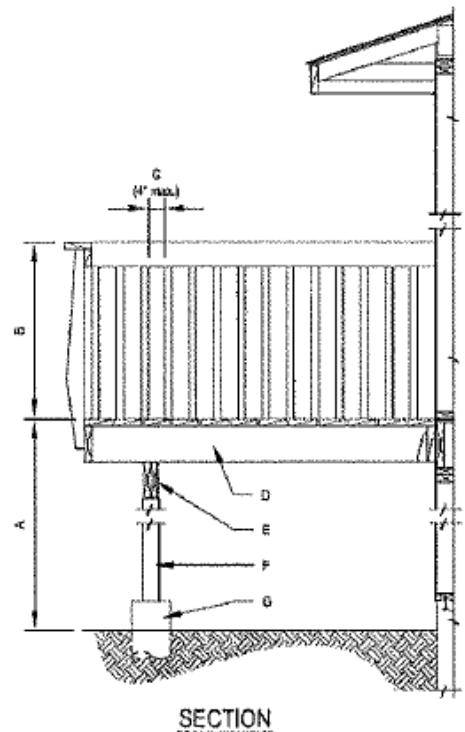
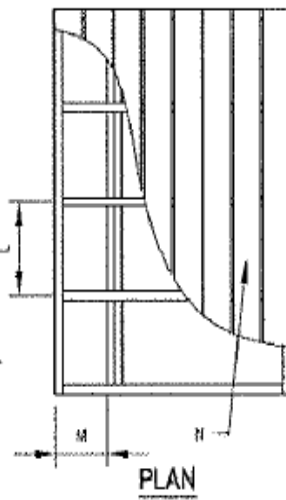
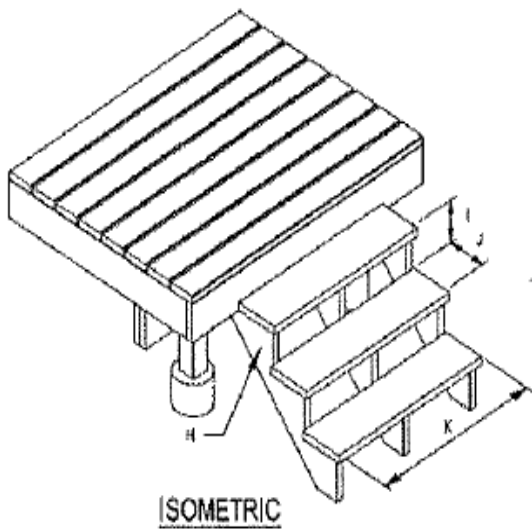


Residential Deck Form

This checklist has been provided to aid Building Permit Applications and does not include all possible NBC requirements:

Please indicate the dimensions of the following item in either metric or imperial in each space.

- A. Deck Height above Ground: _____ (If more than 600mm – full foundations extending below frost line are required)
- B. Guard Height: _____ (See "Notes" on next page.)
- C. Size of Max. Guard Opening: _____ (Max. 100mm (approx. 4") permitted)
- D. Joist Dimensions: _____ (See "Notes" on next page.)
- Joist Species & Grade: _____ (i.e. SPF No. 2 or better)
- Joist Total Span: _____ (See "Notes" on next page.)
- L. Joist Spacing: _____ (See "Notes" on next page.)
- M. Cantilever Length: _____ (See "Notes" on next page.)
- E. Each Beam Member Size: _____ (See "Notes" on next page.)
- # of Members in Beam: _____ (i.e. 2 Ply, 3 Ply, 4 Ply, etc.)
- F. Column Size: _____ (Min. size wood permitted is 140mm x 140mm (5.5" x 5.5"))
- Column Spacing: _____ (See "Notes" on next page.)
- G. Deck Pile/ Footing Size: _____ (12" diameter & 10' length r/w 2 @ 10M full depth- deck only no roof)
- H. Stair Stringer Size: _____ (i.e. 2"x12")
- Number Stringers: _____ (i.e. 3)
- I. Rise of Step: _____ (125mm- 200mm)
- J. Run of Step: _____ (255mm-355mm)
- Step Nosing: _____ (Max. 25mm)
- K. Width of Stairs: _____ (Min. 860mm)
- N. Type of Decking. Flooring: _____



Residential Deck Form

Guard Requirements:

- A guard is required around a deck, and alongside both sides of stairs, when located more than 24" (600mm) above finished grade.
- The required guard height, for a deck serving a one-unit dwelling, is 36" (900mm) when walking surface is not more than 72" (1800mm) above finished grade; and 42" (1070mm) when the walking surface is more than 72" (1800mm) above finished grade. For a deck serving a two-unit dwelling the required Guard height is 42" (1070mm) regardless of the height above 24" (600mm). Guards at landings are to be not less than 42" (1070mm) regardless of the height above 24" (600mm).
- Wood must be of pressure treated wood when in contact with the ground or exposed to elements.
- Handrails are to be provided as per Subsection 9.8.7. and Guards are to be provided as per Subsection 9.8.8 of the 2015 National Building Code of Canada.

Stair Requirements:

- Treads and risers must have a uniform rise and run in any one flight including top and bottom risers.
- Risers must be 125mm (5in) minimum to 200mm (8in) maximum.
- Treads must be 255mm (10in) to 355mm (14in) maximum.
- Handrails are required on stairs with more than 3 risers.
-

Required Information For Permit Applications:

1. A Site Plan or a Surveyor's Certificate showing the proposed deck with distances shown to property lines and accessory buildings. Note: it is the responsibility of the owner to contact information Services Corporation (ISC, Land Titles and Utility Companies to locate all utility lines and easements;

Joist Spans

Joist Size	16" o.c.	24" o.c.	Maximum Cantilever
2" x 6"	9'-4"	8'-2"	12"
2" x 8"	12'-4"	10'-9"	16"
2" x 10"	14'-6"	13'-6"	24"

Beam Spans

2 Ply Beams

Joist Length	2" x 6"	2" x 8"	2" x 10"
8'-0"	6'-6"	8'-6"	10'-0"
10'-0"	6'-0"	8'-0"	9'-6"
12'-0"	5'-6"	7'-0"	8'-0"

3 Ply Beams

Joist Length	2" x 8"	2" x 10"
8'-0"	10'-0"	13'-0"
10'-0"	9'-6"	11'-6"
12'-0"	8'-6"	10'-0"

Maximum Beam Cantilever

Beam Size	Maximum Cantilever
2" x 6"	1'-0"
2" x 8"	1'-6"
2" x 10"	2'-0"

2. A plan showing the location of piles, beams, and columns.

3. Deck information on page 1.

4. All structural changes to the dwelling unit resulting from the deck location (patio doors, etc).