

DECKS

Residential Deck Information

When is a Building Permit Required?

A permit is required if EITHER of the following is true:

- Deck is greater than 30 inches above grade
- Deck serves as the main entry/exit to a structure

If NEITHER of these are true, no permit is required.

If ONLY electrical work is being done related to the deck, a miscellaneous county electrical permit is required.

Electrical work must comply with 2023 National Electrical Code requirements.

Note: Decks must meet setback, floodplain, and other requirements of the Larimer County Land Use Code, whether a permit is required. Please call Planning for more information at (970) 498-7679.

What Must be Submitted with a Building Permit Application?

- Residential Building Permit Application form.
- Two (2) full sets of plans drawn to scale (for example, 1/8", 3/16" or 1/4" = 1'), including plan view, cross sections, and elevations, showing all structural elements including footings, posts, beams, joists, ledger, and connections.
- Three (3) copies of site plans drawn to scale (see plot plan handout).



Graphic from Colorado Chapter of the International Code Council



Deck Details:

All lumber must be treated or naturally decay resistant.

Piers or pads are required to support a deck. If the deck is attached to the structure, footings must be minimum 30" below grade. Foundation plan must be stamped by a Colorado Registered Engineer if location or design warrants.

For attached decks: If deck surface is $\geq 10'$ above surrounding grade at any point, it must be x-braced.

For detached decks: If deck surface is $\geq 5'$ above surrounding grade at any point, it must be x-braced.

If deck exceeds 30" above grade, a guardrail is required, 36" in height minimum, with intermediate railings spaced such that a 4" sphere cannot fit through, including between bottom rail and deck.

If installing stairs, stair rise must be a minimum of 4" and a maximum of 7 $\frac{3}{4}$ ". Tread run must be a minimum of 10" with $\frac{3}{4}$ " to 1 $\frac{1}{4}$ " nosing. Elimination of nosing requires an 11" minimum run. Variation of rise or run over the entire stairs shall not exceed $\frac{3}{8}$ ". Openings between open risers shall not allow exceed 4."

If more than three risers are installed, a continuous, graspable stair handrail is required, 34" to 38" above the tread nosing, with ends returned to posts at top and bottom, with maximum 4 $\frac{3}{8}$ " spacing between rails.

See attached pages for deck details and allowed spans.

40psf Ground Snow Load (5,500ft or less Elevation)

MINIMUM FOOTING SIZE FOR DECKS

Tributary Area (ft ²)	1,500 Soil Bearing			2,000 Soil Bearing			≥ 3,000 Soil Bearing		
	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)
5	7"	8"	6"	7"	8"	6"	7"	8"	6"
20	10"	12"	6"	9"	9"	6"	7"	8"	6"
40	14"	16"	6"	12"	14"	6"	10"	12"	6"
60	17"	19"	6"	15"	17"	6"	12"	14"	6"
80	20"	22"	7"	17"	19"	6"	14"	16"	6"
100	22"	25"	8"	19"	21"	6"	15"	17"	6"
120	24"	27"	9"	21"	23"	7"	17"	19"	6"
140	26"	29"	10"	22"	25"	8"	18"	21"	6"
160	28"	31"	11"	24"	27"	9"	20"	22"	7"

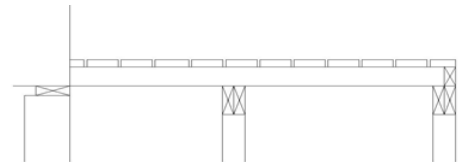
MAXIMUM DECK POST HEIGHT

Post Size	Tributary Area (ft ²)							
	20	40	60	80	100	120	140	160
	Maximum Deck Post Height (feet-inches)							
4 x 4	14' 0"	13' 6"	10' 10"	9' 3"	8' 0"	7' 0"	6' 2"	5' 3"
4 x 6	14' 0"	14' 0"	13' 10"	11' 10"	10' 6"	9' 5"	8' 7"	7' 10"
6 x 6	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
8 x 8	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

MAXIMUM DECK BEAM SPAN

Beam Size	Effective Deck Joist Span Length (feet)							
	6'	8'	10'	12'	14'	16'	18'	
	Maximum Deck Beam Span Length (feet-inches)							
1 – 2 x 6	4' 1"	3' 6"	3' 0"	2' 8"	2' 5"	2' 3"	2' 1"	
1 – 2 x 8	5' 6"	4' 8"	4' 0"	3' 6"	3' 2"	2' 11"	2' 9"	
1 – 2 x 10	6' 8"	5' 10"	5' 1"	4' 6"	4' 1"	3' 9"	3' 6"	
1 – 2 x 12	7' 9"	6' 9"	6' 0"	5' 6"	5' 0"	3' 9"	3' 6"	
2 – 2 x 6	6' 1"	5' 3"	4' 9"	4' 4"	3' 11"	3' 7"	3' 3"	
2 – 2 x 8	8' 2"	7' 1"	6' 4"	5' 9"	5' 2"	4' 8"	4' 4"	
2 – 2 x 10	10' 0"	8' 7"	7' 9"	7' 0"	6' 6"	6' 0"	5' 6"	
2 – 2 x 12	11' 7"	10' 0"	8' 11"	8' 2"	7' 7"	7' 1"	6' 8"	
3 – 2 x 6	7' 8"	6' 8"	6' 0"	5' 6"	5' 1"	4' 9"	4' 6"	
3 – 2 x 8	10' 3"	8' 10"	7' 11"	7' 3"	6' 8"	6' 3"	5' 11"	
3 – 2 x 10	12' 6"	10' 10"	9' 8"	8' 10"	8' 2"	7' 8"	7' 2"	
3 – 2 x 12	14' 6"	12' 7"	11' 3"	10' 3"	9' 6"	8' 11"	8' 5"	

- Use fillable form found on page 8.
- All calculations based on Hem-Fir #2. More span charts for other wood species can be found in section 507 of the 2021 IRC.
- Multi-span decks **require** engineering.



