

Deck - PBI Specifications

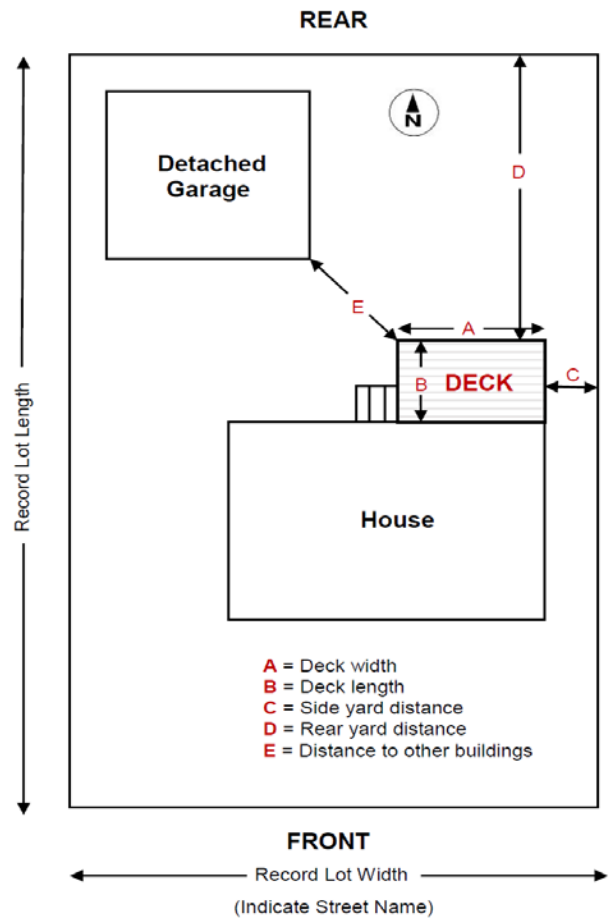
Owner Name: _____ Municipality: _____
 Owner: (Cell) _____ (H) _____ Jobsite Address: _____

(1) Provide a SITE PLAN sketch below or on a separate sheet and note the following:

- Draw the **property (lot) shape** (rectangular, pie-shape, etc.)
- Indicate the **North** direction.
- Note the **lot dimensions** (indicate ft or m): Front/Rear (width) / Side Yard (length)
- Label the **street/road name** in the front yard.
- Note what **borders the property** on each side (lane, neighbour, street, park, etc.)
- Draw the **house** on the lot (to scale)
- Draw the **size, shape & location of deck** on the lot (to scale), **including stairs**.
- Note the **deck dimensions** (ft or m) - (A) Width (rear facing) / (B) Length (side facing)
- Note the **distance** of the deck to the side (C) and rear (D) **property lines** (ft or m)
- Draw any **other buildings** on the same lot (e.g. detached garage, shed, etc.)
- Note the closest **distance** of the deck to **other buildings** (E) on the same property.
- Show the **direction of decking material** (horizontal, diagonal, etc.)

My Site Plan

Site Plan Example

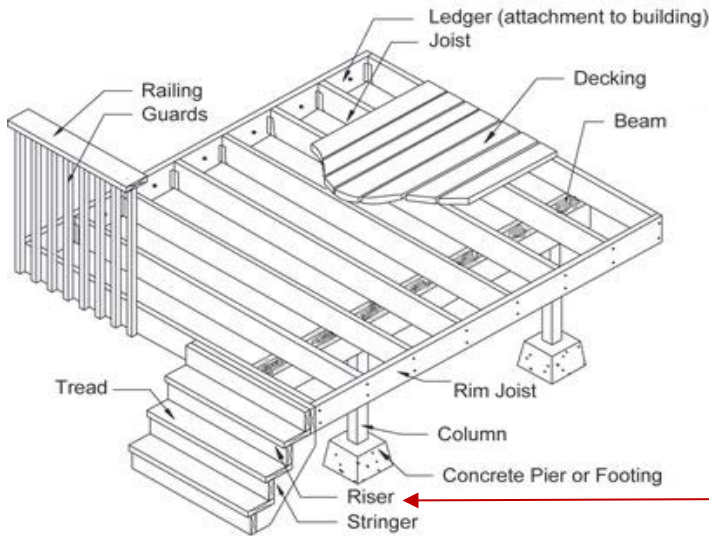


Please call PBI at (306) 536-1799 if you have any questions.

