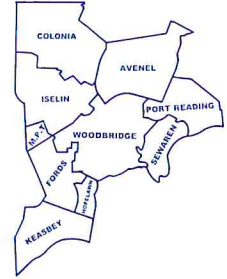




Township of Woodbridge

John E. McCormac, Mayor

Department of Planning and Development
Bureau of Code Enforcement
One Main Street • Woodbridge, New Jersey 07095
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Woodbridge - Ten Towns, One Community

DECK CONSTRUCTION GUIDELINES

1. **SURVEY OF PROPERTY SHOWING PROPOSED DECK AND ALL STRUCTURES ON PROPERTY THAT MAY HAVE BEEN INSTALLED SINCE SURVEY WAS MADE.**
2. **UTILITY REFERENCE NUMBER FOR DIGGING; CALL 1-800-272-1000.**
3. **SHOW DECK SIZE: LENGTH, WIDTH AND HEIGHT ABOVE GRADE.**
4. **PROVIDE FOOTING LAYOUT FOR DECK:**
 - a. **Minimum depth for footing is 36 ”**
 - b. **Column must be connected to the footing with an approved post anchor and bolt.**
5. **COLUMN SIZE AND SPACING (4 X 4) (6 X 6) ETC.**
 - a. **Girders must rest over the column.**
6. **SHOW SIZE, LENGTH AND DIRECTION OF MAIN GIRDER. ANY SPLICES MUST OCCUR OVER COLUMNS.**
 - a. **The support columns must be connected to the girder with an approved post cap.**
7. **SHOW LEDGER ATTACHMENT TO HOUSE (IF ANY) 16" O.C. LAG SCREWED TO EXISTING HOUSE.**
 - a. **Lag bolts shall be ½ “ diameter bolt.**
 - b. **Ledgers shall be flashed to code.**
 - c. **Ledgers shall not be attached to stone or brick veneer.**
 - d. **Ledgers shall not be attached to an existing cantilever.**
 - e. **If attaching to foundation wall, must use ½ “ bolt through to inside and support with plate, washer and nut.**

8. SHOW SIZE, LENGTH AND ATTACHMENT OF FLOOR JOIST.

- a. Joist hangers on all unsupported joists or girders.
- b. Maximum joist freespan between ledger and main girder 16" OC framing.

2 x 6" -	16" o.c. -	7 ft. 1in.
2 x 8" -	16" o.c. -	9 ft. 5 in.
2 x 10" -	16" o.c. -	11 ft. 6 in.
2 x 12" -	16" o.c. -	13 ft. 4 in.

- c. Midspan blocking for any freespan over 8 ft.
- d. For composite flooring deck should be framed C 12" OC

9. TYPE OF DECKING.

10. GUARDRAILS- 36" MINIMUM HEIGHT FROM FINISHED FLOOR AND 4" MAXIMUM SPACING OF BALUSTERS.

11. HANDRAILS- 32"-38" FROM TREAD TO TOP OF HANDRAIL.

- a. Handrails on all stairs with 4 or more risers.
- b. Handrails must be graspable according to Section R311.7.8.5.

12. STAIRS (SEE DETAIL)

- a. 36" minimum width.
- b. Minimum 9" tread Maximum 8 1/4" riser height.
- c. Risers not allowed to be open more than 4"
- d. Provide nosing not less than 3/4" but no more than 1 1/4".

13. COST OF DECK INCLUDING LABOR AND MATERIAL

14. REQUIRED INSPECTIONS:

- a. AFTER HOLES ARE DUG, PRIOR TO PLACING CONCRETE.
- b. AFTER COMPLETION OF CONSTRUCTION.

*FAILURE TO CALL FOR INSPECTIONS IS IN VIOLATION OF N.J.A.C. 5:23-2.18(b)

SAMPLE DECK DRAWING