- Elevations greater than 8,000 ft **require** engineering.
- NP = Not Permitted

MAXIMUM DECK JOIST SPANS

Joist Size	Allowable Joist Span (feet-inches)			Maximum Cantilever (feet-inches)							
	Joist Spacing (inches)			Joist Back Span (feet)							
	12"	16"	24"	4'	6'	8'	10'	12'	14'	16'	18'
2 x 6	9' 6"	8' 4"	6' 10"	1' 0"	1' 6"	1' 4"	NP	NP	NP	NP	NP
2 x 8	12' 6"	11' 1"	9' 1"	1' 0"	1' 6"	2' 0"	2' 3"	2' 0"	NP	NP	NP
2 x 10	15' 8"	13' 7"	11' 1"	1' 0"	1' 6"	2' 0"	2' 6"	3' 0"	3' 3"	NP	NP
2 x 12	18' 0"	15' 9"	12' 10"	1' 0"	1' 6"	2' 0"	2' 6"	3' 0"	3' 6"	3' 11"	3' 11"

50psf Ground Snow Load (5,501ft – 6,500ft Elevation)

MINIMUM FOOTING SIZE FOR DECKS

Tributary Area (ft ²)	1,500 Soil Bearing			2,000 Soil Bearing			≥ 3,000 Soil Bearing		
	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)
5	7"	8"	6"	7"	8"	6"	7"	8"	6"
20	11"	13"	6"	10"	11"	6"	8"	9"	6"
40	15"	17"	6"	13"	15"	6"	11"	13"	6"
60	19"	21"	6"	16"	18"	6"	13"	15"	6"
80	21"	24"	8"	19"	21"	6"	15"	17"	6"
100	24"	27"	9"	21"	23"	7"	17"	19"	6"
120	26"	30"	10"	23"	26"	8"	19"	21"	6"
140	28"	32"	11"	25"	28"	9"	20"	23"	7"
160	30"	34"	12"	26"	30"	10"	21"	24"	8"

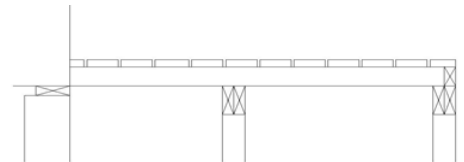
MAXIMUM DECK POST HEIGHT

Post Size	Tributary Area (ft ²)							
	20	40	60	80	100	120	140	160
	Maximum Deck Post Height (feet-inches)							
4 x 4	14' 0"	12' 1"	9' 8"	8' 2"	7' 1"	6' 2"	5' 3"	4' 2"
4 x 6	14' 0"	14' 0"	12' 4"	10' 7"	9' 4"	8' 4"	7' 7"	6' 11"
6 x 6	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	12' 10"
8 x 8	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

MAXIMUM DECK BEAM SPAN

Beam Size	Effective Deck Joist Span Length (feet)							
	6'	8'	10'	12'	14'	16'	18'	
	Maximum Deck Beam Span Length (feet-inches)							
1 – 2 x 6	4' 0"	3' 5"	2' 11"	2' 7"	2' 4"	2' 2"	2' 0"	
1 – 2 x 8	5' 4"	4' 7"	3' 11"	3' 5"	3' 1"	2' 10"	2' 8"	
1 – 2 x 10	6' 7"	5' 8"	4' 11"	4' 5"	4' 0"	3' 8"	3' 5"	
1 – 2 x 12	7' 7"	6' 7"	5' 11"	5' 4"	4' 10"	4' 6"	4' 2"	
2 – 2 x 6	6' 0"	5' 2"	4' 7"	4' 3"	3' 10"	3' 5"	3' 2"	
2 – 2 x 8	8' 0"	6' 11"	6' 2"	5' 8"	5' 0"	4' 7"	4' 2"	
2 – 2 x 10	9' 9"	8' 5"	7' 7"	6' 11"	6' 4"	5' 10"	5' 4"	
2 – 2 x 12	11' 4"	9' 10"	8' 9"	8' 0"	7' 5"	6' 11"	6' 6"	
3 – 2 x 6	7' 6"	6' 6"	5' 9"	5' 3"	4' 11"	4' 7"	4' 4"	
3 – 2 x 8	10' 0"	8' 8"	7' 9"	7' 1"	6' 6"	6' 1"	5' 8"	
3 – 2 x 10	12' 3"	10' 7"	9' 6"	8' 8"	8' 0"	7' 6"	7' 0"	
3 – 2 x 12	14' 3"	12' 4"	11' 0"	10' 1"	9' 4"	8' 9"	8' 3"	

- Use fillable form found on page 8.
- All calculations based on Hem-Fir #2. More span charts for other wood species can be found in section 507 of the 2021 IRC.
- Multi-span decks **require** engineering.



