



Building Code Division

3rd Floor, 208 NW 1st Ave, Faribault, MN 55021 www.ci.faribault.mn.us

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Deck Information INCLUDES 2007 CODE CHANGES!

Building permits are required for all decks that are attached to the home, are 30 inches or more above grade or those used as landings. This includes new construction, additions, alteration, repair, moving or demolishing.

Important items to consider include:

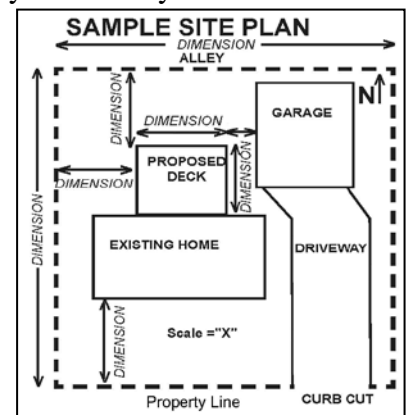
- required inspections p. 2
- deck location, stairs..... p. 3
- guard rail, handrail..... p. 4
- sizing deck footings, joists & beams..... pp. 7-9

PLEASE INCLUDE THE FOLLOWING WHEN APPLYING FOR YOUR PERMIT:

1. Completed **permit application form** (included on the last page of this packet).
2. Completed **Residential Property Owner Waiver** (included in this packet) if the owner is the permittee.
3. **Two copies** of the following building plans (Minn. Rules [MR] 1300.0130):
(See below for detailed plan requirements.)
 - A. Site plan
 - B. Floor plan
 - C. Elevation plan

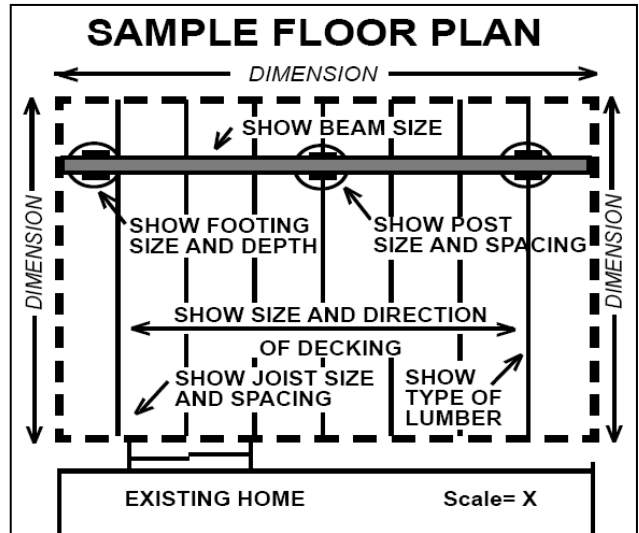
BUILDING PLANS MUST SHOW THE FOLLOWING:

1. **Site plan** showing:
 - A. Property address.
 - B. Complete property drawn to scale according to an accurate boundary line survey.
(If no property corner markers are visible, a certificate of survey may be required.) Demolition: indicate structures to be demolished and the size and location of structures that are to remain.
 - C. Size and location of existing buildings and proposed construction.
 - D. Setbacks from all property lines of all existing and proposed structure(s).
 - E. Any easements on the property.
 - F. Septic system area and wells if applicable.
 - G. Designation of side street for corner lot projects.
(The Building Official may waive or modify the requirement for a site plan when warranted.)

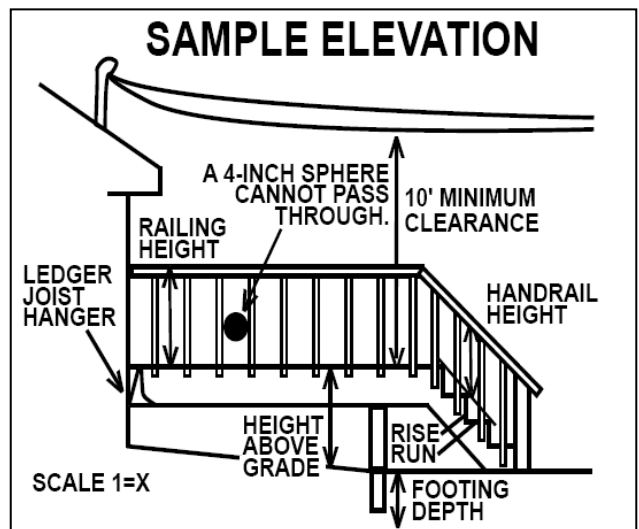


This handout corresponds to the **2006 International Residential Code (IRC)** as adopted in **Minnesota Rules (MR), Chapter 1309** and applies to the construction, alteration, moving, demolition, repair and use of any detached one- and two-family dwellings as well as townhouses not more than three stories high. Other applicable codes and ordinances of the City of Faribault also apply.

2. **Floor plan** showing:
- Proposed deck size.
 - Type (grade and species) of lumber to be used.
 - Size and spacing of floor joists.
 - Size and type of decking material.
 - Size and direction of beams.
 - Size, location and spacing of posts.
 - Size, location and spacing of footings.



