

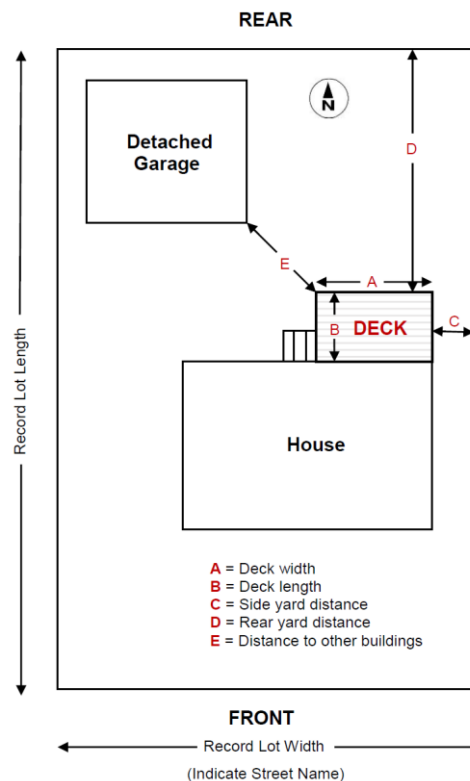
Project Information

Municipality: _____	Project Type: _____
Building Owner: _____	Cell Phone: _____
Job Site Address: _____	

(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** from the deck to **other buildings** (**E**) on the same property.
- Show the **direction of decking material** (horizontal, diagonal, etc.)

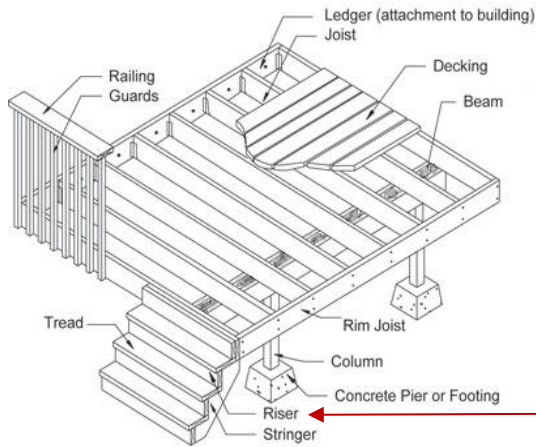
Site Plan Example:



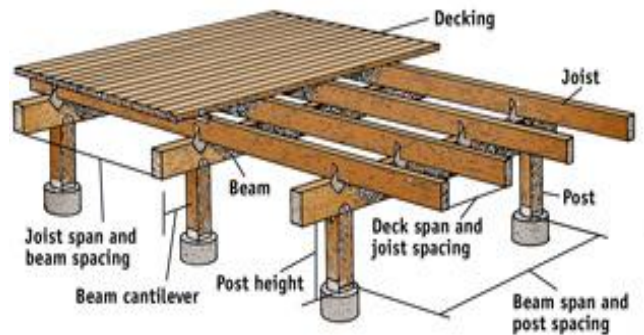
(2) Provide a SKETCH of the deck plan on a separate sheet, indicating:

- 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:

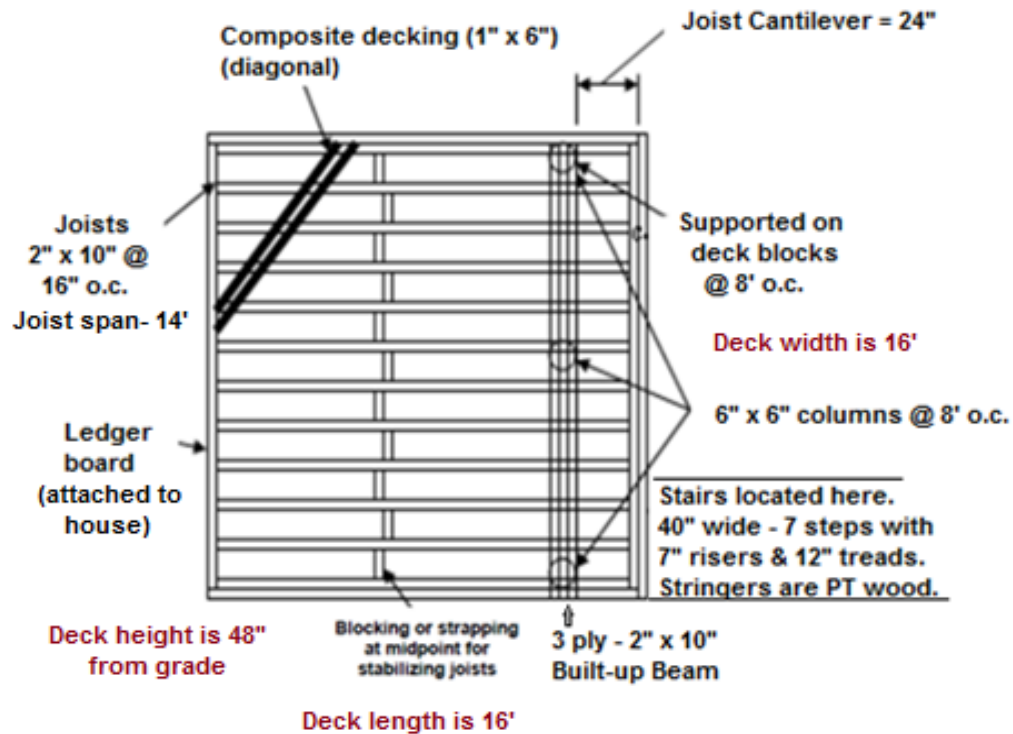


* **Note:** Wall and/or guards are required on both sides of the stairs if there are 4 or more risers.

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:

- 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.
- 8' - 10'
- 10' - 12'
- 12' - 14'
- 14' - 16'
- 16' - 18'
- 18' - 20'
- 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"):

- 2" x 6"
- 2" x 8"
- 2" x 10"
- 2" x 12"
- 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/Patio blocks (only for 24" or less in height) (height is measured from grade to underside of joist)

Concrete piles:

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

Screw piles:

- Site specific engineered foundation

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

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