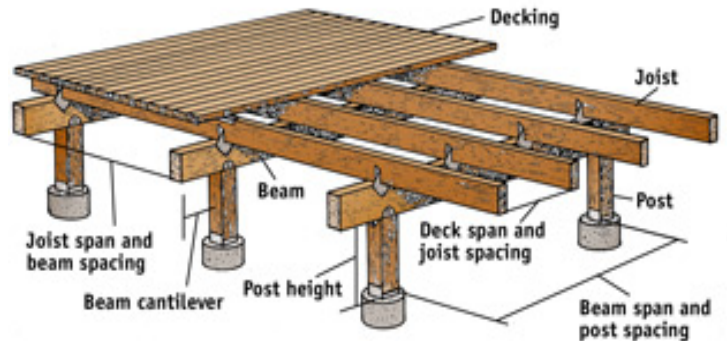
(2) Provide a SKETCH of the deck plan on a separate sheet, indicating:

- Dimensions of deck (**length, width, and height** above ground)
- Label **ledger** board location
- Direction of **joists** (note joist size, spacing and span)
- Size of **joist cantilever** (length of joist overhang past beam)
- Location of **columns** (note column size and spacing)
- Foundation** type supporting columns (note type, size, and depth)
- Direction of **beams** (note beam size and number of plies)
- Location and width of **stairs** (minimum stair width must be 36")
- Number of stair **risers** and riser height (rise must be between 5" to 7-7/8" high and be of uniform size for all steps)
- Width ("run") of stair **treads** (tread must be between 10" - 14" wide and be of uniform size for all steps)
- Height of **guards** (minimum guard height is 36" with no openings larger than 4". Guards may be required on both sides of stairs.)
- Direction of **decking** (note decking type and thickness)

Summary of Terms:

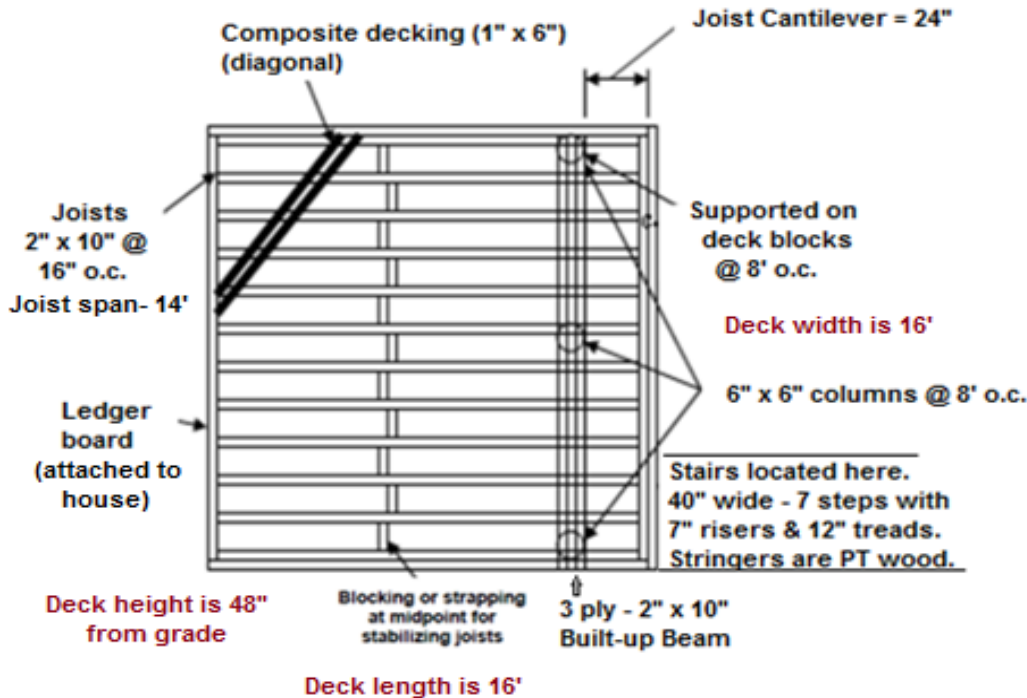


How to Measure Distances:



* **Note:** Wall and/or guards are required on both sides of the stairs if there are 4 or more risers.

