

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" | 8' - 10" | 12" | 9' - 11" |
| 2" x 8" | 16" | 11' - 4" | 12" | 11' - 6" |
| 2" x 10" | 16" | 12' - 11" | 12" | 13' - 8" |
| 2" x 12" | 16" | 14' - 6" | 12" | 15' - 7" |

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



Planning & Inspection Services

P.O. Box 100

752 St. George Street

Annapolis Royal NS B0S 1A0

Phone: (902)532-3101

Fax: (902) 532-2096

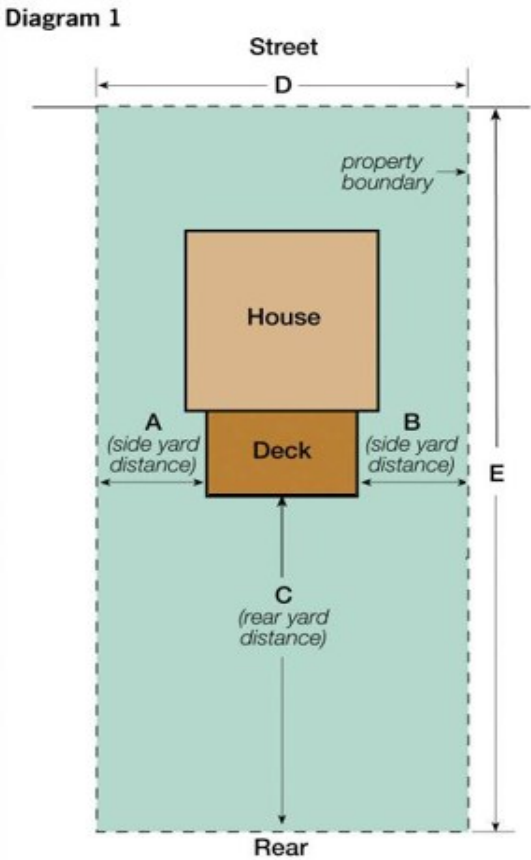
Planning@annapoliscountry.ca

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.

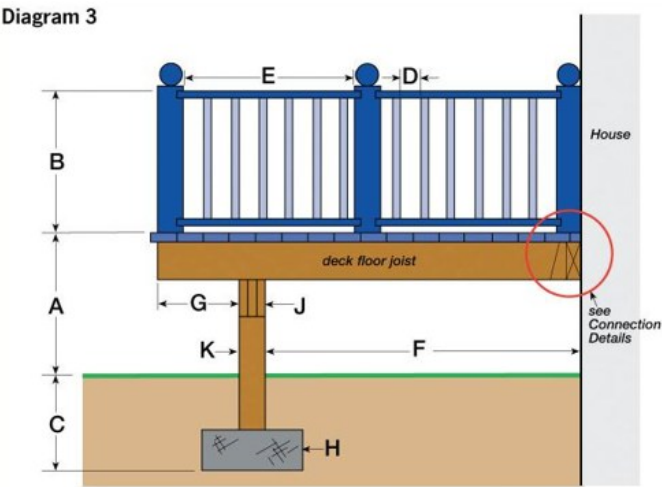
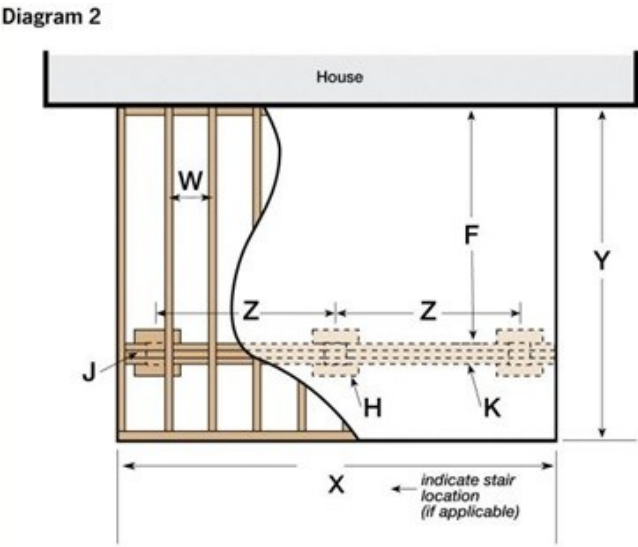
Sample Site Plan

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



Sample Construction Plan

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



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