3. **Elevation plan** showing:
- Height of structure from grade.
 - Size and depth of footings
 - Guard height and spacing
 - Stairway rise and run and handrail height.
 - Clearance of over-head wires



REQUIRED INSPECTIONS

(TO BE OBTAINED AS THEY APPLY DURING THE CONSTRUCTION OF THE DECK):

It is the responsibility of the party doing the work to make arrangements with the building department for inspections (Minnesota Rules [MR] 1300.0210):

- Footing Inspection**
Prior to the placement of any concrete, after footing holes are dug.
- Framing Inspection**
To be made after all framing, blocking, and bracing are in place and prior to covering the construction so as to remain accessible for inspection. This inspection can be completed at the time of the final inspection if all parts of the framing will be visible and accessible.
- Final Inspection**
To be made upon completion of the deck and finish grading.

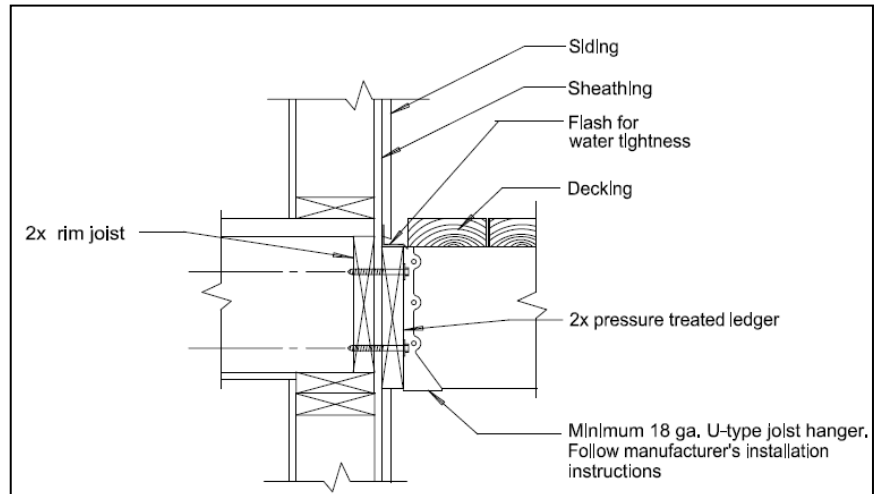


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THE DECK MUST MEET THE FOLLOWING CODE PROVISIONS:

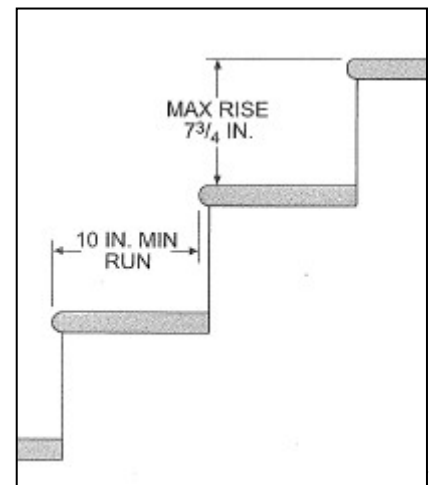
1. Uncovered decks may project into any front, side or rear **required setback** a distance not to exceed 4 feet (Faribault Unified Development Ordinance, Appendix B, Section 6-120). A setback of 10 feet is required between the deck and any accessory structures such as garages and sheds (Section 6-180).
2. When **locating a deck**, care must be given to the location of existing 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. Prior to placement of any deck that will interfere with these areas, contact the Building Codes Department.
3. Decks over **emergency escape (egress) windows** must be a min. 36 inch over grade (IRC R310.5).
4. **Overhead power lines** (service drop conductors) must be located a minimum of 10 feet above decks and platforms (National Electrical Code 230.24). Existing lines may need to be raised if a new deck is constructed beneath them.
5. A deck is required to have min. 42 inch deep **frost footings** if attached to the house or other structure with frost footings (MR 1309.0403).
6. 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 (MR 1309.0301). (If a screen porch or 3-season porch might be constructed in the future on the deck platform, special setback and design requirements should be considered.)

7. **Ledger boards** must be positively anchored to the house (when not free-standing) and designed for both vertical and lateral loads (IRC R502.2.2). The use of toenails or nails subject to withdrawal is prohibited.



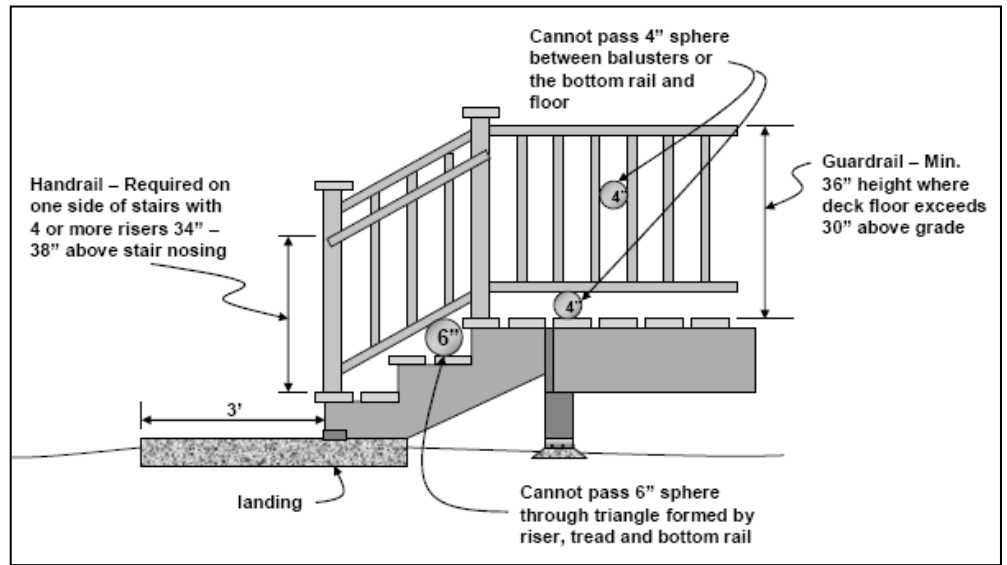
8. Every joist and beam must be supported by at least 1½ inches of wood or metal at each end. Otherwise approved **joist hangers** must be installed (IRC R502.6).
9. Joists should not **overhang** beams (cantilever) by more than two feet, nor should beams overhang posts by more than one foot unless a special design is approved. Connections to the house framing must be designed and constructed to resist uplift resulting from the full live load (40 psf) acting on the cantilevered portion of the deck (IRC R502.2.2).
10. If the deck has a **stairway**, it must not be less than 36 inches in width. Stairways must be constructed with a 7 ¾-inch maximum rise (height) and a 10-inch minimum run (depth). The tread rise and tread run may not vary over the length of the stairs by more than ⅜ inch. The code also requires illumination at all stairways (IRC R311.5).

