



# DECK CONSTRUCTION CHECKLIST

This form must accompany your permit application and be filled out in full including the second page.

Property Address: \_\_\_\_\_

Deck Dimensions: \_\_\_\_\_

**Foundation:** Decks 5'10" or over from grade to top of decking require a deep foundation, no pads allowed

Pads     Piles     Piers     Screw Piles     Ground Hogs

**Postings:**

- Less than 8 ft on centre
- Greater than 8 ft on centre (As approved by the Building Inspector)
- 3 ply 2x10 – 11'0" or less (As approved by the Building Inspector)
- 4 ply 2x10 – 13'0" or less (As approved by the Building Inspector)

**Joist Projection on Beam:**

2x8 joists – 16 inch projection

2x10 joists – 24 inch projection

} Engineered drawings required for projections exceeding these limits

**Beam Projection Beyond Post:**

Less than 24 inches     Greater than 24 inches (Engineered drawings required)

**Guardrail Height:**

- Top of deck is between 2 ft and 6 ft above grade – 36 inches minimum
- Top of deck is over 6 ft above grade – 42 inches minimum

**NOTE:** If there is a built-in bench, the height is measured from the top of the seat to the top of the rail. Baluster must not be climbable and must have less than 4 inches between them.

**Beam Sizing:**

**NOTE:** Beams on posts over 8 ft apart require engineered drawings. All beams must rest on top of the posting.

	Max. Supported Joist Length	Min. Beam Size Required
<input type="checkbox"/>	6 ft	3 ply 2x6 or 2 ply 2x8
<input type="checkbox"/>	8 ft	4 ply 2x6 or 2 ply 2x8
<input type="checkbox"/>	10 ft	3 ply 2x8 or 2 ply 2x10
<input type="checkbox"/>	Other: _____	_____

**Joist Sizing:**

**Maximum Span**

Joist Size	Joist Spacing on Centre			
		12"	16"	24"
2x8		13'2" <input type="checkbox"/>	12'0" <input type="checkbox"/>	10'2" <input type="checkbox"/>
2x10		16'10" <input type="checkbox"/>	15'2" <input type="checkbox"/>	12'5" <input type="checkbox"/>

Joist hangers MUST be secured with joist hanger nails or lag screws designed specifically for joist hangers.

# Please fill out the chart below

