



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 (Engineered Drawings Required)

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