11. A **landing** is required at the top and bottom of the stairs (IRC R311.5.4). It shall be as wide as the stairway and at least 36 inches (3') measured in the direction of travel (see illustration on following page).



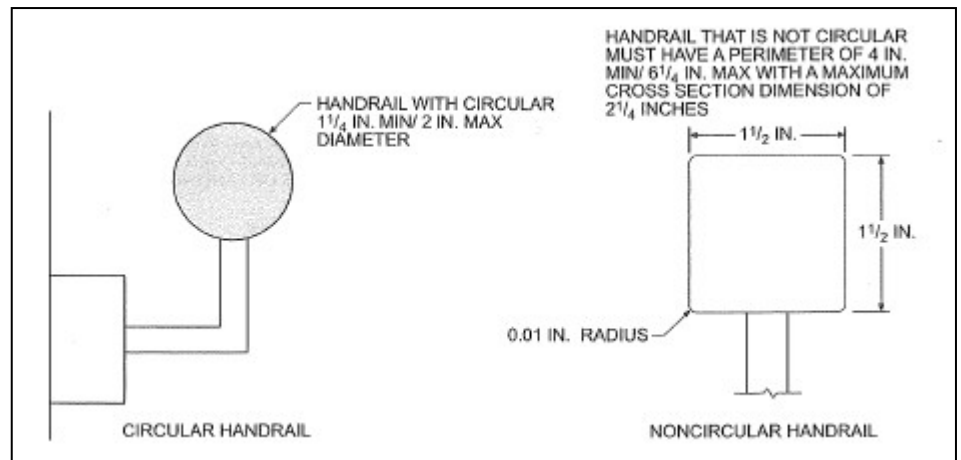
12. A **guard rail** is required on all decks that are 30 inches or more above grade (IRC R312). Such guard shall be at least 36 inches in height. Open guardrails shall have intermediate rails or an ornamental pattern such that a 4-inch diameter sphere cannot pass through, i.e. open space between balusters must be less than 4 inches.

Open sides of stairs with a total rise of more than 30 inches above grade shall have guards not less than 34 inches in height measured vertically from each tread nosing and shall not allow a sphere $4\frac{3}{8}$ inches to pass through.

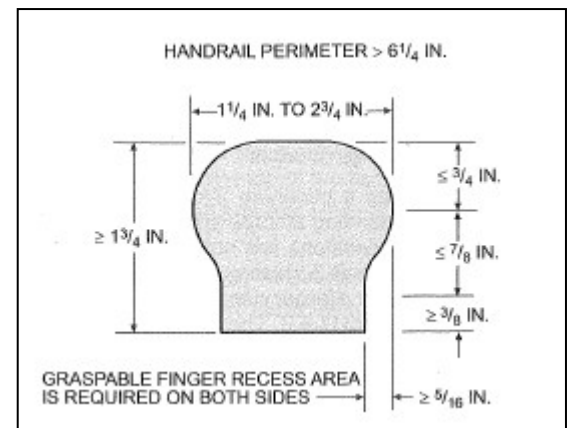


13. **Grippable handrails** are required on at least one side of all stairways having 4 or more risers (IRC R311.5.6). The handrail must be continuous for the length of the stairs and allow min. 1½ inches space between the rail and the wall or other obstructions. The handrail ends shall return into the newel posts or a wall. The handrail size must meet one of the following:

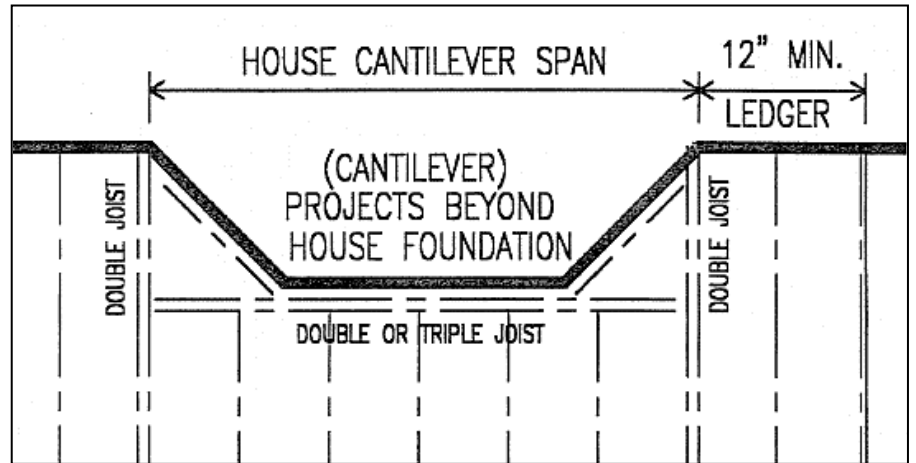
Type I (cross section perimeter less than 6¼ inches): See diagram for requirements →.