- Elevations greater than 8,000 ft **require** engineering.
- NP = Not Permitted

MAXIMUM DECK JOIST SPANS

Joist Size	Allowable Joist Span (feet-inches)			Maximum Cantilever (feet-inches)							
	Joist Spacing (inches)			Joist Back Span (feet)							
	12"	16"	24"	4'	6'	8'	10'	12'	14'	16'	18'
2 x 6	8' 10"	8' 0"	6' 8"	1' 0"	1' 6"	1' 4"	NP	NP	NP	NP	NP
2 x 8	11' 7"	10' 7"	8' 11"	1' 0"	1' 6"	2' 0"	2' 3"	NP	NP	NP	NP
2 x 10	14' 10"	13' 3"	10' 10"	1' 0"	1' 6"	2' 0"	2' 6"	3' 0"	3' 0"	NP	NP
2 x 12	17' 9"	15' 5"	12' 7"	1' 0"	1' 6"	2' 0"	2' 6"	3' 0"	3' 6"	3' 8"	NP

60psf Ground Snow Load (6,501ft – 7,000ft Elevation)

MINIMUM FOOTING SIZE FOR DECKS

Tributary Area (ft ²)	1,500 Soil Bearing			2,000 Soil Bearing			≥ 3,000 Soil Bearing		
	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)
5	7"	8"	6"	7"	8"	6"	7"	8"	6"
20	12"	14"	6"	11"	12"	6"	9"	10"	6"
40	16"	19"	6"	14"	16"	6"	12"	14"	6"
60	20"	23"	7"	17"	20"	6"	14"	16"	6"
80	23"	26"	9"	20"	23"	7"	16"	19"	6"
100	26"	29"	10"	22"	25"	8"	18"	21"	6"
120	28"	32"	11"	25"	28"	9"	20"	23"	7"
140	31"	35"	12"	27"	30"	10"	22"	24"	8"
160	33"	37"	13"	28"	32"	11"	23"	26"	9"

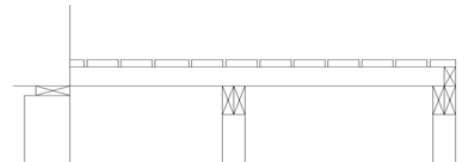
MAXIMUM DECK POST HEIGHT

Post Size	Tributary Area (ft ²)							
	20	40	60	80	100	120	140	160
	Maximum Deck Post Height (feet-inches)							
4 x 4	14' 0"	10' 11"	8' 8"	7' 3"	6' 2"	5' 0"	3' 7"	NP
4 x 6	14' 0"	13' 11"	11' 2"	9' 7"	8' 4"	7' 5"	6' 8"	5' 11"
6 x 6	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	12' 2"	10' 2"
8 x 8	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

MAXIMUM DECK BEAM SPAN

Beam Size	Effective Deck Joist Span Length (feet)							
	6'	8'	10'	12'	14'	16'	18'	
	Maximum Deck Beam Span Length (feet-inches)							
1 – 2 x 6	3' 8"	3' 1"	2' 8"	2' 4"	2' 2"	2' 0"	1' 10"	
1 – 2 x 8	5' 0"	4' 1"	3' 6"	3' 1"	2' 10"	2' 7"	2' 5"	
1 – 2 x 10	6' 1"	5' 2"	4' 6"	4' 0"	3' 7"	3' 4"	3' 2"	
1 – 2 x 12	7' 1"	6' 1"	5' 5"	4' 10"	4' 5"	4' 1"	3' 10"	
2 – 2 x 6	5' 6"	4' 9"	4' 3"	3' 10"	3' 5"	3' 1"	2' 10"	
2 – 2 x 8	7' 5"	6' 5"	5' 9"	5' 0"	4' 6"	4' 1"	3' 9"	
2 – 2 x 10	9' 0"	7' 10"	7' 0"	6' 4"	5' 9"	5' 2"	4' 10"	
2 – 2 x 12	10' 6"	9' 1"	8' 1"	7' 5"	6' 10"	6' 4"	5' 10"	
3 – 2 x 6	6' 11"	6' 0"	5' 4"	4' 11"	4' 6"	4' 2"	3' 10"	
3 – 2 x 8	9' 3"	8' 0"	7' 2"	6' 6"	6' 1"	5' 6"	5' 0"	
3 – 2 x 10	11' 4"	9' 10"	8' 9"	8' 0"	7' 5"	6' 11"	6' 5"	
3 – 2 x 12	13' 2"	11' 5"	10' 2"	9' 4"	8' 7"	8' 1"	7' 7"	

- Use fillable form found on page 8.
- All calculations based on Hem-Fir #2. More span charts for other wood species can be found in section 507 of the 2021 IRC.
- Multi-span decks **require** engineering.



