NOTICE:

Applications for building permits will not be reviewed until all of the required information has been submitted, and the building site has been staked.

Once all items are submitted and sites staked - a minimum of ten (10) working days are required to process the application.

Residential Districts Minimum Setbacks						
	A	**R-1**	**R-2**	**R-3**	**R-4**	**R-6**
Principal Structures						
Front Street Setback						
Local Street	40' from ROW 73' from CL	40' from ROW 73' from CL	40' from ROW 73' from CL	30' from ROW	25' from ROW	25' from ROW
Collector Street (Does not include county roads)	40' from ROW 73' from CL	40' from ROW 73' from CL	40' from ROW 73' from CL	40' from ROW	30' from ROW	30' from ROW
Arterial Street	135' from CL	135' from CL	135' from CL	40' from ROW	40' from ROW	40' from ROW
County Roads, US & State Highways	135' from CL	135' from CL	135' from CL	135' from CL	135' from CL	135' from CL
Highway 8 Frontage	150' from ROW	150' from ROW	150' from ROW	150' from ROW	150' from ROW	150' from ROW
Side Street Setbacks (corner lots)						
Local Street	40' from ROW 73 from CL	40' from ROW 73' from CL	40' from ROW 73' from CL	20'	20'	15'
Collector Street (Does not include county roads)	40' from ROW 73' from CL	40' from ROW 73' from CL	40' from ROW 73' from CL	30'	25'	20'
Arterial Street	135' from CL	135' from CL	135' from CL	30'	35'	30'
County Roads, US & State Highways	135' from CL	135' from CL	135' from CL	135' from CL	135' from CL	135' from CL
Highway 8	150' from ROW	150' from ROW	150' from ROW	150' from ROW	150' from ROW	150' from ROW
Interior Side Yard Setback	40'	10'	10'	10'	10'	½ height of building
Rear Yard Setback	50'	35'	35'	35'	35'	35'
Maximum Building Height in Stories	3	3	3	3	3	3
Maximum Building Height in Feet	35'	35'	35'	35'	35'	45'
Accessory Structures						
Front Street Setback	Same distance as Principal Structure					
Side Street Setbacks (corner lots)	Same distance as Principal Structure					
Interior Side Yard Setback	40' farm buildings 3' non-farm buildings	3'	3'	3'	3'	3'
Rear Yard Setback	50' farm buildings 3' non-farm buildings	3'	3'	3'	3'	3'
Maximum Building Height in Stories	N/A farm buildings 3 non-farm buildings	1	1	1	1	1
Maximum Building Height in Feet	N/A farm buildings 35' non-farm buildings	25'	25'	18'	18'	18'
Parking, Driveway Setback	5'	5'	5'	5'	5'	15'
No structures can be placed in easements.						
Arterial Streets:	All State and County Highways, East Viking Boulevard (Anoka County to Glen Oak Drive)					
Collector Streets:	Goodview Avenue, Pioneer Road, West Comfort Drive, Innsbrook Avenue, Heath Avenue, East Viking Blvd. (East of Glen Oak Drive), and 250th Street / Greenway Avenue (Washington County to Highway 61 / Forest Boulevard)					

	Septic Tank	Septic Drainfield	Deep Well	Shallow Well	Property Line	OHWL	Wetland
Above Ground Swimming Pool	10'	20'	N/A	N/A	See Zoning District	See Art. VI, Div. 16	20'
In-Ground Swimming Pool	10'	20'	20'	20'	See Zoning District	See Art. VI, Div. 16	20'
Deep Well	50'	50'	N/A	N/A	N/A	50'	N/A
Shallow Well	50'	100'	N/A	N/A	N/A	50'	N/A
Septic Tank	N/A	N/A	50'	50'	10'	See Art. VI, Div. 16	N/A
Septic Drainfield	N/A	N/A	50'	100'	10'	See Art. VI, Div. 16	N/A
Building	10'	20'	3' to overhang of roof	3' to overhang of roof	See Zoning District	See Art. VI, Div. 16	20'

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Requirements for Application for Building Permit

DECKS & SWIMMING POOLS

APPLICATIONS WILL NOT BE PROCESSED IF ALL FORMS ARE NOT COMPLETED

Items to be submitted with application:

a. Completed building permit application form.

b. 2 sets of the Building Plans.

c. Completed ***Supplement to Deck Permit Application*** form.

d. 2 copies of a Certificate of Survey or site plan; showing the location of the DECK / SWIMMING POOL, HOUSE, DRIVEWAY, ROADS, SEPTIC SYSTEM & WELL (if applicable), and any other buildings with dimensions and setbacks. Swimming Pool applications must include the location of the swimming pool safety fence. Safety fence requirements are on the back of this form.

e. Septic compliance inspection.
If the property is located in a shoreland district, a septic system compliance inspection must be done. If the system was installed or inspected within the last 3 years, its Certificate of Compliance is still valid. If the system is found to be failing, a Septic Permit Application must be included with the Building Permit Application.