Type II (cross section perimeter greater than 6¼ inches): A graspable finger recess must be provided on both sides of the profile and meet the dimensions in the diagram →.

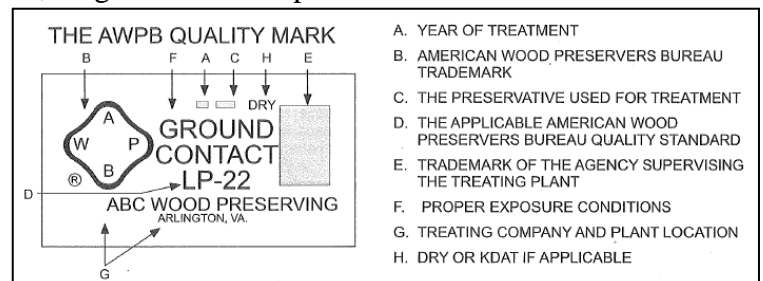


14. Include detail for attaching deck at **cantilevered floor framing**.

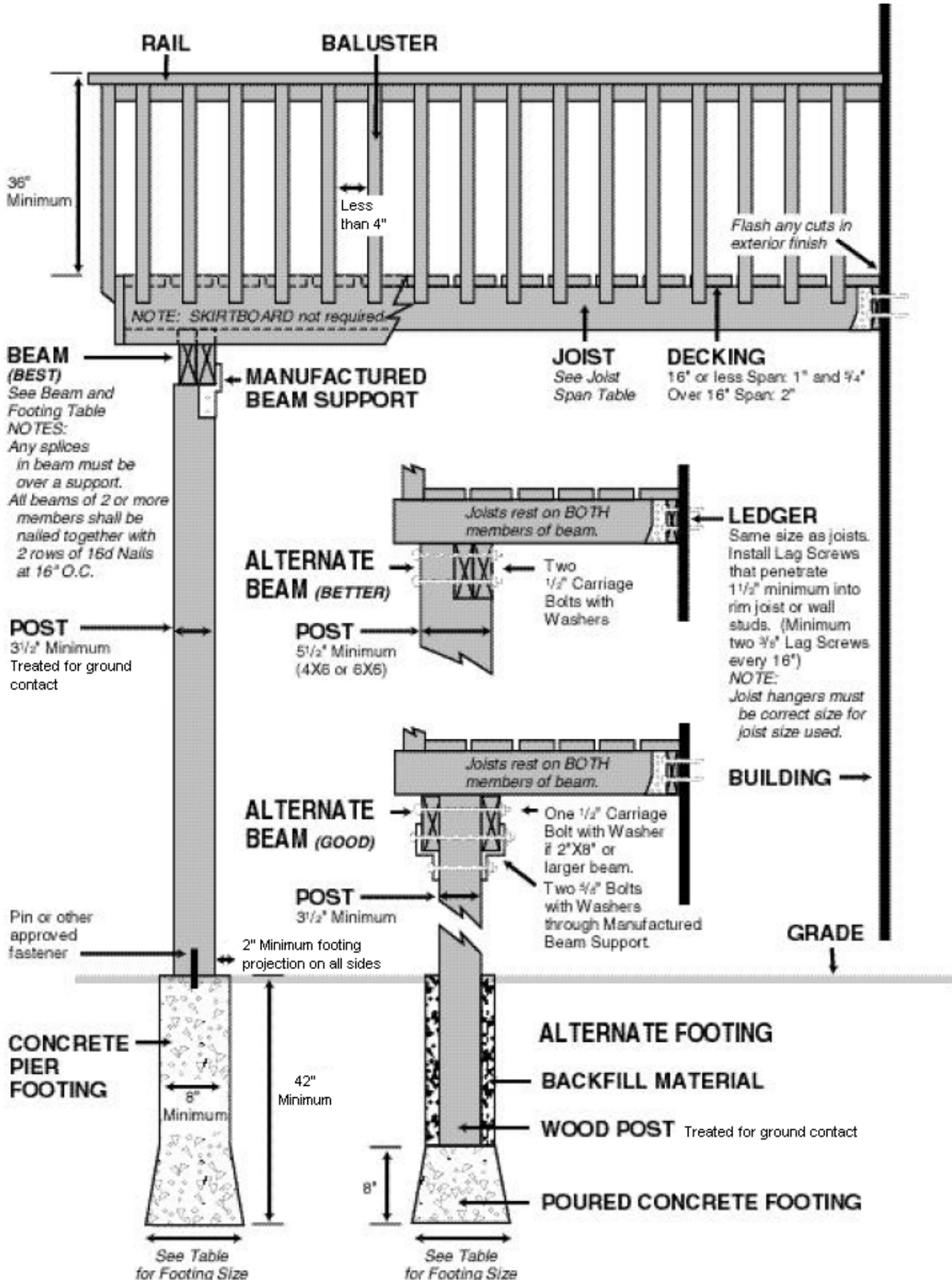


15. **Flashing** is required where the deck connects to wood-frame construction (MR 1309.0703). Approved corrosion-resistant flashing shall be applied shingle-fashion in such a manner to prevent water entering the building's structural framing components. The flashing must extend to the surface of the exterior wall finish.
16. The following **materials** may be used as deck components when exposed to the weather (for example posts, beams, joists, ledger and decking (IRC R319)):
- Approved wood with natural resistance to decay such as redwood or cedar. Cedar or redwood posts need an 8-inch separation from the ground.
 - Approved treated wood. Columns or posts in contact with the ground or embedded in concrete, earth or masonry must be of special pressure treated wood approved for ground contact.
 - Other materials such as composite plastics that have prior approval from the Building Codes Department. (Plastic/composite decking must carry an ICC-ES evaluation report. A list of approved manufacturers and the corresponding reports are included on pages 11 and 12 of this packet.)
17. Recent changes in the chemicals used in the manufacture of **pressure-treated wood** require careful consideration when choosing connectors, anchors and fasteners. The use of chromated copper arsenate, also known as CCA, has been phased out and the most common new treatments approved for outdoor use are alkaline copper quaternary (ACQ) 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 hardware as well as greater care in the selection of materials that may come in contact with the wood. The fastener industry has indicated that some of the hardware currently on the market will fail prematurely with some of the new treatments.

Particular attention needs to be paid to the grade marks on the lumber and verify that **proper hardware** (e.g. hot-dipped galvanized or stainless steel) is compatible with the particular treatment of the lumber. This not only applies to deck boards but sill plates, ledger boards and posts as well. The code references the American Wood Preservers Association (www.awpa.com), 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 the Building Official.

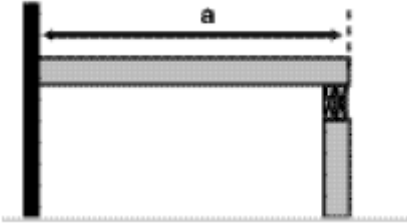


