

Acceptable Spans for Deck Beams and Joists (use Diagrams 2 & 3 as a guide)

Beam (J) sizes and options:

Wood Beam Size	Supported Joist Length of Wood Joists				
	8' - 0"	10' - 0"	12' - 0"	14' - 0"	16' - 0"
Maximum Span of Wood Beam Between Columns (Z)					
3 - 2" x 8"	10' - 0"	9' - 4"	8' - 7"	7' - 11"	7' - 5"
4 - 2" x 8"	11' - 0"	10' - 3"	9' - 8"	9' - 2"	8' - 7"
3 - 2" x 10"	12' - 10"	11' - 6"	10' - 6"	9' - 8"	9' - 1"
4 - 2" x 10"	14' - 1"	13' - 1"	12' - 1"	11' - 2"	10' - 6"
3 - 2" x 12"	14' - 11"	13' - 4"	12' - 2"	11' - 3"	10' - 6"
4 - 2" x 12"	17' - 2"	15' - 4"	14' - 0"	13' - 0"	12' - 2"

Joist (W) sizes and options:

Lumber Size	Spacing of Joists (W) (on center)	Span (F)	Spacing of joists (W) (on center)	Span (F)
2" x 6"	16"	9' - 8"	12"	10' - 8"
2" x 8"	16"	12' - 9"	12"	13' - 6"
2" x 10"	16"	15' - 7"	12"	16' - 1"
2" x 12"	16"	17' - 10"	12"	18' - 11"

Footing (H) options:

A deck may be supported with a 24" x 24" column pad and a minimum 10" sono tube. You may also use a "big foot" footing tube, hence no need for the column pad.

- Notes:**
1. Supported joist length is half the sum of joist spans on both sides of the beam.
 2. Lumber used for joists, trusses, rafters and beams shall be identified by a grade stamp to indicate its grade as determined by the Standards Grading Rules for Canadian Lumber.

Frequently Asked Questions:

What do I need to apply for a permit?

- completed permit application form
- 1 copy of the complete plans, showing all structural components.
- 1 copy of a site plan showing the proposed location of the project in relation to any other buildings on the property, the property lines, and water courses.
- All applicable permit fees.

How much will my permit cost?

Please refer to the Municipal User Fees Policy on our website: AnnapolisCounty.ca

Are inspections required for my deck?

Yes, once the permit is issued, you or your agent are required to call for the following inspections: footing, framing and final inspection.

Do I need footings for my deck?

Yes, you require footings for a deck if it is attached to your house. You may also require footings for a deck if it is detached and more than 2' above grade.

Where do I go to make an application?

Please contact the Planning & Inspection Services Department to obtain the application & site plan or to request these documents be sent to you electronically.

How do I request an inspection?

Please contact the Planning & Inspection Services Department at (902) 532-3101 to request an inspection. Inspections should be requested at least 48 hours in advance.

Deck Construction



COUNTY of ANNAPOLIS
NATURALLY ROOTED

Planning & Inspection Services

P.O. Box 100

752 St. George Street

Annapolis Royal NS B0S 1A0

Phone: (902)532-3101

Fax: (902) 532-2096

Planning@annapoliscounty.ca

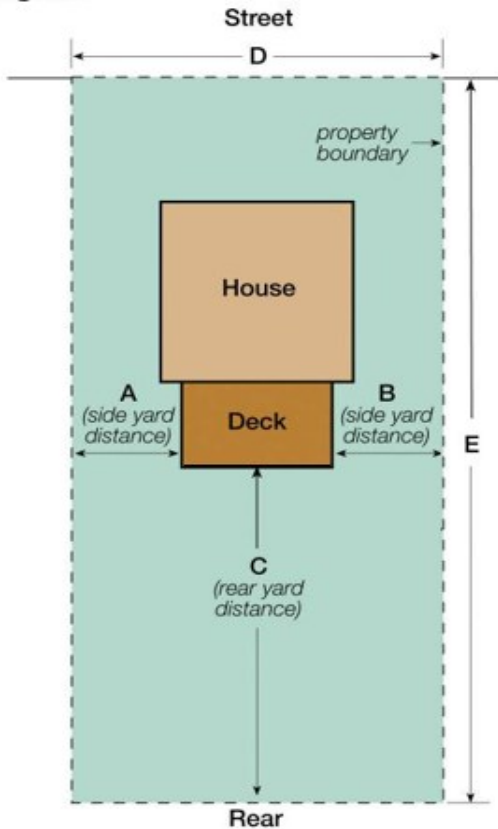
AnnapolisCounty.ca

Residents constructing a deck on their property in the County of Annapolis are required to obtain a permit. To obtain a permit, details of the location of the deck must be identified.

Sample Site Plan

Indicate distances to the property lines from the proposed deck on the drawing below.

Diagram 1



Sample Construction Plan

Indicate the construction details outlined in the plan and elevation below:

Diagram 2

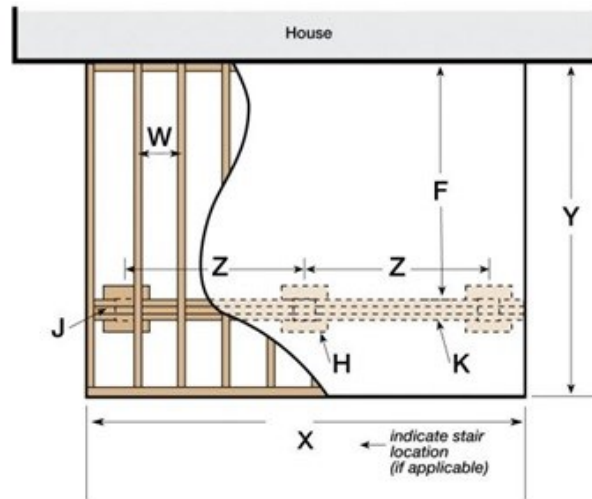
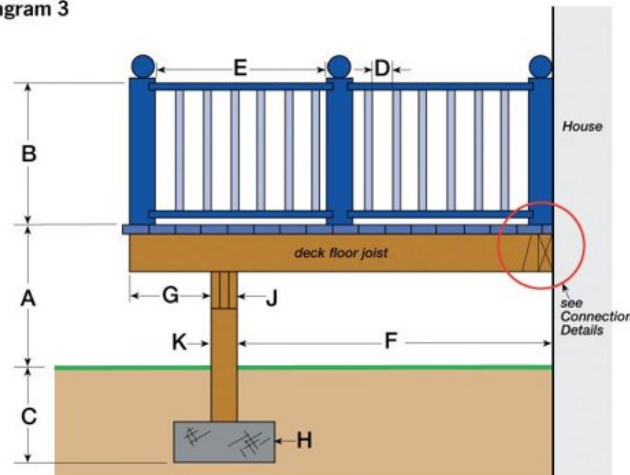


Diagram 3



Sample Construction Plan

Please provide the following dimensional information (use diagrams 2 and 3 for reference)

Please Refer to Diagrams 2 and 3:	
A	Height of deck above finished ground level
B	Height of deck guard
C	Footing depth below grade for frost protection
D	Openings in the guard
E	Distance between posts
F	Span of floor joist
G	Cantilever (if applicable)
H	Column footing size - width and thickness
J	Beam size - table other side
K	Wood column supporting wood beam
W	Joist size and spacing
X	Deck width
Y	Deck length
Z	Distance between support columns

Connection Details

