

## Checklist for residential deck drawings

(Be sure the following information is included on both sets of permit drawings.)

- A. DESIGN CRITERIA - Live load minimum of 40 psf
1. Minimum scale of 1/4" to 1" for all drawings
  2. Deck framing not to be supported by existing chimney
  3. If deck is intended for hot tub support, provide these specifications for the tub
    - Actual water depth
    - Weight of tub when filled with water
    - If available, provide weight of tub with combination of water and persons
  4. Decks attached to an existing cantilever will require an additional beam
  5. Guardrails shall be designed and constructed for a concentrated load of 200 lbs laterally applied
  6. Corrosion resistant fasteners are required for all connections
  7. If deck is constructed above a basement areaway a 6' - 8" vertical clearance shall be maintained over stairs - measured from the tread nosing
  8. If deck is constructed over or in front of any equipment or utilities that require to be maintained or accessed - required clearances and access shall be maintained
  9. All footings shall rest on undisturbed soil - minimum depth of 24" below grade, exception in area determined as geo-technical concern minimum depth of 48"
  10. Maximum cantilever for any joist size - 24"
- B. LOCATION ON LOT
- \* Show entire outline of structure to be attached to indicating location of the deck - indicate if utilities or serviceable equipment to be in same location
- C. FRAMING INFORMATION
1. Indicate the grade and species of the lumber to be used
  2. Provide the following information
    - \* Joists
      - Size
      - Spans
      - Spacing
    - \* Beams
      - Size
      - Spans
      - Distance between support posts
        - \* Maximum spans

- I. (2) 2 x 6 - 4'
  - II. (2) 2 x 8 - 6'
  - III. (2) 2 x 10 - 8'
  - IV. (2) 2 x 12 - 10'
  - \* Attachment method to support post
    - Lag Bolts
    - Carriage Bolts
  - \* Support posts
    - Size
    - Height
      - \* Maximum heights
        - I. 4 x 4 - 8'
        - II. 6 x 6 - 15'
        - III. 8 x 8 - above 15'
        - IV. Above 22' provide engineered certification for proposed
3. Footing Information
- \* Attachment method to footing
    - Embedded into concrete
    - Type of anchor
  - \* Footing
    - Size
    - Thickness
4. Guardrail - where required - deck floor elevation exceeds 30"
- \* Height
    - \* Minimum - 36"
      - Top rail size
      - Spacing between main supports
      - Design of guardrail pickets
        - \* Maximum spacing between pickets - 4"
5. Stairs
- Width - minimum 36"
  - Treads - minimum depth 9"
  - Risers - maximum height 8 1/4"
    - \* Maximum riser opening 4"
    - \* Maximum difference between riser heights 3/8"
6. Landing
- Width
  - Level grade
7. Handrails - required with 4 or more risers
- Provided

- Design provided
  - \* Ends of railing to terminate at post