SAMPLE DECK CONSTRUCTION



SIZING DECK COMPONENTS – REFER TO TABLES FOR JOIST, BEAM AND FOOTING SIZE REQUIREMENTS ON THE FOLLOWING PAGES.

Example 1: a = 12'; Post Spacing = 8'

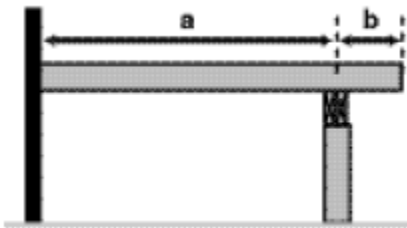


Use the **Maximum Joist Spans** table to find the acceptable joist sizes for a 12' span based on the species of lumber your supplier offers, e.g. Southern Pine 2x8s spaced at 16" on center (O.C.).

Use the **Beam and Footing Sizes** table and find the 8' post spacing column. With a 12' total joist length, the beam may be either two 2x8s or two 2x10s depending on wood used. The footing diameter at the base must be a minimum of 14" for each corner post and 19" for all intermediate posts.

Example 2: a = 8', b = 2'; Post Spacing = 10'

Use "a" to determine joist size and "a" + "2b" to determine beam and footing sizes. The length of "b" is restricted by both the length of "a" and the size of the joists.

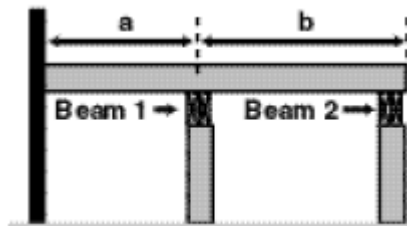


Refer to the **Maximum Joist Spans** table. For an 8' joist span, 2x8s from any species could be used with 24" O.C. spacing.

For sizing the beam, use a joist length of 12' (8' + 4') and a post spacing of 10'. The **Beam and Footing Sizes** table indicates that the beam may be either two 2x10s or two 2x12s, depending on the wood species used. The footing diameter at the base must be a minimum of 15" for each corner post and 21" for all intermediate posts.

Example 3: a = 6', b = 7'; Post Spacing = 9'

Use "a" or "b", whichever is greater, to determine joist size. Use "a" + "b" to determine the size of Beam 1 and the post footing size for the footings supporting Beam 1. Use joist length "b" to determine both the size of Beam 2 and the post footing size for the posts supporting Beam 2.



Joist size is determined by using the longest span joist (7'). The **Maximum Joist Spans** table indicates that 2x6s spaced at 24" O.C. would be adequate for this span.

For Beam 1 and footings, use a joist length of 13' (6' + 7') and a post spacing of 9'. The **Beam and Footing Sizes** table indicates that the beam may be two 2x10s or two 2x12s depending on the wood species used. The footing diameters for Beam 1 posts shall be a minimum of 15" for the corner (outside) posts and 21 for all intermediate posts.

For Beam 2 and footings use a joist length of 7' and post spacing of 9'. The beam may be two 2x8s or two 2x10s depending on the wood species used. The footing diameters for Beam 2 must be a minimum of 12" for the corner posts and 16" for all intermediate posts.