If all of the requirements of the Minnesota State Building Code and of the City of Wyoming's Ordinances have been met, a building permit will be issued.

Your building permit does not include the inspection of electrical work. A separate Request for Electrical Inspection form with the required fees must be submitted to the Board of Electricity at or before commencement of any electrical installation that is required by law to be inspected.

Stephen Fischer does electrical inspections in the City of Wyoming. He can be reached at (320) 279-7580, 7:00 – 8:30 am.

***Minimum 24-hour notice for inspections.

***Permit number & address must be furnished when requesting an inspection.

***The building permit inspection card and the approved plans must be on the jobsite at all times. If the building permit inspection card is not posted, the requested inspection will not be done.

***The job is not complete, and the building cannot be occupied, until all of the required inspections are approved.

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Swimming Pool safety fence requirements

Sec. 40 - 534. Swimming pool fencing.

(1) All outdoor pools shall be completely enclosed by a fence or wall of the nonclimbable type, so as to be impenetrable by toddlers, afford no external handholds or footholds, and be a minimum of four (4) feet in height.

(2) While being constructed, the pool or spa area must be fenced with a portable fence, such as a snow fence not less than four feet in height.

(3) All outdoor fence openings or outdoor points of entry into the pool area shall be equipped with self-closing and self-latching devices. The opening between the bottom of the fence and the ground or other surface shall not be more than three (3) inches.

(4) All outdoor special-purpose pools shall have either a fence as described in subsections (1) and (2) of this Division or a latchable cover. The cover shall be constructed of material impenetrable by toddlers and subject to inspection by city inspectors.

Sec. 40 - 535. Swimming pool fencing exception.

(1) Swimming pools are exempt from the requirement to install a safety fence if all three of the following standards are met:

(a) The property upon which the swimming pool is located is zoned Agricultural, and

(b) The property upon which the swimming pool is located was not created through a Conditional Use Permit process allowing a lot in the Agricultural Zoning District to be smaller than five (5) acres in size, and

(C) The swimming pool maintains a minimum rear and side lot line setback of three hundred (300) feet.

1. The three hundred (300) foot setback may be waived from one or all of the rear and side lot lines if a physical barrier exists (such as a lake, stream, or open water wetlands), which makes access to the swimming pool over that lot line from the adjacent property impossible or highly improbable.

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RESIDENTIAL DECK INFORMATION SHEET

Building Permits	Required for any deck attached to a structure or any detached deck more that 30 inches above grade.
Frost Footing	Required for any deck attached to a dwelling, porch, or garage that has frost footings. The minimum depth to the base of the footing is 42 inches.
Live Load	All decks shall be designed to support a live load of 40 pounds per square foot.
Guardrails	Required on all decks more than 30 inches above grade or a lower deck. Rail must be 36 inches minimum in height. Open guardrails and stair railings must have intermediate rails or an ornamental pattern that a 4-inch sphere cannot pass through.
Cantilevers "Overhanging Joists and Beams"	Joists should not overhang beams by more than two feet, nor should beams overhang posts by more that one foot unless a special design is approved.
Flashing	All connections between deck and dwelling shall be weatherproof. Any cuts in exterior finish shall be flashed.
Framing Details	Header beams more than six feet long and joists over 12 feet long that frame into ledgers or beams shall be supported by approved framing anchors such as joist hangers. Screws cannot be used to attach joist hangers.
Nails and Screws	Use only stainless steel, high strength aluminum or hot-dipped galvanized.
Wood Required	All exposed wood used in the construction of decks is required to be of approved wood of natural resistance to decay (redwood, cedar, etc.) or approved treated wood. This includes posts, beams, joists, decking, and railings.
Stairs	Minimum width is 36 inches. Maximum rise is 7 3/4 inches; minimum rise is 4 inches. Minimum run is 10 inches. Largest tread width or riser height shall not exceed the smallest by more than 3/8 inch.
Handrails	The top shall be placed not less than 34 inches or more than 38 inches above the nosing of the treads. Stairways having four or more risers shall have at least one handrail. Handrail ends shall be returned or terminated in posts. The handgrips shall not be less than 1 1/4 inches or more than 2 inches in cross-sectional dimension or the shape shall provide an equivalent gripping surface. The handgrip shall have a smooth surface with no sharp corners.
Special Design Note	Some deck designs may not be appropriate if the placement of a hot tub, screen porch, or a 3-season porch on the deck platform is a future consideration.

