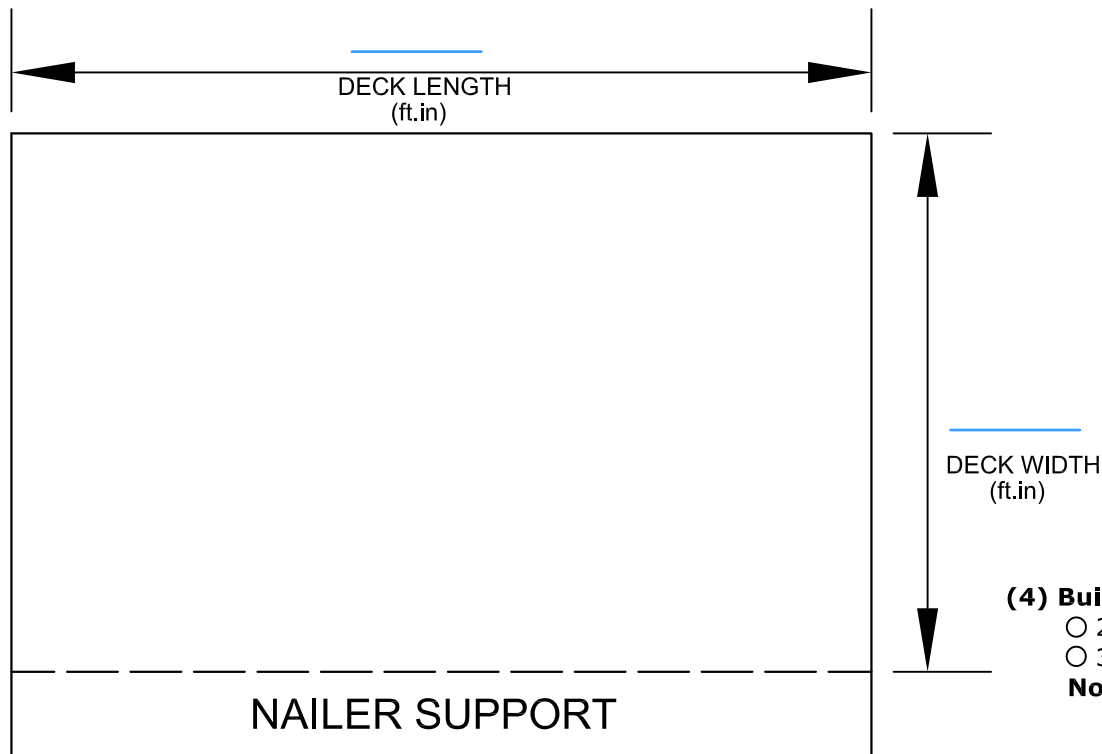


Foundation Plan for a Deck



Please draw the following information on the foundation plan:

- Location and spacing of piles or pads
- Direction of floor joists and beams
- Beams and joist cantilever length

(4) Built-Up Beams: (e.g. 3 ply 2"x10" spanning 10'-6")

- 2 ply 2" x _____ built-up beam spanning _____
- 3 ply 2" x _____ built-up beam spanning _____

Note: (a) Decks over 6'-0" high require 3 ply beams supported by 6"x4" columns

(b) When a deck beam is supporting joists on both sides of the beam, the number of plies must be increased by 1 ply to make a 3-ply beam supported by 6"x4" columns

CHECK APPROPRIATE CIRCLES:

(1) Floor Joists: (AS = Allowable Span)

- | | |
|--|---|
| <input type="radio"/> 2" x 6" @ 16" o.c. AS = 8'-11" | <input type="radio"/> 2" x 6" @ 24" o.c. AS = 8'-2" |
| <input type="radio"/> 2" x 8" @ 16" o.c. AS = 11'-0" | <input type="radio"/> 2" x 8" @ 24" o.c. AS = 10'-6" |
| <input type="radio"/> 2" x 10" @ 16" o.c. AS = 13'-0" | <input type="radio"/> 2" x 10" @ 24" o.c. AS = 12'-4" |
| <input type="radio"/> 2" x 12" @ 16" o.c. AS = 14'-10" | <input type="radio"/> 2" x 12" @ 24" o.c. AS = 14'-1" |
| <input type="radio"/> Other _____ | |

(2) Maximum Allowable Cantilevers Floor Joist Cantilevers:

- 2" x 6" Floor Joist Maximum 15" cantilever
- 2" x 8" Floor Joist Maximum 20" cantilever
- 2" x 10" Floor Joist Maximum 24" cantilever
- 2" x 12" Floor Joist Maximum 24" cantilever

(3) Maximum Allowable Beam Cantilevers:

- 2" x 6" Built-up Beams Maximum 15" cantilever
- 2" x 8" Built-up Beams Maximum 20" cantilever
- 2" x 10" Built-up Beams Maximum 24" cantilever
- 2" x 12" Built-up Beams Maximum 24" cantilever

(5) Allowable Deck Foundations:

- Concrete Pads:** Minimum 24" x 24" x 4" Thick Spaced at _____ (maximum spacing allowed for concrete pads = 8'-0" o.c.)
- Piles:** Diameter _____ Depth _____ spaced at _____

*** Note: Uncovered deck piles allowed without engineering:**

- 8" diameter by 8'-0" deep spaced at 8'-0" o.c.
- 10" diameter by 10'-0" deep spaced at 10'-0" o.c.
- 12" diameter by 12'-0" deep spaced at 12'-0" o.c.

(6) Allowable Column (Post) Size:

- 4"x4" supporting a 2-ply beam
- 6"x4" supporting a 3-ply beam

(7) Dimensions Required:

- On drawing above, show length of joist nailer support beam support in feet and inches.
- On drawing above, show total length of beam in feet and inches