IMPORTANT NOTE: If adding a **screen porch** or 3-season porch on the deck platform may be a future consideration, please note the following:

- Setbacks for porches are not the same as setbacks for decks.
- Footing and posts are located at the edges of the deck (no cantilevers) and sized appropriately.

MAXIMUM JOIST SPANS (A 2-FOOT CANTILEVER CAN BE ADDED)

SEE NEXT PAGE FOR BEAM AND FOOTING SIZES

Table assumes on No. 2 or better wood grades. Naturally decay resistant or treated for weather and/or ground exposure.

(Design load = 40 psf LL + 10 psf DL, Deflection = L/360)

Species or Group	2 x 6		2 x 8		2 x 10		2 x 12	
	spacing on center		spacing on center		spacing on center		spacing on center	
	12"	16"	12"	16"	12"	16"	12"	16"
Southern Pine	10'-4"	9'-5"	13'-8"	12'-5"	17'-5"	15'-10"	21'-2"	18'-10"
Douglas Fir-Larch	10'-9"	9'-9"	14'-2"	12'-7"	17'-9"	15'-5"	20'-7"	17'-10"
Douglas Fir-South	9'-9"	8'-10"	12'-10"	11'-8"	16'-5"	14'-11"	19'-11"	17'-7"
Hem-Fir	10'-0"	9'-1"	13'-2"	12'-0"	16'-10"	15'-2"	20'-4"	17'-7"
Spruce-Pine-Fir	10'-3"	9'-4"	13'-6"	12'-3"	17'-3"	15'-5"	20'-7"	17'-10"
Western Woods	9'-2"	8'-4"	12'-1"	11'-0"	15'-5"	13'-6"	18'-1"	15'-8"



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BEAM AND FOOTING SIZES

Species or Group		Post Spacing										
		4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
6'	Douglas Fir-Larch	(1) 2x6	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10
	Hem-Fir	(1) 2x6	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10
6'	Southern Pine	(1) 2x6	(1) 2x6	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x10
	Western Woods	(1) 2x6	(1) 2x6	(1) 2x8	(2) 2x8	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10
6'	Corner Footing	8	8	9	10	10	11	12	12	13	13	14
	Intermediate Footing	10	12	13	14	14	15	16	17	18	18	19
7'	Douglas Fir-Larch	(1) 2x6	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10
	Hem-Fir	(1) 2x6	(1) 2x8	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x10
7'	Southern Pine	(1) 2x6	(1) 2x6	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x10	(2) 2x12
	Western Woods	(1) 2x6	(1) 2x6	(1) 2x8	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10
7'	Corner Footing	8	9	10	10	11	12	12	13	13	14	14
	Intermediate Footing	11	12	13	14	15	16	17	18	19	19	20
8'	Douglas Fir-Larch	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12
	Hem-Fir	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12
8'	Southern Pine	(1) 2x6	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12
	Western Woods	(1) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x10	(2) 2x10	(3) 2x10	(3) 2x10	(3) 2x12
8'	Corner Footing	8	9	10	11	12	12	13	13	14	15	15
	Intermediate Footing	12	13	14	15	16	17	18	19	20	20	21
9'	Douglas Fir-Larch	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12
	Hem-Fir	(1) 2x8	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12
9'	Southern Pine	(1) 2x6	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10
	Western Woods	(1) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x10	(3) 2x10	(3) 2x10	(3) 2x12	(3) 2x12
9'	Corner Footing	9	10	11	11	12	13	13	14	15	15	16
	Intermediate Footing	12	13	15	16	17	18	19	20	21	21	22
10'	Douglas Fir-Larch	(1) 2x6	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12
	Hem-Fir	(1) 2x8	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(2) 2x12	(2) 2x12
10'	Southern Pine	(1) 2x6	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x10
	Western Woods	(1) 2x6	(1) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
10'	Corner Footing	9	10	11	12	13	13	14	15	15	16	17
	Intermediate Footing	13	14	15	17	18	19	20	21	21	22	23
11'	Douglas Fir-Larch	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12	(3) 2x12
	Hem-Fir	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
11'	Southern Pine	(1) 2x6	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12
	Western Woods	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
11'	Corner Footing	9	10	11	12	13	14	15	15	16	17	17
	Intermediate Footing	13	15	16	17	18	19	20	21	22	23	24
12'	Douglas Fir-Larch	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
	Hem-Fir	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
12'	Southern Pine	(1) 2x8	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12
	Western Woods	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm
12'	Corner Footing	10	11	12	13	14	14	15	16	17	17	18
	Intermediate Footing	14	15	17	18	19	20	21	22	23	24	25
13'	Douglas Fir-Larch	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
	Hem-Fir	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12	Eng Bm	Eng Bm
13'	Southern Pine	(1) 2x8	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12
	Western Woods	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm
13'	Corner Footing	10	11	12	13	14	15	16	16	17	18	18
	Intermediate Footing	14	16	17	18	20	21	22	23	24	25	22
14'	Douglas Fir-Larch	(1) 2x8	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12	Eng Bm	Eng Bm
	Hem-Fir	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm
14'	Southern Pine	(1) 2x8	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	(3) 2x12
	Western Woods	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm	Eng Bm
14'	Corner Footing	10	12	13	14	14	15	16	17	18	18	19
	Intermediate Footing	14	16	18	19	20	21	23	24	25	26	27
15'	Douglas Fir-Larch	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm
	Hem-Fir	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm
15'	Southern Pine	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
	Western Woods	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(3) 2x10	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm	Eng Bm
15'	Corner Footing	11	12	13	14	15	16	17	17	18	19	20
	Intermediate Footing	15	17	18	19	21	22	23	24	25	26	27
16'	Douglas Fir-Larch	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm
	Hem-Fir	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(3) 2x10	(3) 2x10	(3) 2x12	Eng Bm	Eng Bm	Eng Bm
16'	Southern Pine	(2) 2x6	(2) 2x6	(2) 2x8	(2) 2x8	(2) 2x10	(2) 2x12	(2) 2x12	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm
	Western Woods	(2) 2x6	(2) 2x8	(2) 2x10	(2) 2x10	(3) 2x10	(3) 2x10	(3) 2x12	(3) 2x12	Eng Bm	Eng Bm	Eng Bm
16'	Corner Footing	11	12	13	14	15	16	17	18	19	19	20
	Intermediate Footing	15	17	19	20	21	23	24	25	26	27	28