- Elevations greater than 8,000 ft **require** engineering.
- NP = Not Permitted

MAXIMUM DECK JOIST SPANS

Joist Size	Allowable Joist Span (feet-inches)			Maximum Cantilever (feet-inches)							
	Joist Spacing (inches)			Joist Back Span (feet)							
	12"	16"	24"	4'	6'	8'	10'	12'	14'	16'	18'
2 x 6	8' 4"	7' 6"	6' 2"	1' 0"	1' 6"	1' 4"	NP	NP	NP	NP	NP
2 x 8	10' 11"	9' 11"	8' 3"	1' 0"	1' 6"	2' 0"	2' 2"	NP	NP	NP	NP
2 x 10	13' 11"	12' 4"	10' 0"	1' 0"	1' 6"	2' 0"	2' 6"	2' 10"	NP	NP	NP
2 x 12	16' 6"	14' 3"	11' 8"	1' 0"	1' 6"	2' 0"	2' 6"	3' 0"	3' 5"	3' 5"	NP

70psf Ground Snow Load (7,001ft – 8,000ft Elevation)

MINIMUM FOOTING SIZE FOR DECKS

Tributary Area (ft ²)	1,500 Soil Bearing			2,000 Soil Bearing			≥ 3,000 Soil Bearing		
	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)	Side of Square Footing (in)	Diameter of a round footing (in)	Thickness (in)
5	7"	8"	6"	7"	8"	6"	7"	8"	6"
20	12"	14"	6"	11"	13"	6"	9"	10"	6"
40	18"	20"	6"	15"	17"	6"	12"	14"	6"
60	21"	24"	8"	19"	21"	6"	15"	17"	6"
80	25"	28"	9"	21"	24"	8"	18"	20"	6"
100	28"	31"	11"	24"	27"	9"	20"	22"	7"
120	30"	34"	12"	26"	30"	10"	21"	24"	8"
140	33"	37"	13"	28"	32"	11"	23"	26"	9"
160	35"	40"	15"	30"	34"	12"	25"	28"	9"

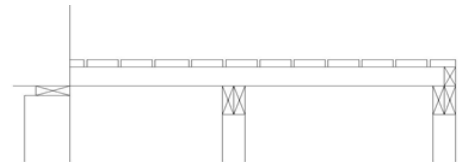
MAXIMUM DECK POST HEIGHT

Post Size	Tributary Area (ft ²)							
	20	40	60	80	100	120	140	160
	Maximum Deck Post Height (feet-inches)							
4 x 4	14' 0"	10' 1"	7' 11"	6' 6"	5' 3"	3' 7"	NP	NP
4 x 6	14' 0"	12' 10"	10' 3"	8' 9"	7' 7"	6' 8"	5' 10"	4' 11"
6 x 6	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	12' 2"	9' 9"	5' 9"
8 x 8	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

MAXIMUM DECK BEAM SPAN

Beam Size	Effective Deck Joist Span Length (feet)							
	6'	8'	10'	12'	14'	16'	18'	
	Maximum Deck Beam Span Length (feet-inches)							
1 – 2 x 6	3' 5"	2' 10"	2' 5"	2' 2"	2' 0"	1' 10"	1' 9"	
1 – 2 x 8	4' 7"	3' 8"	3' 2"	2' 10"	2' 7"	2' 5"	2' 4"	
1 – 2 x 10	5' 8"	4' 9"	4' 1"	3' 8"	3' 4"	3' 1"	2' 11"	
1 – 2 x 12	6' 7"	5' 8"	5' 0"	4' 6"	4' 1"	3' 10"	3' 7"	
2 – 2 x 6	5' 2"	4' 6"	4' 0"	3' 5"	3' 1"	2' 10"	2' 7"	
2 – 2 x 8	6' 11"	6' 0"	5' 3"	4' 7"	4' 1"	3' 8"	3' 5"	
2 – 2 x 10	8' 5"	7' 4"	6' 6"	5' 10"	5' 2"	4' 9"	4' 5"	
2 – 2 x 12	9' 10"	8' 6"	7' 7"	6' 11"	6' 4"	5' 9"	5' 4"	
3 – 2 x 6	6' 6"	5' 7"	5' 0"	4' 7"	4' 2"	3' 9"	3' 5"	
3 – 2 x 8	8' 8"	7' 6"	6' 8"	6' 1"	5' 6"	5' 0"	4' 7"	
3 – 2 x 10	10' 7"	9' 2"	8' 2"	7' 6"	6' 11"	6' 4"	5' 10"	
3 – 2 x 12	12' 4"	10' 8"	9' 7"	8' 9"	8' 1"	7' 7"	7' 1"	

- Use fillable form found on page 8.
- All calculations based on Hem-Fir #2. More span charts for other wood species can be found in section 507 of the 2021 IRC.
- Multi-span decks **require** engineering.

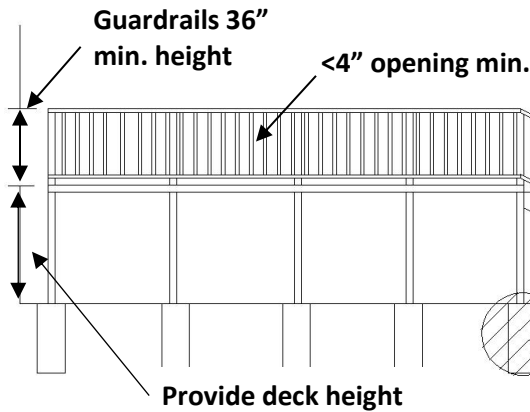


- Elevations greater than 8,000 ft **require** engineering.
- NP = Not Permitted

MAXIMUM DECK JOIST SPANS

Joist Size	Allowable Joist Span (feet-inches)			Maximum Cantilever (feet-inches)							
	Joist Spacing (inches)			Joist Back Span (feet)							
	12"	16"	24"	4'	6'	8'	10'	12'	14'	16'	18'
2 x 6	7' 11"	7' 1"	5' 9"	1' 0"	1' 6"	NP	NP	NP	NP	NP	NP
2 x 8	10' 5"	9' 5"	7' 8"	1' 0"	1' 6"	2' 0"	2' 1"	NP	NP	NP	NP
2 x 10	13' 3"	11' 6"	9' 5"	1' 0"	1' 6"	2' 0"	2' 6"	2' 8"	NP	NP	NP
2 x 12	15' 5"	13' 4"	10' 11"	1' 0"	1' 6"	2' 0"	2' 6"	3' 0"	3' 3"	NP	NP

