"	23"	24"	17"	24"
9'	16"	12"	16"	17"	12"	17"	19"	13"	19"	20"	14"	20"	21"	15"	21"	22"	16"	22"	23"	16"	23"	24"	17"	24"	25"	17"	25"	25"	18"	25"

Bell Footings



FOOTING TYPES:

A= Center Post
B= Corner Post
C= Intermediate Post

Find your joist length and your post spacing. Follow chart to size footing types accordingly

DECK JOIST AND BEAM SIZES

5/11/2007

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JOIST LENGTH

POST SPACING		6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
4'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	1 - 2x6	1 - 2x6 1 - 2x8	1 - 2x6 1 - 2x8	1 - 2x8 1 - 2x10	1 - 2x8 1 - 2x10	1 - 2x8 1 - 2x10	1 - 2x8 1 - 2x10	1 - 2x10 1 - 2x12	1 - 2x10	1 - 2x10 1 - 2x12	1 - 2x12
5'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	1 - 2x6	2 - 2x6 1 - 2x8	2 - 2x6 1 - 2x8	1 - 2x8 1 - 2x10	1 - 2x8 1 - 2x10	1 - 2x8 1 - 2x10	1 - 2x8 1 - 2x10	1 - 2x10 1 - 2x12	1 - 2x10	1 - 2x10 1 - 2x12	1 - 2x12
6'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	2 - 2x6	2 - 2x6 1 - 2x8	2 - 2x6 2 - 2x8	2 - 2x8 1 - 2x10	2 - 2x8 1 - 2x10	2 - 2x8 1 - 2x10	2 - 2x8 1 - 2x10	2 - 2x10 1 - 2x12	2 - 2x10 1 - 2x12	2 - 2x10 1 - 2x12	2 - 2x10 1 - 2x12
7'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	2 - 2x6	3 - 2x6 2 - 2x8	3 - 2x6 2 - 2x8	2 - 2x8 2 - 2x10	2 - 2x8 2 - 2x10	2 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	2 - 2x10 1 - 2x12	2 - 2x10 2 - 2x12	2 - 2x10 2 - 2x12	2 - 2x10 2 - 2x12
8'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	3 - 2x6 2 - 2x8	3 - 2x6 2 - 2x8	3 - 2x6 2 - 2x8	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	2 - 2x10 2 - 2x12	3 - 2x10 2 - 2x12	3 - 2x10 2 - 2x12	3 - 2x10 2 - 2x12
9'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	3 - 2x6 2 - 2x8	4 - 2x6 3 - 2x8	4 - 2x6 3 - 2x8	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	4 - 2x8 3 - 2x10	3 - 2x10 2 - 2x12	3 - 2x10 2 - 2x12	3 - 2x10 2 - 2x12	3 - 2x10 2 - 2x12
10'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	4 - 2x6 3 - 2x8	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	3 - 2x8 3 - 2x10	4 - 2x8 3 - 2x10	4 - 2x8 3 - 2x10	4 - 2x8 3 - 2x10	3 - 2x10 2 - 2x12	3 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12
11'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	3 - 2x8 2 - 2x10	3 - 2x8 2 - 2x10	4 - 2x8 3 - 2x10	4 - 2x8 3 - 2x10	3 - 2x10 2 - 2x12	3 - 2x10 3 - 2x12	3 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12
12'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	3 - 2x8 2 - 2x10	4 - 2x8 3 - 2x10	4 - 2x8 3 - 2x10	3 - 2x10 2 - 2x12	3 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	3 - 2x12	3 - 2x12	3 - 2x12
13'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	3 - 2x8 3 - 2x10	4 - 2x8 3 - 2x10	3 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	3 - 2x12	4 - 2x12	4 - 2x12	4 - 2x12
14'	JOIST SIZE	2x6 24"OC	2x6 16"OC 2x8 24"OC	2x6 16"OC 2x8 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 16"OC 2x10 24"OC	2x8 12"OC 2x10 16"OC	2x10 16"OC 2x12 24"OC	2x10 16"OC	2x10 12"OC 2x12 16"OC	2x12 16"OC
	BEAM SIZE	4 - 2x8 3 - 2x10	3 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	4 - 2x10 3 - 2x12	3 - 2x12	4 - 2x12	4 - 2x12	4 - 2x12	ENG. BEAM REQUIRED	ENG. BEAM REQUIRED