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Application for Building Permit (Decks & Swimming Pools)

NOTE: THERE IS A PENALTY FOR CONSTRUCTION PRIOR TO ISSUANCE OF THE PERMIT. ALL FEES MUST BE PAID.

Please Print

Site Address _____
address city State zip

Owner Name_____ Phone_____

Legal Description Lot____ Block____ Subdivision _____

Sec_____ Twp 33N Range 21W Zone_____

PIN (Tax) Number R 21._____

Builder/Contractor Name _____ License # _____
PLEASE PRINT

Contact Person _____

Address _____
address city State zip

Phone _____

Type of work New____ Alter____ Repair____

Type of Construction Wood ____ Masonry ____ Steel ____

Use of Building _____

Deck size_____x_____=_____sq. ft. Total floor area _____

Pool size: Length _____ Width _____ Diameter _____ Depth _____

Total Gallons _____ In ground _____ Above ground _____

Valuation of completed work $_____(Labor & Materials)

Desired start date____/____/____ Estimated completion date____/____/____

The undersigned agrees to do all work in conformance with The Minnesota State Building Code and herewith declares that all facts and representations on this application are true and correct.

THE UNDERSIGNED AGREES TO NOTIFY THE INSPECTIONS DEPT. WHEN READY FOR INSPECTIONS.

Signature of Applicant_____Date_____/____/____

****

OFFICE USE ONLY

APPROVED / DISAPPROVED By: _____ Date____/____/____
Official

Permit # _____ Date Paid____/____/_____ Check # _____

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SUPPLEMENT TO DECK PERMIT APPLICATION

2 sets of the building plans and all of the following information are required with the deck permit application

a. Size and depth of footings: _____

_____

b. Size and spacing of posts: _____

_____

c. Type of lumber: _____

_____

d. Size of beams: _____

_____

e. Size and spacing of joists: _____

_____

f. Type of floor boards: _____

_____

g. Height of deck off the ground: _____

_____

h. Height and design of guardrail: _____

_____

i. Size of deck: _____

_____

j. Distance to property lines Side 1 _____

Side 2 _____

Rear _____

Septic & Well _____

Permit # _____

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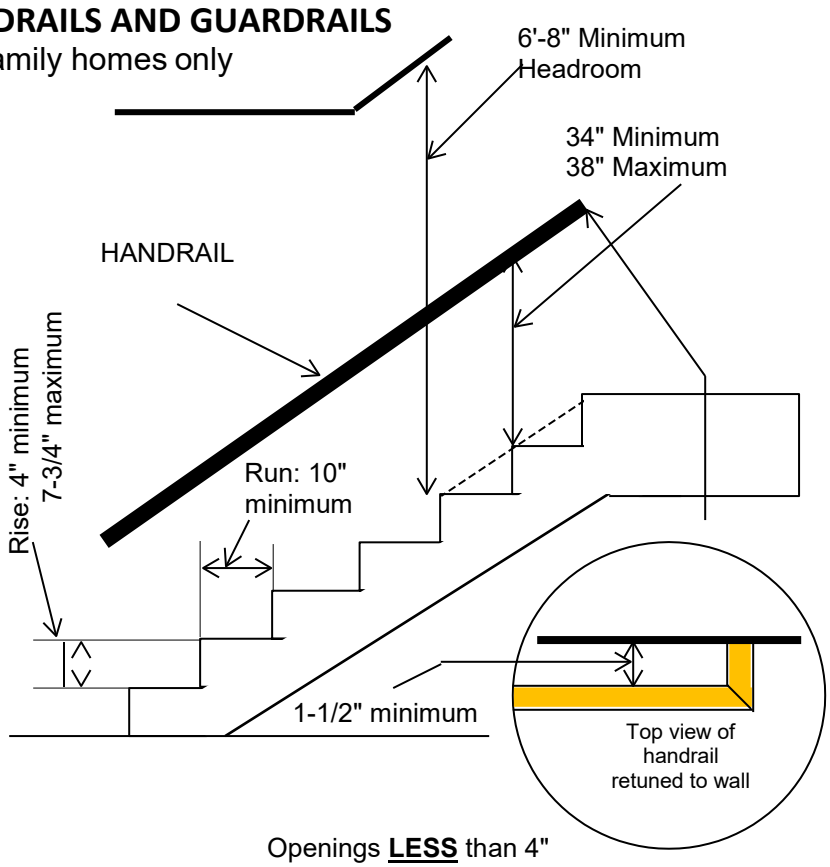
STAIRWAYS, HANDRAILS AND GUARDRAILS

