

DECK INFORMATION REQUIRED FROM APPLICANT

- 1. Survey Map of Property** indicating location of deck on site.
- 2. Sketch of Deck** indicating where posts are to be placed (post holes 42 inches minimum below finished grade), and labeling of framing members
- 3. Material list.**

Cost of Permit is .05 cents a square foot (minimum of \$50.00) plus a \$30.00 inspection fee.

Please note:

Handrails are required on any deck 30 inches or higher. Handrails are also required on stairs with four or more risers

Footing depths are to be inspected before placing the posts. A final inspection is also required – 24 hour notice required for inspections. Please call us at 872-7036.

225-38. Decks (Added 6-17-93)

Notwithstanding the applicable rear setback requirements, there shall be permitted in a rear yard in any residential district a deck which shall be allowed to encroach into the rear setback a distance equal to twenty percent (20%) of the required rear setback as set forth in the district in which the property is located. Such encroachment will not be permitted into a buffer or district buffer area.

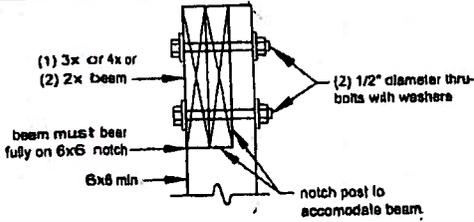
225-47 of the Town of Webster Codes says in part:

“any deck or platform erected in connect therewith, more than one foot above grade level, may be erected in a side or rear yard not closer than 15 feet to any lot line.”

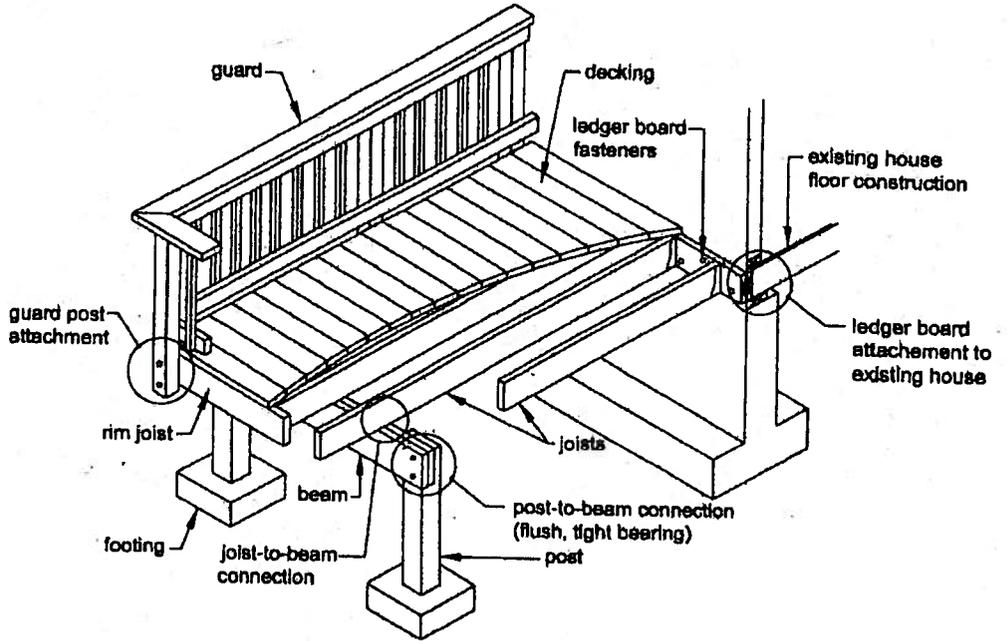
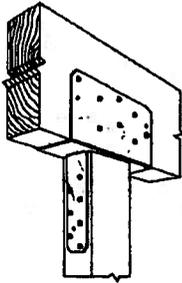
Based on this, we have determined that anything less than one foot above grade is not a deck and therefore does not require a permit.

RESIDENTIAL DECK CONSTRUCTION GUIDE

Post-to-Beam Attachment Requirements



Alternate Approved Post-to-Beam Column Cap Attachment



Headers shall be attached to support posts with a minimum of 2) $\frac{1}{2}$ " diameter lag bolts or lag screws.

Where deck is supported by attachment to exterior wall of a primary structure, such attachment shall not be accomplished by the use of toenails or nails subject to easy withdrawal.

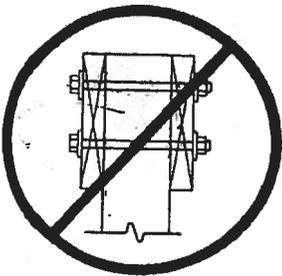
Posts / footings must be at least 42" below finished grade.

