



TOWNSHIP OF BRUCE

Building Department

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WOOD DECK CONSTRUCTION INFORMATION

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Building Permit Application Requirements:

- a. two (2) sets of construction plans (see example)
- b. site plan indicating size, shape and distances from property lines, existing buildings and easements (see example)
- c. building permit application

Fees: *Minimum building permit fee--\$65.00*

Decks- \$0.12 square foot

Financial guarantees (bonds)-

<u>Estimated Cost of Construction</u>	<u>Amount</u>
\$1,000 to 1,999	\$ 50.00
2,000 to 4,999	100.00
5,000 to 9,999	200.00
10,000 to 49,999	300.00
50,000 plus	300.00 plus \$5.00 per \$1,000 over \$50,000

General Construction Information:

Foundation: posts to be set a minimum of 42" below grade

Framing Material: all material in contact with the ground is to be .40 pressure treated and labeled "ground contact acceptable".

Framing Fasteners: all nails, bolts, brackets and fasteners shall be of zinc, zinc coated, or other approved corrosion-resistive fasteners.

Framing Requirements:

- a. posts - minimum size 4" x 4"
- b. beams -

<u>quantity</u>	<u>size</u>	<u>span</u>	
2	2" x 6"	4'6"	(Maximum clear
2	2" x 8"	6'6"	span based on
3	2" x 6"	6'6"	10' span each
2	2" x 10"	8'6"	side of beams.
3	2" x 8"	8'6"	40 lbs. live
2	2" x 12"	10'	load)
3	2" x 10"	10'	

<u>size</u>	<u>maximum clear span</u>	
	<u>16" on center</u>	<u>24" on center</u>
2" x 6"	9'6"	7'9"
2" x 8"	12'7"	10'2"
2" x 10"	16'	13'

Handrails and Guardrails: Handrails are required on both sides of stairs with 3 or more risers. Hand rails are required on both sides of stairs with a width of 44" or more. Handrails are to be not less than 34" or more than 38" measured vertical from the nosing of treads. Guardrails are to be a minimum of 36" above finished floor with intermediate rails or ornamental closures with a maximum of 4" between. A guard rail is required when height is 30" or more from grade.