Single family homes only



Steps

The largest tread width or riser height within a flight of stairs shall not exceed the smallest by more than 3/8 inch (steps shall be even).

Headroom

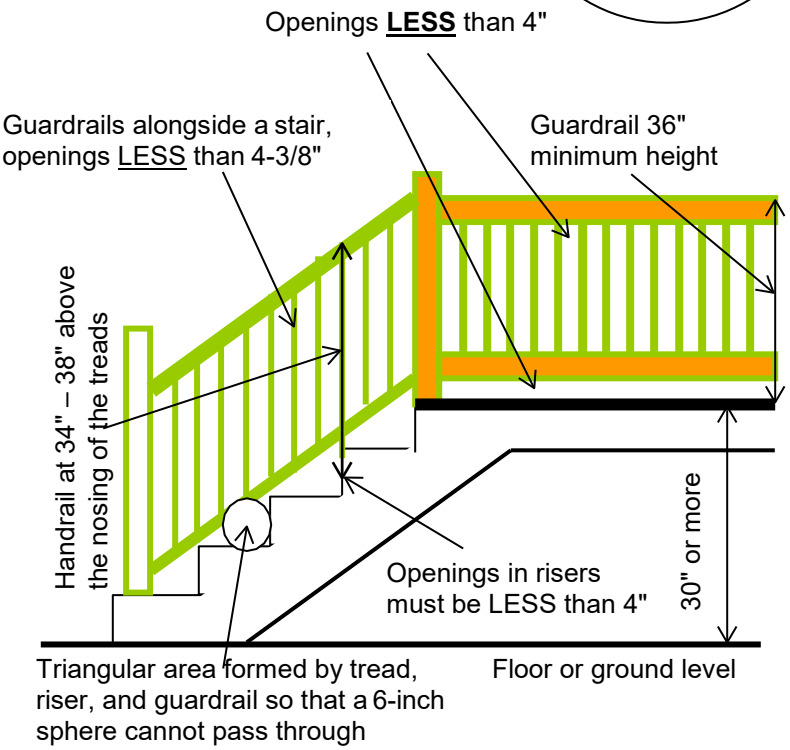
Every stairway must have headroom clearance of not less than 6 feet 8 inches measured vertically from the nose of the tread.

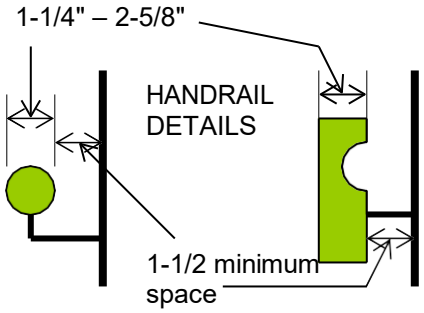
Handrails

The top shall be placed not less than 34 inches, nor more than 38 inches, above the nosing of the treads. They shall be continuous the full length of the stairs. Ends shall be returned to walls or terminated in newel posts or safety terminals. The diameter of handgrips shall be between 1-1/4 inches to 2-5/8 inches, or the shape shall provide an equivalent gripping surface. The handgrip shall have a smooth surface with no sharp corners. Handrails are not required on stairways having less than 4 risers.

Guardrails

Guardrails are required when the walking surface (including a flight of stairs) is more than 30 inches above grade or the floor below. The top of the guardrail must be at least 36 inches high. The guardrail spacing or pattern must be designed so that a 4-inch sphere cannot pass through the opening.





This handout is written as a guide to common questions and problems. It is not intended nor shall it be considered a complete set of requirements.