ELEVATION DETAIL

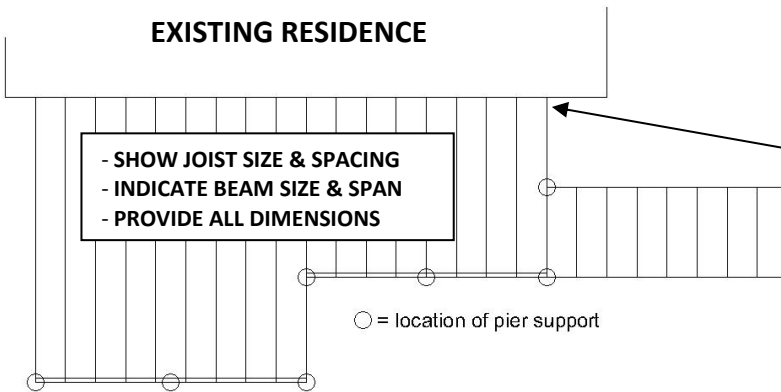


See attached tables for prescriptive footing sizes. Justification of design professional required if assuming greater than **1500 PSF** load bearing value of soil on front range or **3000 PSF** wildfire hazard area (foothills and mountains).

Frost depth required is 30" min. below grade unless solid rock is encountered.

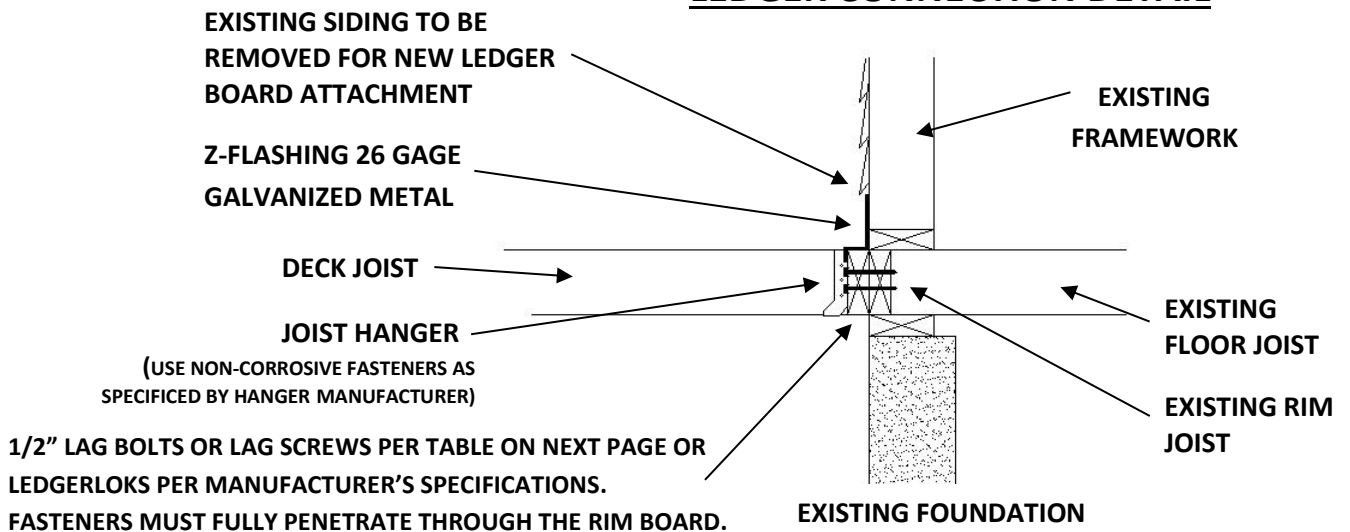
If rock is encountered within 30", a #4 rebar 12" long shall be doweled 6" into rock and epoxied (or per engineered plans).

SAMPLE PLAN VIEW



Posts must be treated if within 8" of grade or within 1" of concrete pier.