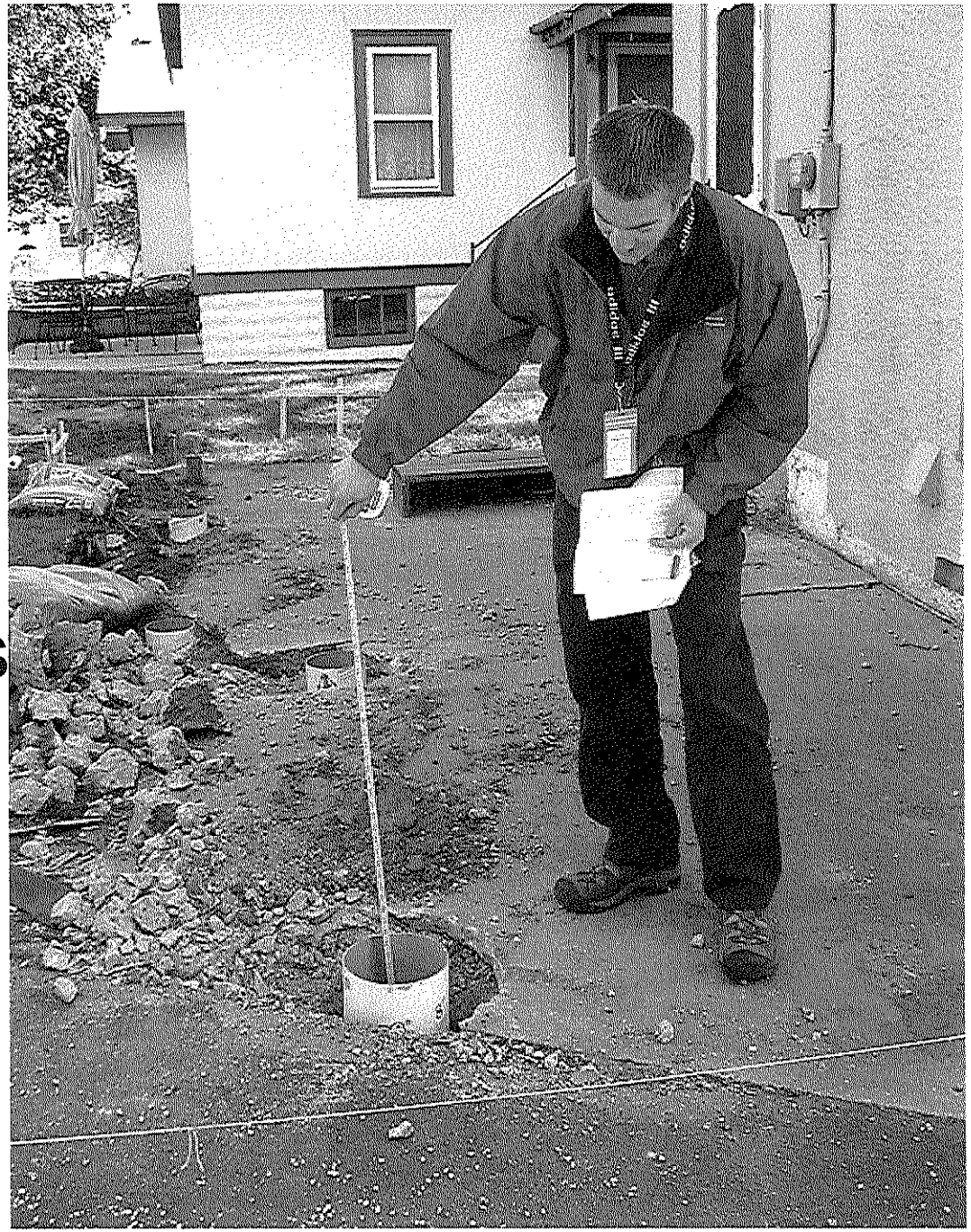
Don’t forget!