Beam and Footing Sizes Based on Treated No.2 or Better Southern Pine			Post Spacing										
			4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
Total Joist Length (including cantilevers)	6'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x10	2-2x10
		Corner Footing Intermediate Footing	6 9	7 10	7 10	8 11	9 12	9 13	10 14	10 14	10 15	11 15	11 16
	7'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x10	2-2x10	2-2x12
		Corner Footing Intermediate Footing	7 9	7 10	8 11	9 12	9 13	10 14	10 15	11 15	11 16	12 17	12 17
	8'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x8	2-2x10	2-2x10	2-2x12	2-2x12
		Corner Footing Intermediate Footing	7 10	8 11	9 12	9 13	10 14	10 15	11 16	11 16	12 17	13 18	13 18
	9'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x10	2-2x12	2-2x12	3-2x10
		Corner Footing Intermediate Footing	7 10	8 12	9 13	10 14	10 15	11 16	12 17	12 17	13 18	13 19	14 20
	10'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x12	2-2x12	3-2x10	3-2x10
		Corner Footing Intermediate Footing	8 11	9 12	10 14	10 15	11 16	12 17	12 17	13 18	14 19	14 20	15 21
	11'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x10	2-2x12	2-2x12	3-2x10	3-2x12
		Corner Footing Intermediate Footing	8 12	9 13	10 14	11 15	12 16	12 17	13 17	14 18	14 19	15 20	15 21
	12'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x10	2-2x12	3-2x10	3-2x10	3-2x12
		Corner Footing Intermediate Footing	9 12	10 14	10 15	11 16	12 17	13 18	14 19	14 20	15 21	15 22	16 23
	13'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x10	2-2x12	3-2x10	3-2x12	3-2x12
		Corner Footing Intermediate Footing	9 13	10 14	11 15	12 17	13 18	13 19	14 20	15 21	15 22	16 23	17 24
	14'	Southern Pine Beam	2-2x6	2-2x6	2-2x6	2-2x8	2-2x10	2-2x10	2-2x12	3-2x10	3-2x12	3-2x12	3-2x12
		Corner Footing Intermediate Footing	9 13	10 15	11 16	12 17	13 18	14 20	15 21	15 22	16 23	17 24	17 24
	15'	Southern Pine Beam	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x12	2-2x12	3-2x10	3-2x12	3-2x12	Eng Bm
		Corner Footing Intermediate Footing	10 14	11 15	12 17	13 18	14 19	14 20	15 21	16 22	17 23	17 24	18 25
	16'	Southern Pine Beam	2-2x6	2-2x6	2-2x8	2-2x8	2-2x10	2-2x12	2-2x12	3-2x10	3-2x12	3-2x12	Eng Bm
		Corner Footing Intermediate Footing	10 14	11 16	12 17	13 18	14 20	15 21	16 22	16 23	17 24	18 25	18 26

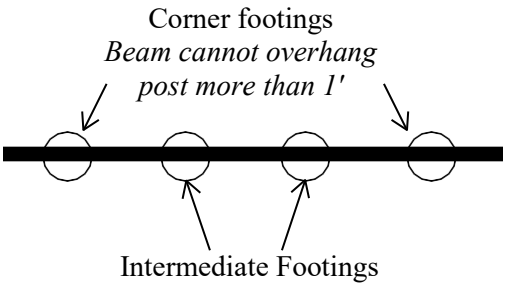
Notes:

1. All footing sizes above are base diameters in inches. Footings may be belled at bottom.
2. When joist extends (cantilevers) beyond support beam by 18" or more add 1" to footing dimensions shown.
3. Requirements for future 3-season porches or screen porches:
   a. Increase corner footing size shown by 90%
   b. Increase center footing size shown by 55%
   c. Locate all footings at extremities of deck (no cantilevers).
   d. Beam sizes indicated need not be altered.

Joist Span Table

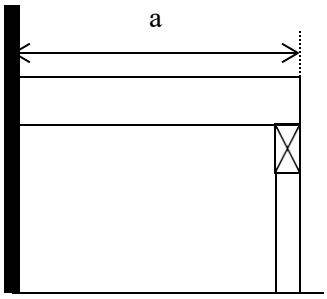
Based on No.2 or better wood grade.
(Design loads = 40#/square foot Live load + 10#/square foot Dead load, Deflection = L/360)
Spans are measured support to support (example: ledger board to beam)

	Southern Pine			
	12"OC	**16"OC**	**19.2"OC**	**24"OC**
2x6	10'-9"	9'-9"	8'-9"	8'-6"
2x8	14'-2"	12'-10"	11'-6"	11'-0"
2x10	18'-0"	16'-1"	14'-1"	13'-1"
2x12	21'-9"	18'-10"	16'-3"	15'-5"



Sample calculations for using the Beam and Footing size, and Joist Span tables.
Refer to tables for joist, beam, and footing size requirements.