Eng Bm: An engineered beam (e.g. LVL, Microlam, etc.) is required for this joist length and post spacing.

APPROVED PLASTIC/COMPOSITE DECKING MATERIALS

**Please read all evaluation reports that apply thoroughly.
Not all products are approved for use on stairs.**

International Code Council-Evaluation Services
Visit www.icc-es.org for latest updates
Contact the Building Official for new listings.

Product Name	Manufacturer	Evaluation Report
A.E.R.T. Choicedek Decking	Advanced Environmental Recycling Technologies, Inc.	NER-596
Andersen Corp. Engineered Decking	Andersen Corp.	NER-614
Boardwalk Composite Lumber	Certainteed Corp.	NER-576
Brock Deck & Triple Crown Fence	Royal Crown Ltd.	NER-705
Bufftech	Certainteed Corp.	NER-605
Carefree Decking System & Guardrail System	U.S. Plastic Lumber Ltd.	97-63.01
C-Clip Vinyl Deck System	Kroy Building Products, Inc.	21-90
CertainTeed PVC Deck Planks & Railing Systems	Certainteed Corp.	NER-605
CorrectDeck	Correct Bldg. Products	NER-688
Country Estate Railing System	Nebraska Plastics, Inc.	21-76
Crown Stock Fiberglass Column	Crown Column & Millwork, LLC	2405
Deck Lok	Royal Crown Limited	ESR-1051
Dream Deck & Dream Rail	Thermal Industries, Inc.	97-55
Endurance Railing System	Railing Dynamics, Inc.	NER-701
eON 5/4" x 5½ Deck Board & Bullnose Deck Board	CPI Plastics Group Ltd	ESR-1300
Epoch Composite Lumber & Evergrain Decking	Epoch Composite Products	NER-630, ESR-1625
Evernew	Certainteed Corp.	NER-605
EverX Wood Plastic Composite Deck Board	UFP Ventures II, Inc.	NER-682
Evolve Lumber Plastic Decking	Renew Plastics	NER-702
Fiberon Deck Boards & Fiberail Guardrail System	Fiber Composites, LLC	22-41
GeoDeck Decking & Railing System	Kadant Composites, Inc.	21-71
Kroy Vinyl Railing System	Kroy Building Products, Inc.	22-33
Lakeshore	BlueLinx Corp.	NER-682
Liberty Decking	Outdoor Technologies, Inc.	22-39
Life Long Composite	Brite Manufacturing, Inc.	ESR-1278 (Solid), ESR-1279 (Hollow)
Master Mark Rhino Composite Decking	Master Mark Plastic Products	ER-6134
Monarch Decking	Green Tree Composites	ESR-1084

Continued on next page.

Country Estate Railing System	Nebraska Plastics, Inc. (Rohlfing's)	21-76
Perma-Deck	Plastiques Cascades, Inc.	21-91
Perma-Poly Lumber Plastic Decking	Renew Plastics	NER-702
Premier Composite Decking & Railing System	Composatron Mfg., Inc.	NER-682 (Decking), NER-709 (Railing)
Presidio Vinyl Decking	Westech	NER-710
Procell Decking System	Procell, LLC	ESR-1667
Profexion Deck Boards	Fiber Composites, LLC	22-41
Pro Perfect Decking	Fiber Composites, LLC	22-41
Quick Rail Synthetic Rail System	Dixie Pacific	22-22
Sheerline PVC Decking & Railing	L.B. Plastics, Inc.	NER-571
Teck Deck Flooring & Guardrail Systems	Outdoor Technologies, Inc.	21-26
Tek-Rail Vinyl Guardrail System	Tek-Rail, Inc.	9850C
Timberlast	Kroy Building Products	NER-682
TimberTech Decking & Railing	TimberTech Limited	2325, ESR-1400
Trex Composite Lumber & Wood-polymer Composite Lumber	Trex Company, Inc.	ER-5747, NER-508
Tri-Ex Composite Guardrail	Tri-Ex Composites, Inc.	22-22
Ultradeck	Midwest Mfg. Extrusion	ESR-1674
Veranda	UFP Ventures II, Inc..	NER-682
Weatherbest Composite Decking & Railing	Louisiana-Pacific Corp.	NER-603
West Lumber Decking	JRW-RDW, Inc.	2310
Xtendex Composite Decking & Guardrail System	Composite Building Products Int'l., Inc.	NER-695
Yardcrafters Vinyl Railing Systems	GSW Building Products	NER-697