GOPHER STATE
ONE CALL
CALL BEFORE YOU DIG
651-454-0002 -Metro / 800-252-1166 -Greater MN
www.gopherstateonecall.org

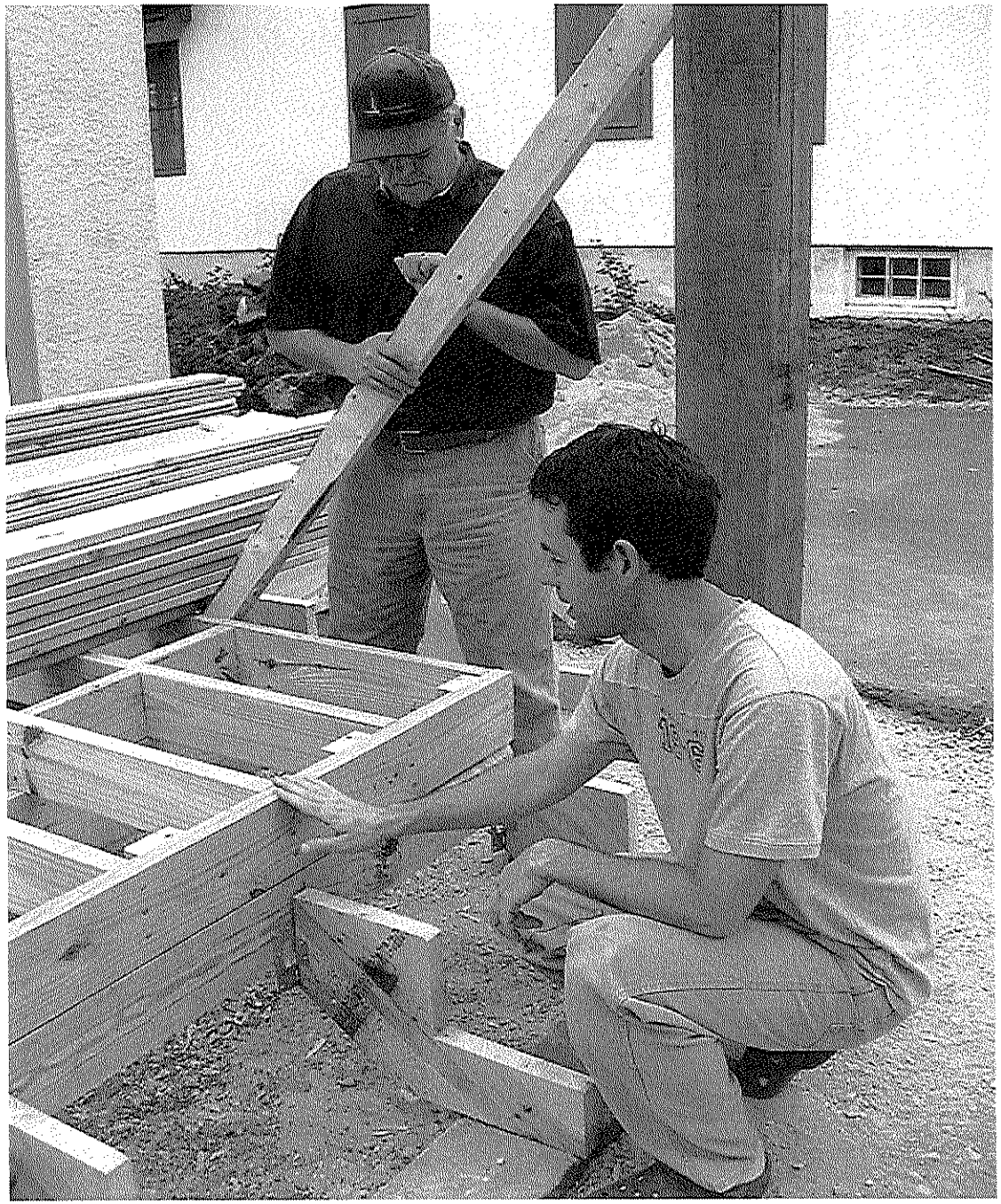
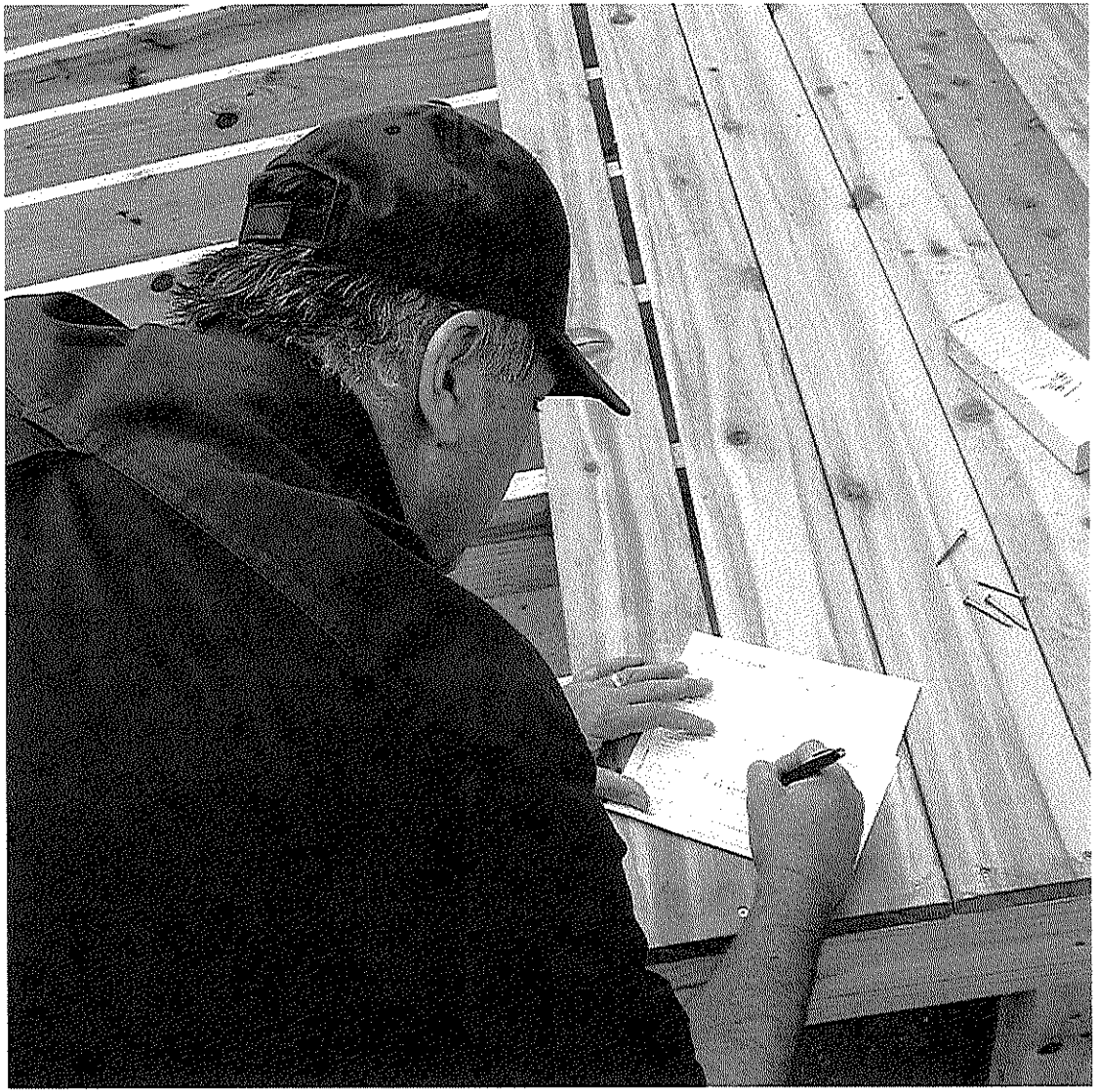
Required Inspections and what the Building Inspector is looking for.

- Setbacks and deck location are per approved plans
- Depth and sizes of footings
- Framing and its connections
- Treated lumber size, spacing and direction or other approved materials
- Guards, stairs, handrail and other details are per code

Building inspector verifies size, location and depth of footing as approved on plans



Building inspector verifies approved materials, framing and connectors, height above grade, rise and run of steps.



Building Inspector signs approval at each appropriate inspection and the final Inspection to complete your permit.