Deck #1

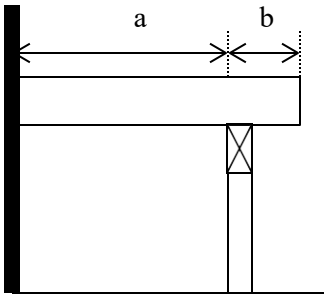


Deck #1
Example: a = 12'; Post spacing = 8'

Use the **Joist Span** table to find the acceptable joist sizes for a 12' span; either 2x8's at 16"O.C., 2x10's at 16" O.C. or 2x12's at 24" O.C.

Use the **Beam and Footing size** table and find the 8' post spacing column. With a 12' joist span the beam must be at least 2-2x8's. The footing diameter at the base of the footing must be at least 12" at the corners and 17" at all intermediate posts.

Deck #2

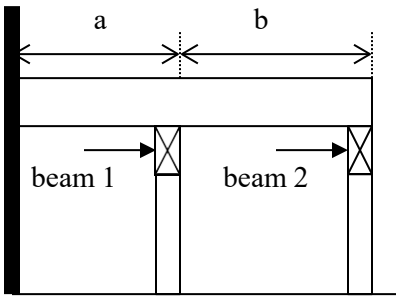


Deck #2
Example: a =8', b =2'; Post spacing = 10'

Use the **Joist Span** table to find the acceptable joist sizes for a 8' span; either 2x8's at 24" O.C. or 2x6's at 16" O.C.

For sizing the beam use a joist length of 10' (8' +2') and a post spacing of 10'. The **Beam and Footing size** table indicates the beam must at least 2-2x10's. The footing diameter at the base of the footing must be at least 13" at the corners and 18" at all intermediate posts. Note that because of the 2' cantilever all the footing sizes were increased 1" as required by footnote 2 at the end of the table.

Deck #3



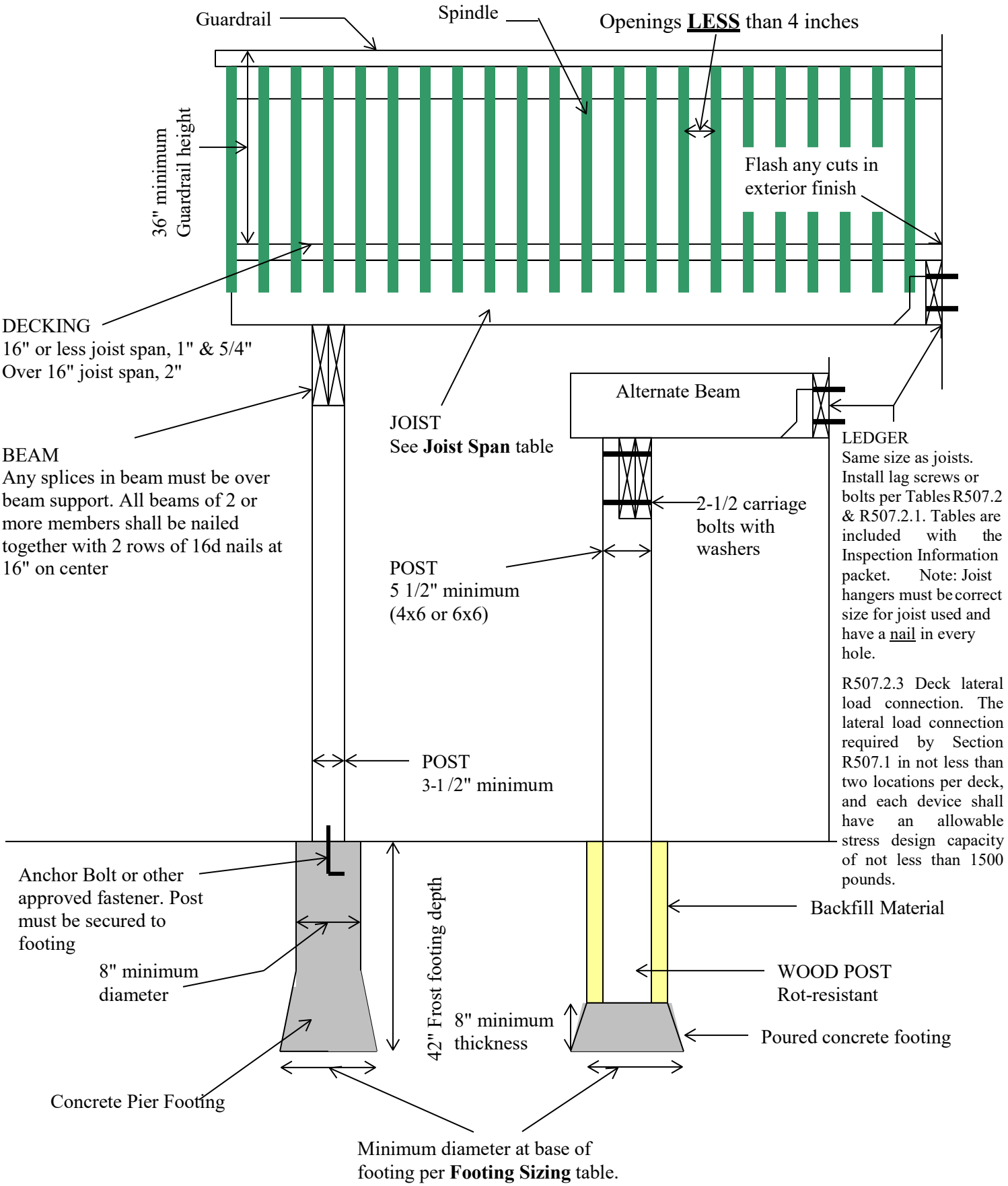
Deck #3
Example: a = 6', b = 7'; Post spacing = 9'