Building Code Division

3rd Floor, 208 NW 1st Ave, Faribault, MN 55021 www.faribault.org

Alan Ernste,	Building Official	(507) 333-0347
Dave Mathews,	Building Inspector	(507) 333-0357
	Schedule Inspections	(507) 333-0387

Residential Property Owner Waiver

Minnesota State Contractor Licensing Requirements

I understand that the State of Minnesota requires that all residential building contractors, remodelers and roofers obtain a state license unless they qualify for a specific exemption from the licensing requirements. By signing this document, I attest to the fact that I am building or improving this property myself. I hereby claim to be exempt from the state licensing requirements because I am not in the business of building on speculation, or for resale, and that the house for which I am applying for this permit is the first residential structure I have built or improved in the past twelve (12) months. I also acknowledge that because I do not have a state license, I forfeit any mechanic's lien rights to which I may otherwise have been entitled under MN Statute §514.01.

Furthermore, I acknowledge that I may be hiring independent contractors to perform certain aspects of the construction or improvement of this property, and I understand that some of these contractors may be required to be licensed by the State of Minnesota. I understand that unlicensed residential contracting, remodeling, and/or roofing activity is a misdemeanor under Minnesota law, and that I would forfeit my rights to reimbursement from the Contractor's Recovery Fund in the event that any contractors I hire are unlicensed.

As the contractor on this project I acknowledge that I am solely and personally responsible for any violations of the MN State Building Code and/or the Unified Development Ordinance of the City of Faribault in connection with the work performed on this property.

Signature of Property Owner (Homeowner)

Property Address

Date

PLEASE RETURN THIS SIGNED WAIVER WITH THE BUILDING PERMIT APPLICATION.

To determine whether a particular contractor is required to be licensed, or to check on the licensing status of individual contractors, please call the Department of Labor and Industry toll-free at 1-800-342-5354 or go visit www.doli.state.mn.us/rbc_licensing.html and click on "License lookup."

Third Floor, 208 NW 1st Ave, Faribault, MN 55021
 Phone (507) 333-0387 Fax (507) 384-0507
 www.ci.faribault.mn.us

1. Date: _____
2. Building Address: _____
 Is there a well or septic system on this property? Yes* No
*If yes, Letter of Compliance required by a licensed septic installer.
3. Permit Applicant: Owner Designer Contractor
4. Lot # _____ Block # _____ Addition: _____
5. Owner's Name: _____
 Address: _____
 Telephone # _____
6. Contractor's Name: _____
 Address: _____
 Telephone # _____ Cell Phone # _____
 State License Number: _____ Exp: _____

 Architect's Name: _____
 Address: _____
 Telephone # _____ State License # _____
7. Estimated Value of Construction (labor + material): \$ _____
8. Project Square Footage or Dimensions: _____
9. Description of Project: _____

I hereby certify that I have completed and examined this application and certify that the information contained therein is correct. If a permit is issued, I agree all work will be done in conformance with all applicable ordinances and codes of the City of Faribault and laws of the State of Minnesota.

Printed Name: _____
 Signature: _____

BUILDING PERMIT APPLICATION

For Office Use Only

Permit # _____
 Due Date: _____

Permit Types

Building Septic System

Property Types

<input type="checkbox"/> Commercial (COMM)	<input type="checkbox"/> Modular (MODU)
<input type="checkbox"/> Condominium (COND)	<input type="checkbox"/> Multi-Family (MULT)
<input type="checkbox"/> Duplex (DPLX)	<input type="checkbox"/> Public Facilities (PUBL)
<input type="checkbox"/> Industrial (INDU)	<input type="checkbox"/> Residential (RESI)
<input type="checkbox"/> Institutional (INST)	<input type="checkbox"/> Townhomes (TOWN)

Construction Types

<input type="checkbox"/> Accessory Building (ABLG)	<input type="checkbox"/> Airplane Hangar (APHG)
<input type="checkbox"/> Addition (ADDI)	<input type="checkbox"/> Cold Storage Building (CLDS)
<input type="checkbox"/> Deck (DECK)	<input type="checkbox"/> Demolition (DEMO)
<input type="checkbox"/> Garage Attached (GARA)	<input type="checkbox"/> Egress Window (EGRS)
<input type="checkbox"/> Garage Detached (GARD)	<input type="checkbox"/> Foundation/Sitework (FOUN)
<input type="checkbox"/> New Construction (NEWC)	<input type="checkbox"/> Plan Review (PLRV)
<input type="checkbox"/> Porch 3 Season (PORC)	<input type="checkbox"/> Swimming Pool (POOL)
<input type="checkbox"/> Remodel (REMD)	Septic Systems:
<input type="checkbox"/> Window Replacement (WIND)	<input type="checkbox"/> Install Alt. System (INSA)
	<input type="checkbox"/> Install Mound (INSM)
	<input type="checkbox"/> Install Trench (INST)

Valuation \$ _____ Surcharge

Occupancy Group _____ Permit

Bldg. Const. Type _____ Plan Check Fees

Design Occupant Load _____ WAC # of Units _____

Plan # _____ Date _____ SAC # of Units _____

Parkland

Bldg. Square Feet _____ Water Meter _____

Number of Stories _____ Escrow

Number of Units _____

Building Sprinkled..... Yes No

Applicable Edition of Code _____