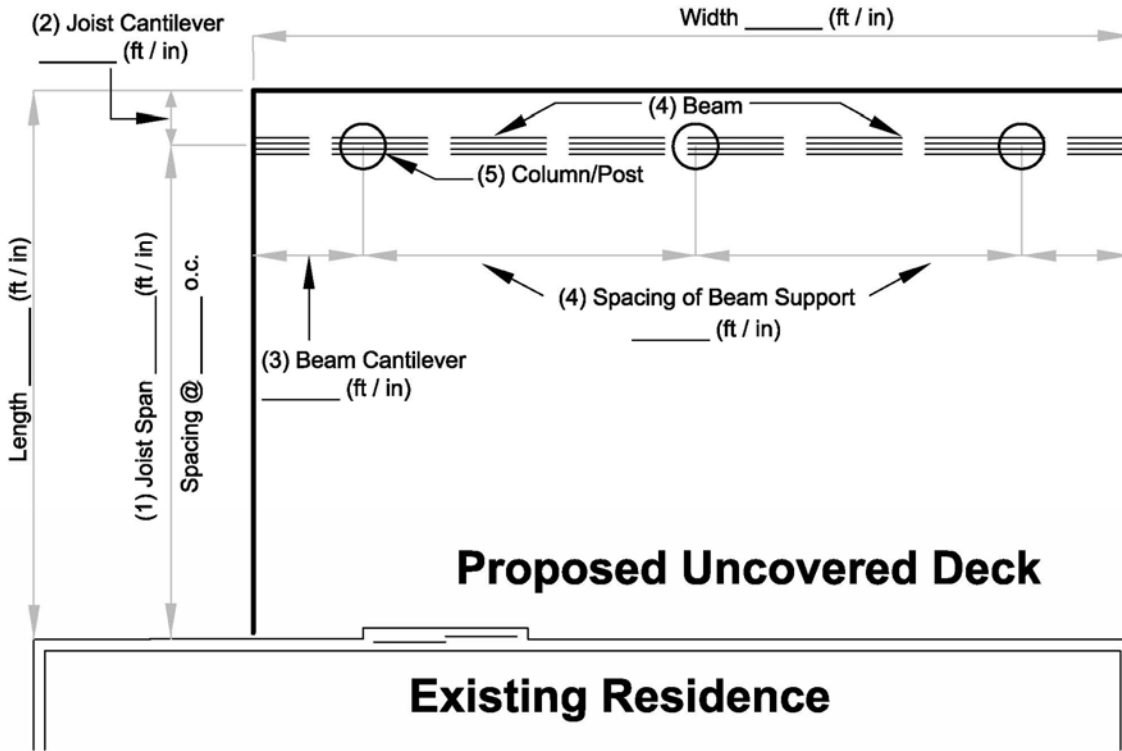


Foundation Plan for an Uncovered Deck



Please show the following information on your plan:

- o Location and spacing of piles or pads
- o Direction of floor joists and beams
- o Beams and joist cantilever length
- o Length of joist nailer support beam in feet and inches
- o Total length of beam in feet and inches
- o Stair location with rise and run measurements

(1) Floor Joists: (as = allowable span)

- | | |
|------------------------------------|-----------------------------------|
| o 2" X 6" @ 16" O.C. as = 8' 11" | o 2" X 6" @ 24" O.C. as = 8' 2" |
| o 2" X 8" @ 16" O.C. as = 11' 0" | o 2" X 8" @ 24" O.C. as = 10' 6" |
| o 2" X 10" @ 16" O.C. as = 13' 0" | o 2" X 10" @ 24" O.C. as = 12' 4" |
| o 2" X 12" @ 16" O.C. as = 14' 10" | o 2" X 12" @ 24" O.C. as = 14' 1" |
| o Other | |

(2) Maximum Allowable Joist Cantilevers:

- o 2" X 6" Floor Joist Maximum 10" cantilever
- o 2" X 8" Floor Joist Maximum 20" cantilever
- o 2" X 10" Floor Joist Maximum 24" cantilever
- o 2" X 12" Floor Joist Maximum 24" cantilever

(3) Maximum Allowable Beam Cantilevers:

- o 2" X 8" Built-up Beam Maximum 20" cantilever
- o 2" X 10" Built-up Beam Maximum 24" cantilever
- o 2" X 12" Built-up Beam Maximum 24" cantilever

(4) Built up Beams (e.g. 3 ply 2" x 10" spanning 10'-6")

- o 3 ply 2" x _____ built up beam spanning _____
- o 4 ply 2" x _____ built up beam spanning _____

(5) Column (Post) Size:

- o 6" X 4" supporting a 3-ply beam
- o 6" X 6" supporting a 3-ply beam

Uncovered Deck Foundations

Decks less than 6 feet above grade

- o Concrete piles, diameter _____ by _____, spaced _____ apart
- o Concrete pads, with minimum dimensions of 24" x 24" x 4" thick spaced at _____
- o Screw piles spaced at _____

Decks greater than 6 feet above grade

Engineered:

- o Concrete piles
- o Concrete pads
- o Screw piles

Alternatives to the above Uncovered Deck Foundations require the seal and signature of a Professional Engineer.

For further information please contact 780-464-8080.