Joist size is determined by using the longest span joist (7'). The **Joist Span** table indicates that 2x6's at 24" O.C. would be adequate for this span.

For beam 1 and footings use a joist span of 13' (6' +7') and a post spacing of 9'. The **Beam and Footing size** table indicates the beam must be at least 2-2x10's. The footing diameter at the base of the footing must be at least 13" at the corners and 19" at all intermediate posts.

For beam 2 and footings use a joist span of 7' and a post spacing of 9'. The **Beam and Footing size** table indicates the beam must be at least 2-2x8's. The footing diameter at the base of the footing must be at least 10" at the corners and 14" at all intermediate posts.

RESIDENTIAL DECKS



This Handout is written as guide to common questions and problems.
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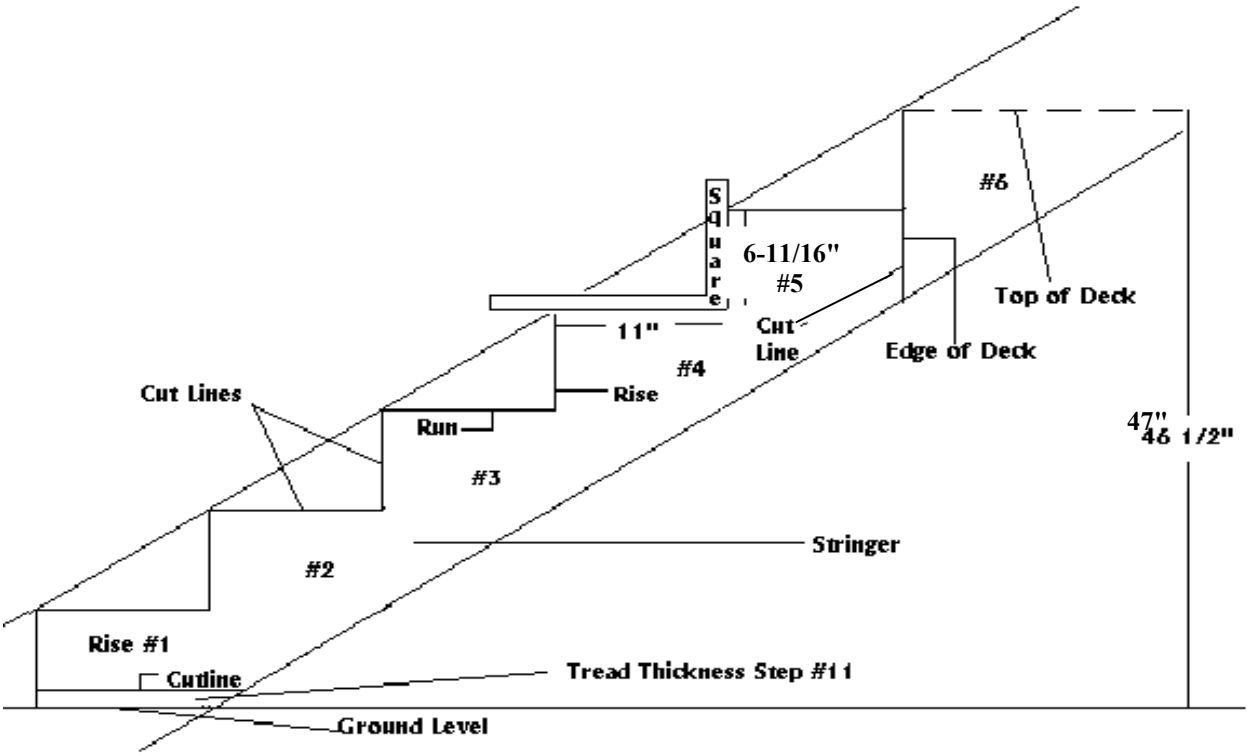
STAIR CONSTRUCTION

