

# Deck - PBI Specifications

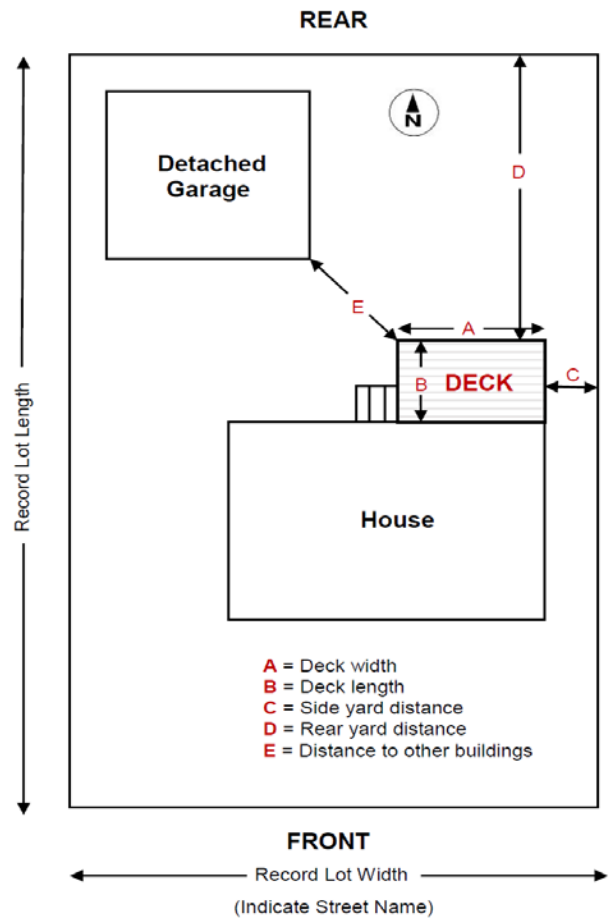
Owner Name: \_\_\_\_\_ Municipality: \_\_\_\_\_  
 Owner: (Cell) \_\_\_\_\_ (H) \_\_\_\_\_ Jobsite Address: \_\_\_\_\_

**(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**

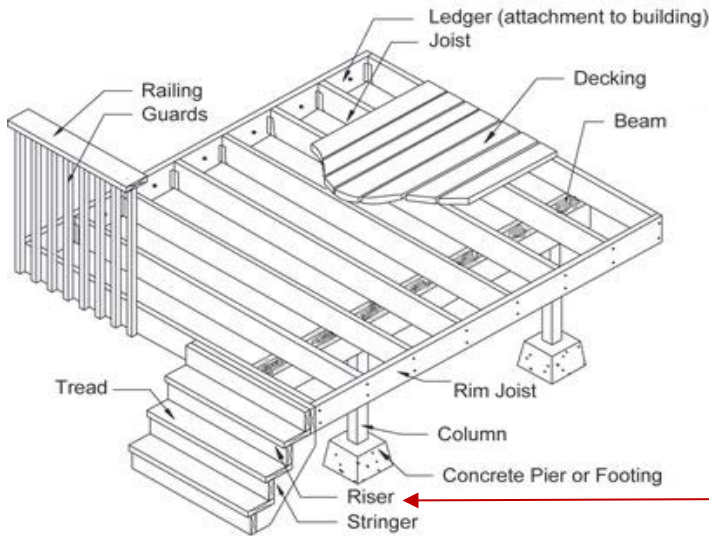


**Please call PBI at (306) 536-1799 if you have any questions.**

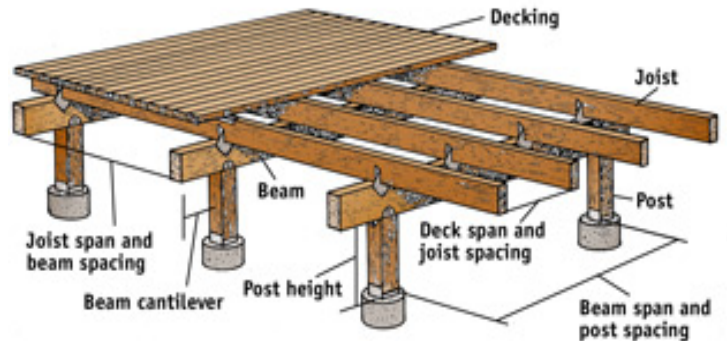
**(2) Provide a SKETCH of the deck plan on a separate sheet, indicating:**

- 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:**

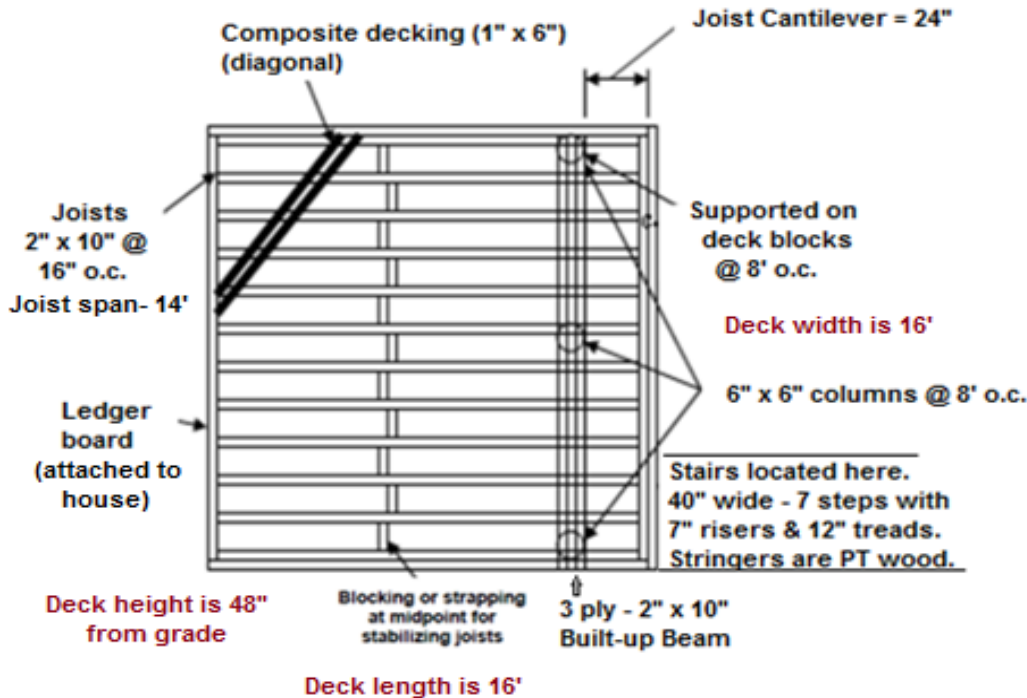


**How to Measure Distances:**



\* **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:**

**Joist Spacing:**

- 2" x 6"       @ 12" o.c.
- 2" x 8"       @ 16" o.c.
- 2" x 10"      @ 24" o.c.
- 2" x 12"

**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:**

**No. of Plies**

- 2" x 6"       2 ply
- 2" x 8"       3 ply
- 2" x 10"      4 ply
- 2" x 12"      5 ply
- Other: \_\_\_\_\_

**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