Railings must be a minimum of 36" above the deck surface. Balusters must be spaced so that a 4" sphere can't pass through the opening and railing to stair stringer spaces can't allow the passage of a 6" sphere.

Steps containing 4 or more risers must have a handrail on at least one side. Handrail height above the front of the tread must be not less than 34" nor more than 38".

* If deck serves an above ground swimming pool certain dimensions given above may no longer apply.

Prohibited Post-to-Beam Attachment Condition



Maximum Joist Spans¹

Species	Size	Joist Spacing (o.c.)		
		12"	16"	24"
Southern Pine	2x8	10' - 6"	10' - 6"	10' - 2"
	2x10	15' - 2"	15' - 2"	13' - 1"
	2x12	18' - 0"	18' - 0"	15' - 5"
Douglas Fir-Larch, Hem-Fir, SPF ²	2x8	9' - 3"	9' - 3"	9' - 1"
	2x10	13' - 4"	13' - 4"	11' - 1"
Redwood, Western Cedars	2x8	8' - 4"	8' - 4"	8' - 4"
	2x10	12' - 0"	12' - 0"	11' - 3"
2x12	16' - 1"	16' - 0"	13' - 0"	

Deck Beam Spans¹

Species	Size	Joist Spans (ft) Less Than or Equal to:						
		6	8	10	12	14	16	18
Southern Pine	2-2x6	7' - 1"	6' - 2"	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 1"
	2-2x8	9' - 2"	7' - 11"	7' - 1"	6' - 6"	6' - 0"	5' - 7"	5' - 3"
	2-2x10	11' - 10"	10' - 3"	9' - 2"	8' - 5"	7' - 9"	7' - 3"	6' - 10"
	2-2x12	13' - 11"	12' - 0"	10' - 9"	9' - 10"	9' - 1"	8' - 6"	8' - 0"
	3-2x6	8' - 7"	7' - 8"	6' - 11"	6' - 3"	5' - 10"	5' - 5"	5' - 2"
	3-2x8	11' - 4"	9' - 11"	8' - 11"	8' - 1"	7' - 6"	7' - 0"	6' - 7"
	3-2x10	14' - 5"	12' - 10"	11' - 6"	10' - 6"	9' - 9"	9' - 1"	8' - 7"
	3-2x12	17' - 5"	15' - 1"	13' - 6"	12' - 4"	11' - 5"	10' - 8"	10' - 1"
	3x6 or 2-2x6	5' - 8"	4' - 11"	4' - 4"	4' - 0"	3' - 8"	3' - 5"	3' - 0"
	3x8 or 2-2x8	7' - 2"	6' - 2"	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"
Douglas Fir-Larch ¹ , Hem-Fir ¹ , SPF ² , Redwood, Western Cedars	3x10 or 2-2x10	8' - 9"	7' - 7"	6' - 9"	6' - 2"	5' - 8"	5' - 4"	5' - 0"
	3x12 or 2-2x12	10' - 1"	8' - 9"	7' - 10"	7' - 2"	6' - 7"	6' - 2"	5' - 10"
	4x6	6' - 8"	5' - 9"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"
	4x8	8' - 9"	7' - 7"	6' - 10"	6' - 3"	5' - 9"	5' - 5"	5' - 1"
	4x10	10' - 9"	9' - 4"	8' - 4"	7' - 7"	7' - 1"	6' - 7"	6' - 3"
	4x12	12' - 6"	10' - 10"	9' - 8"	8' - 10"	8' - 2"	7' - 8"	7' - 3"
	3-2x6	7' - 4"	6' - 8"	6' - 2"	5' - 9"	5' - 4"	5' - 0"	4' - 8"
	3-2x8	9' - 8"	8' - 9"	7' - 11"	7' - 3"	6' - 9"	6' - 3"	5' - 11"
	3-2x10	12' - 4"	10' - 10"	9' - 8"	8' - 10"	8' - 2"	7' - 8"	7' - 3"
	3-2x12	14' - 6"	12' - 7"	11' - 3"	10' - 3"	9' - 6"	8' - 11"	8' - 5"

1. Assumes 40 psf live load, 10 psf dead load, L/180 cantilever deflection with 230 lb point load, No. 2 grade, and wet service conditions. See span calculator at www.awc.org for simple span conditions without cantilevers.

2. Incising factor used for refractory species including Douglas fir-larch, hem-fir, and spruce-pine-fir.

1. Assumes 40 psf live load, 10 psf dead load, L/360 simple span beam deflection limit, L/180 cantilever deflection limit, No. 2 grade, and wet service conditions.

2. Incising factor used for refractory species including Douglas fir-larch, hem-fir, and spruce-pine-fir.