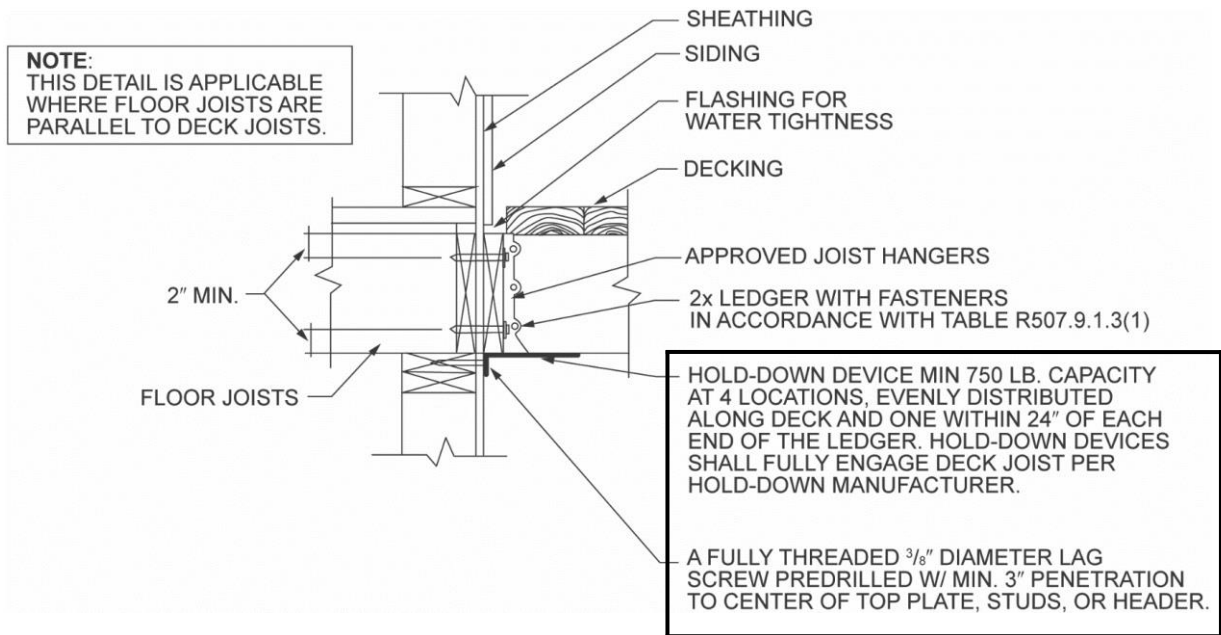
LEDGER CONNECTION DETAIL



DECK LEDGER CONNECTION TO BAND JOIST

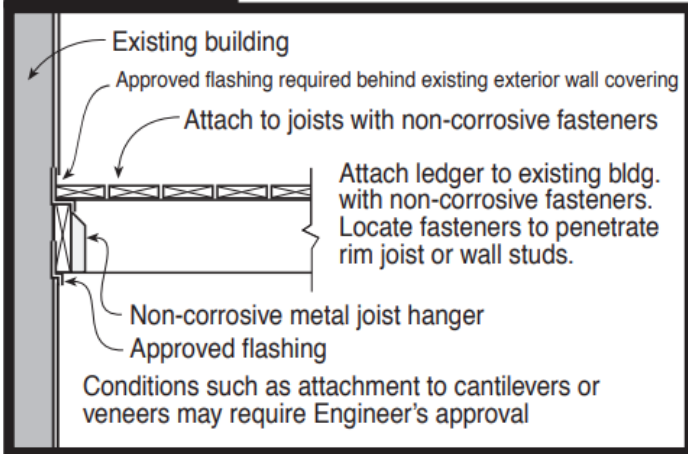
LOAD (psf)	Joist Span (feet)	On-Center Spacing of Fasteners (inches)		
		½-in diameter lag screw w/ ½-in maximum sheathing	½-in diameter bolt w/ ½-in maximum sheathing	½ in diameter bolt w/ 1-in maximum sheathing
40	6'	30"	36"	36"
	8'	23"	36"	36"
	10'	18"	34"	29"
	12'	15"	29"	24"
	14'	13"	24"	21"
	16'	11"	21"	18"
	18'	10"	19"	16"
50	6'	29"	36"	36"
	8'	22"	36"	35"
	10'	17"	33"	28"
	12'	14"	27"	23"
	14'	12"	23"	20"
	16'	11"	20"	17"
	18'	9"	18"	15"
60	6'	25"	36"	36"
	8'	18"	35"	30"
	10'	15"	28"	24"
	12'	12"	23"	20"
	14'	10"	20"	17"
	16'	9"	17"	15"
	18'	8"	15"	13"
70	6'	22"	36"	35"
	8'	16"	31"	26"
	10'	13"	25"	21"
	12'	11"	20"	17"
	14'	9"	17"	15"
	16'	8"	15"	13"
	18'	7"	13"	11"

DECK ATTACHMENT FOR LATERAL LOADS PER 2021 IRC FIGURE R507.9.2(2)