(Residential Only)

What you'll need:

- Stringer material (2 x 12 or larger)
- Carpenters or Framing Square
- Pencil
- The difference in height between the deck surface and where the stairs will land
- Saw
- Level
- Tape measure

1. First decide what your run will be. For decks 11" – 11 ½" is a good choice because 2 - 2 x 6's will fill that space nicely. (the example uses 11")
2. Divide your total height by 7.75 to find out how many rises you will have. (e.g. 47" ÷ 7.75 = 6.06 rises) Always round up your result so you don't exceed the 7.75" maximum rise rule. 6.06 = 7 rises. *For a less steep stair replace 7.75 with a whole number between 4 and 7.*
3. Divide your total height by the number of rises you need (e.g. 47" ÷ 7 =6.71" = 6 11/16") this is your riser height. *It's important to try to be precise with this measurement because a mistake of just 1/16 " will multiply itself with every step.*
4. Place your square on the stringer material so that the riser height and the run length on the outside edge of the square line up with the edge of the stringer, then trace the outside edge of square onto stringer.
5. Slide the square down the stringer until the rise measurement on the square meets the run line you traced onto the stringer. Trace the outside edge of square onto the stringer. (see diagram)



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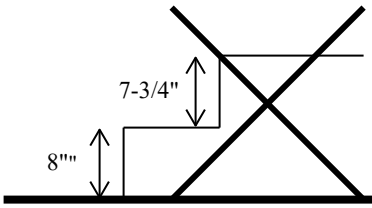
STAIR CONSTRUCTION (Cont.)

6. Repeat step 5 until you have enough steps traced onto the stringer.
7. Use your square as a straight edge to continue the ground level and edge of deck lines to the back of the stringer. (see diagram)
8. Cut only the ground level and edge of deck lines.
9. Put the stringer in place to make sure all the treads are level and the rises are correct. *Mark top and bottom so you don't put it in upside down.*
10. If everything is okay it's time to finish cutting the stringer. Measure perpendicular to the ground level line the thickness of your tread material. Draw a line parallel to the ground level line. This takes the treads into account and is your new cut line.
11. Complete the cutting of the stringer being careful not to cut too far past the rise and run lines. *A hand saw can be used to finish the cuts.*
12. Use the first stringer as a pattern to cut the rest. You should have one stringer approximately every 18". (Composite decking materials may require stringers less than 18" apart, see the manufacturers instructions)
13. Attach stringers to deck. There are a number of ways to do this; bolting, nailing or using skewed joist hangers are all acceptable but keep in mind the stairs must be able to support 100 lbs. per square foot and a concentrated load of 300 lbs.
14. The openings in the risers must be less than 4 inches, attach riser material then attach the treads. Your stairs are now complete.

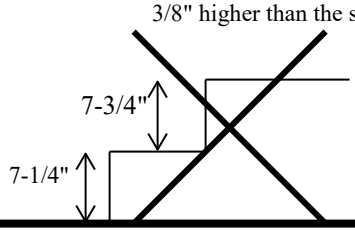
Building Code Stair Requirements

- 10" minimum run
- 4"minimum / 7-3/4" maximum rise
- The largest run, or rise, shall not exceed the smallest by more than 3/8 inch
- 36"minimum stair width

This stair design does not meet code; the first rise (8") exceeds the maximum allowed rise of 7-3/4 inches.



This stair design does not meet code; the greatest riser height (7-3/4") is more than 3/8" higher than the shortest (7-1/4")



For handrail & guardrail requirements see separate handout.

This handout is written as a guide to common questions and problems. It is not intended nor shall it be considered a complete set of requirements.