

## Project Information

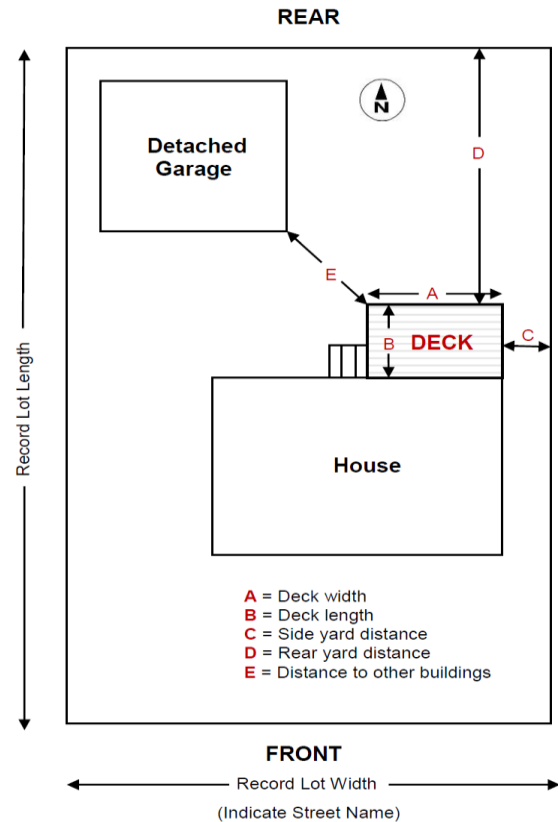
<b>Municipality:</b> _____	<b>PBI Number:</b> 24- _____
<b>Job Site Address:</b> _____	<b>Project Type:</b> _____
<b>Building Owner:</b> _____	<b>Cell Phone:</b> _____

### 1) Provide a **SITE PLAN** sketch 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

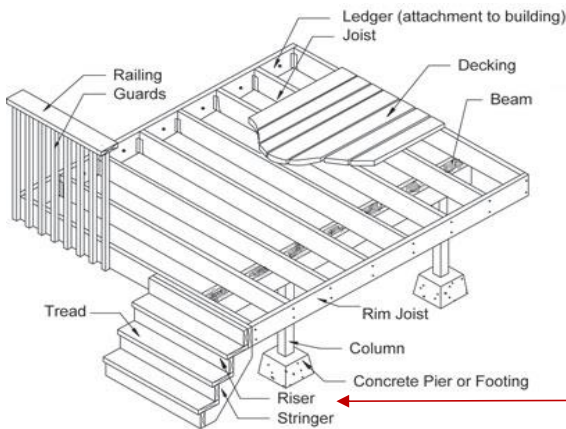


Contact PBI at (306) 536-1799 if you have any questions.

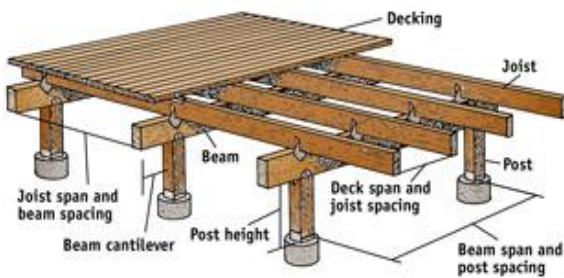
**2) Provide a SKETCH of the deck plan on a separate sheet, indicating:**