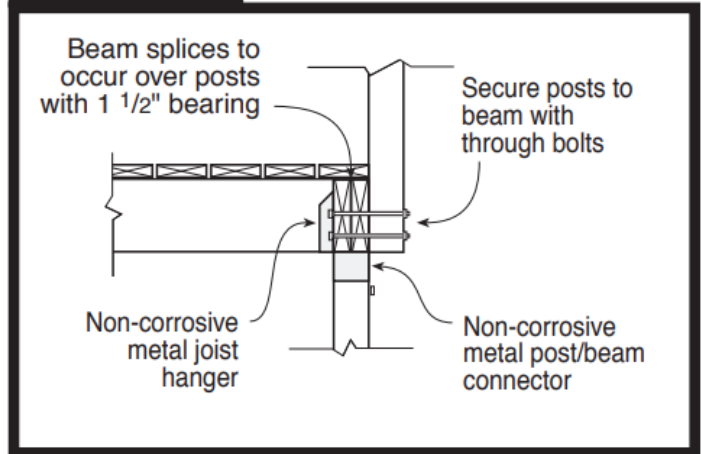


Single Family Residential Uncovered Decks and Porches

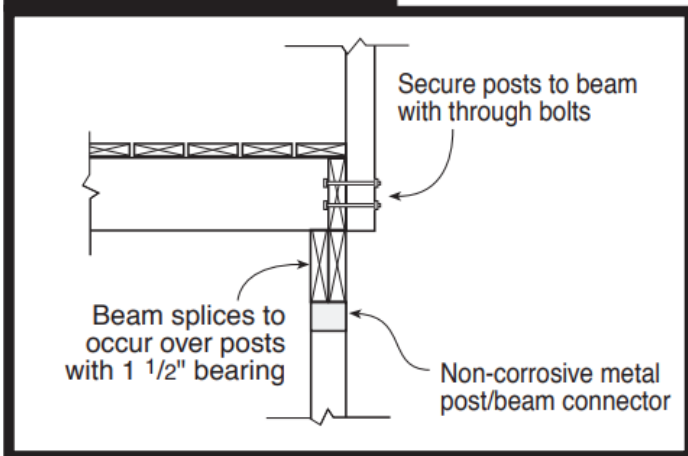
Detail A



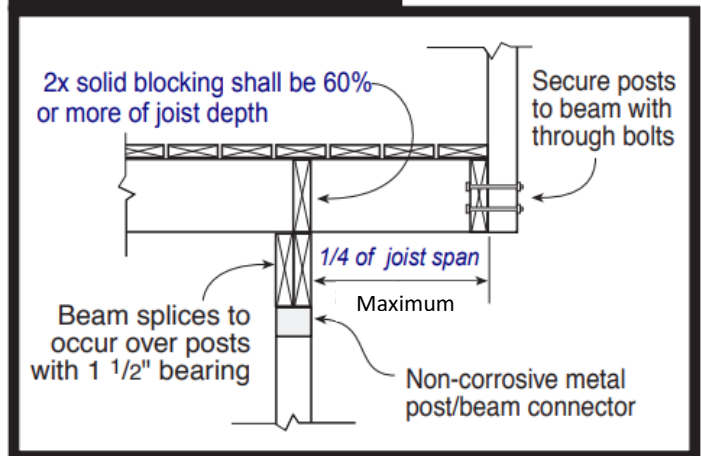
Detail B



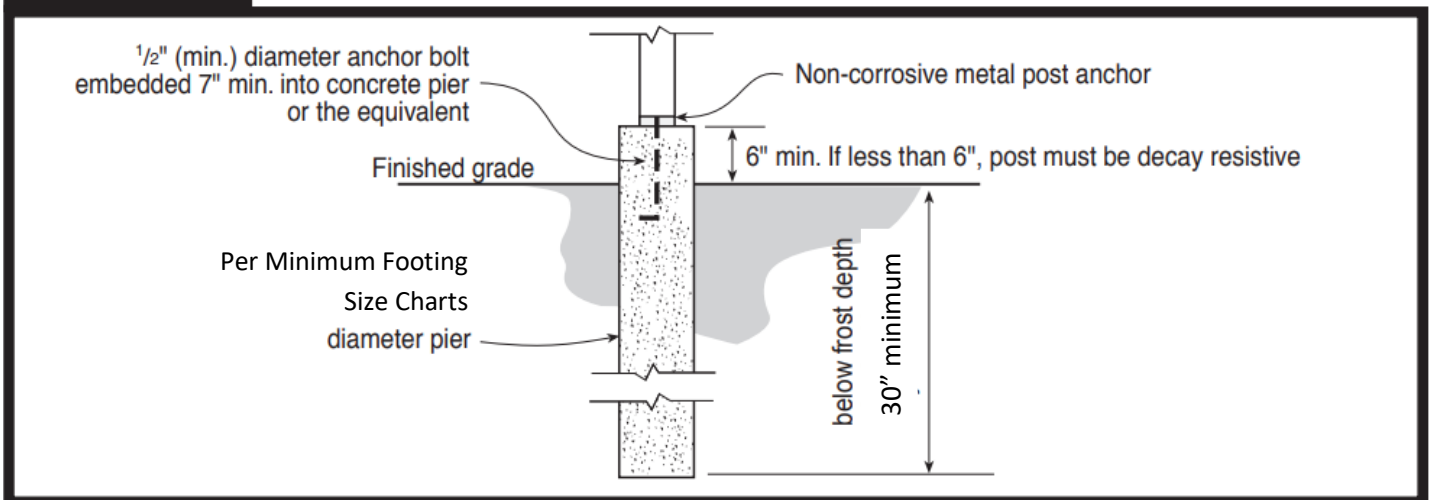
Alternate Detail B1



Alternate Detail B2

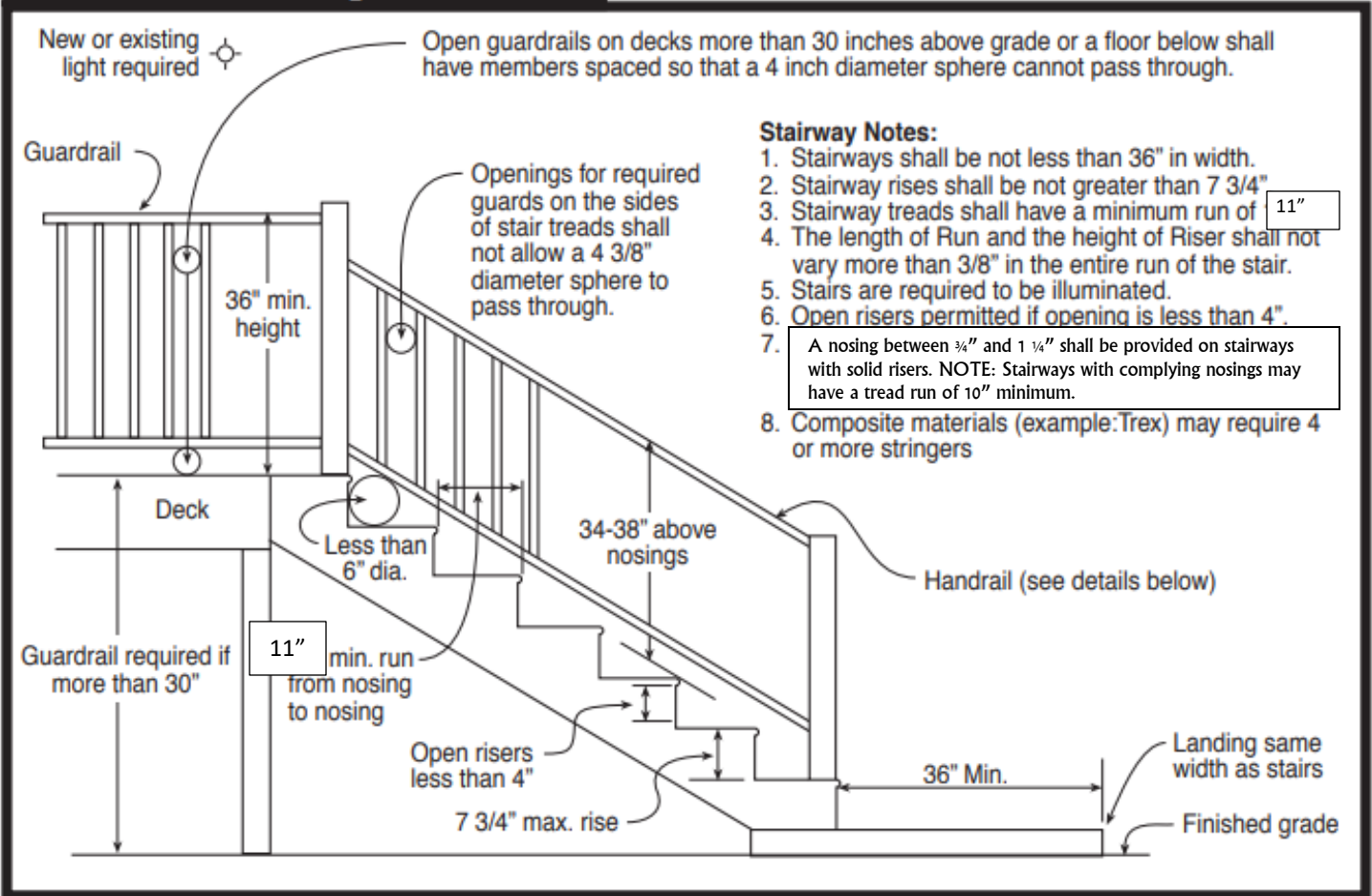


Detail C



Single Family Residential Uncovered Decks and Porches

Stair & Handrail Specifications



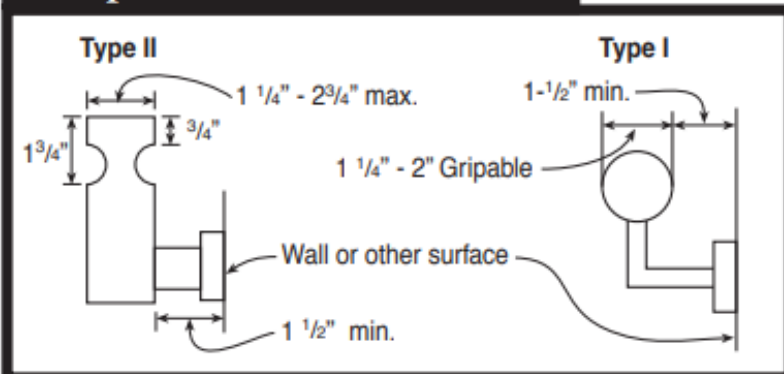
Stairway Notes:

1. Stairways shall be not less than 36" in width.
2. Stairway rises shall be not greater than 7 3/4"
3. Stairway treads shall have a minimum run of 11"
4. The length of Run and the height of Riser shall not vary more than 3/8" in the entire run of the stair.
5. Stairs are required to be illuminated.
6. Open risers permitted if opening is less than 4".
7. A nosing between 3/4" and 1 1/4" shall be provided on stairways with solid risers. NOTE: Stairways with complying nosings may have a tread run of 10" minimum.
8. Composite materials (example: Trex) may require 4 or more stringers

Handrail Notes:

1. Handrails shall be continuous on at least one side of stairs with 4 or more risers.
2. Top of the handrails shall be placed not less than 34 inches nor more than 38 inches above stair nosings.
3. The handgrip portion of handrails shall be not less than 1-1/4 inches nor more than 2 1/4 inches in cross section for non circular handrails
4. Handrails shall be placed not less than 1-1/2 inches from any wall or other surface.
5. Handrails to be returned to wall, post or safety terminal (per 311.7.8.4 IRC)

Acceptable Handrail Details



Unacceptable Handrails