Below is an example of how to draw and label your deck plan. Include all information requested above. * Also complete the checklist on page 3 and submit with your deck plan.**



Owner Name: _____

Municipality: _____

Owner: (Cell) _____ (H) _____

Jobsite Address: _____

(3) Complete ALL information below and submit with your deck plan:
Support:

-
- Attached to dwelling or other building (ledger board)
-
-
- Detached

Walking Surface Height Above Grade/Ground:

-
- 24" or less (No guards or stair handrails required)
-
-
- 24.1" - 72" (36" high guards and stair handrails required)
-
-
- Over 72" (42" high guards, stair handrails and piles required)
-
-
- Over 13'-9"

Clearance from Deck to Overhead Wires:

_____ feet (from walking surface to wires)

Joist Size:

-
- 2" x 6"
-
-
- 2" x 8"
-
-
- 2" x 10"
-
-
- 2" x 12"

Joist Spacing:

-
- @ 12" o.c.
-
-
- @ 16" o.c.
-
-
- @ 24" o.c.

Joist Span: (Beam Spacing)

(Distance between beams or house to beam)

-
- Up to 8 ft.
-
- 14' - 16'
-
-
- 8' - 10'
-
- 16' - 18'
-
-
- 10' - 12'
-
- 18' - 20'
-
-
- 12' - 14'
-
- Over 20 ft - see Span Table

Deck Joist - Sizing Table			
Joist Span	@ 12" oc	@ 16" oc	@ 24" oc
Up to 8'	2"x 6"	2"x 6"	2"x 6"
8' - 10'	2"x 6"	2"x 6"	2"x 8"
10' - 12'	2"x 8"	2"x 8"	2"x 8"
12' - 14'	2"x 8"	2"x 10"	2"x 10"
14' - 16'	2"x 10"	2"x 10"	2"x 12"
16' - 18'	2"x 12"	2"x 12"	
18' - 20'	2"x 12"		
Over 20' see span table			

Joist Cantilever: (joist overhang distance past beam)

_____ inches

Column (Post) Size:

-
- 2" x 6"
-
- 2 ply
-
-
- 2" x 8"
-
- 3 ply
-
-
- 2" x 10"
-
- 4 ply
-
-
- 2" x 12"
-
- 5 ply
-
-
- 4" x 4"
-
- 6" x 6"
-
-
- Steel telepost
-
-
- Other: _____

Column (Post) Height:

-
- Less than 24"
-
-
- 24" - 48"
-
-
- 48" - 72"
-
-
- Over 72" (requires piles for foundation support)

Foundation Support: (NBC 9.12.2.2. & 9.23.6.2.)

-
- Deck blocks / pier blocks
-
-
- Concrete pad: Length: _____ x Width: _____
-
- Concrete pad: Thickness: _____
-
-
- Concrete piles: Diameter: _____ Depth: _____
-
-
- Screw piles: Helical Size: _____ Depth: _____
-
-
- Other: _____
-
-
- Adjustment provided to relevel deck. Indicate how:
-
- _____

Beam Size:

-
- 2" x 6"
-
-
- 2" x 8"
-
-
- 2" x 10"
-
-
- 2" x 12"
-
-
- Other: _____

No. of Plies

-
- 2 ply
-
-
- 3 ply
-
-
- 4 ply
-
-
- 5 ply

Beam Span: (Column Spacing)

(Distance between columns supporting beams)

-
- Less than 6'
-
- 10' - 11'
-
-
- 6' - 8' span
-
- 11' - 12'
-
-
- 8' - 9'
-
- 12' - 13'
-
-
- 9' - 10'
-
- 13' - 14'
-
-
- Other: _____

Beam Cantilever: (beam overhang distance past column)

_____ inches

Decking Material Type:

-
- Wooden Deck Boards (Treated or Cedar)
-
-
- Composite
-
-
- Vinyl
-
-
- Other: _____

Stair Stringers Made of:

-
- Pressure Treated Lumber
-
-
- Metal
-
-
- Other: _____

Number of Stair Risers:

-
- 0 - 3
-
- 4 - 9
-
- 10 or more

Building Roof Over Deck?

-
- No
-
-
- Yes-Trusses (Engineer foundation & roof truss designs req'd.)
-
-
- Yes-Rafters (Engineer foundation designs are required.)

Deck Enclosure? (If yes, indicate if insulated or not)

-
- No
-
-
- Yes - Wood frame enclosure
-
-
- Yes - Manufactured sunroom enclosure
-
-
- Insulated
-
- Not insulated