- 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:**

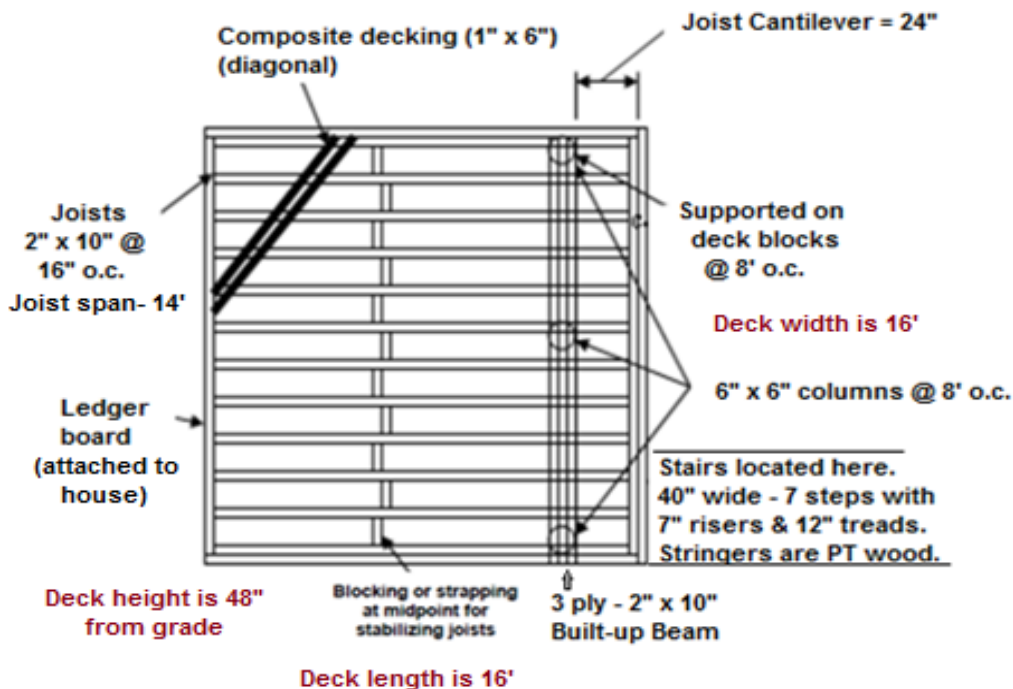


\* **Note:** Wall and/or guards are required on both sides of the stairs if there are 4 or more risers.

**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.**



**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:**

- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| <input type="checkbox"/> 2" x 6"  | <input type="checkbox"/> @ 12" o.c. |
| <input type="checkbox"/> 2" x 8"  | <input type="checkbox"/> @ 16" o.c. |
| <input type="checkbox"/> 2" x 10" | <input type="checkbox"/> @ 24" o.c. |
| <input type="checkbox"/> 2" x 12" |                                     |

**Joist Span: (Beam Spacing)**

(Distance between beams or house to beam)

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> Up to 8 ft. | <input type="checkbox"/> 14' - 16'                   |
| <input type="checkbox"/> 8' - 10'    | <input type="checkbox"/> 16' - 18'                   |
| <input type="checkbox"/> 10' - 12'   | <input type="checkbox"/> 18' - 20'                   |
| <input type="checkbox"/> 12' - 14'   | <input type="checkbox"/> 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 tables in National Building Code

**Joist Cantilever: (joist overhang distance past beam)**

- \_\_\_\_\_ inches

**Column (Post) Size (Minimum 6"X6"):**

- |   |                                |
|---|--------------------------------|
| <input type="checkbox"/> 2" x 6"        | <input type="checkbox"/> 2 ply |
| <input type="checkbox"/> 2" x 8"        | <input type="checkbox"/> 3 ply |
| <input type="checkbox"/> 2" x 10"       | <input type="checkbox"/> 4 ply |
| <input type="checkbox"/> 2" x 12"       | <input type="checkbox"/> 5 ply |
| <input type="checkbox"/> 6" x 6"        |                                |
| <input type="checkbox"/> Steel telepost |                                |
| <input type="checkbox"/> 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/Patio blocks (only for 24" or less in height)

**Concrete piles:**

- 12" Diameter X 12' Depth and Maximum spacing 8'
- Site specific engineered foundation

**Screw piles:**

- Site specific engineered foundation

**Beam Size: No. of Plies**

- |                                       |                                |
|---------------------------------------|--------------------------------|
| <input type="checkbox"/> 2" x 6"      | <input type="checkbox"/> 2 ply |
| <input type="checkbox"/> 2" x 8"      | <input type="checkbox"/> 3 ply |
| <input type="checkbox"/> 2" x 10"     | <input type="checkbox"/> 4 ply |
| <input type="checkbox"/> 2" x 12"     | <input type="checkbox"/> 5 ply |
| <input type="checkbox"/> Other: _____ |                                |

**Beam Span: (Column Spacing)**

(Distance between columns supporting beams)

- |                                       |                                    |
|---------------------------------------|------------------------------------|
| <input type="checkbox"/> Less than 6' | <input type="checkbox"/> 10' - 11' |
| <input type="checkbox"/> 6' - 8' span | <input type="checkbox"/> 11' - 12' |
| <input type="checkbox"/> 8' - 9'      | <input type="checkbox"/> 12' - 13' |
| <input type="checkbox"/> 9' - 10'     | <input type="checkbox"/> 13' - 14' |
| <input type="checkbox"/> 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