



309 E. Market Street - Smithfield NC 27577 - 919-989-5060

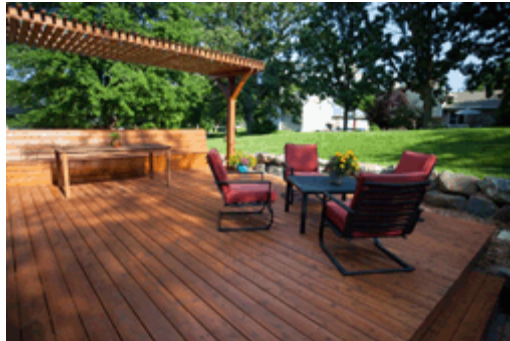
Decks and Steps - Guide to Building Decks

Guide to Building Decks

For Single Family Dwellings, and Manufactured Homes where decks exceed 36 sq. feet

Based on Appendix M

2018 NC Residential Code

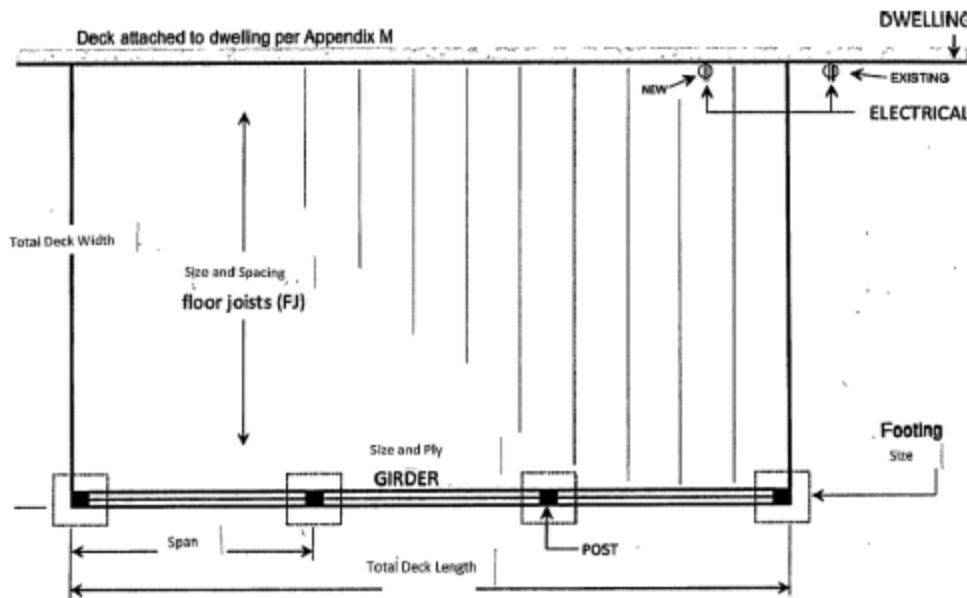


Johnston County Building Inspections

309 E. Market St., Smithfield, NC

(919) 989 – 5060

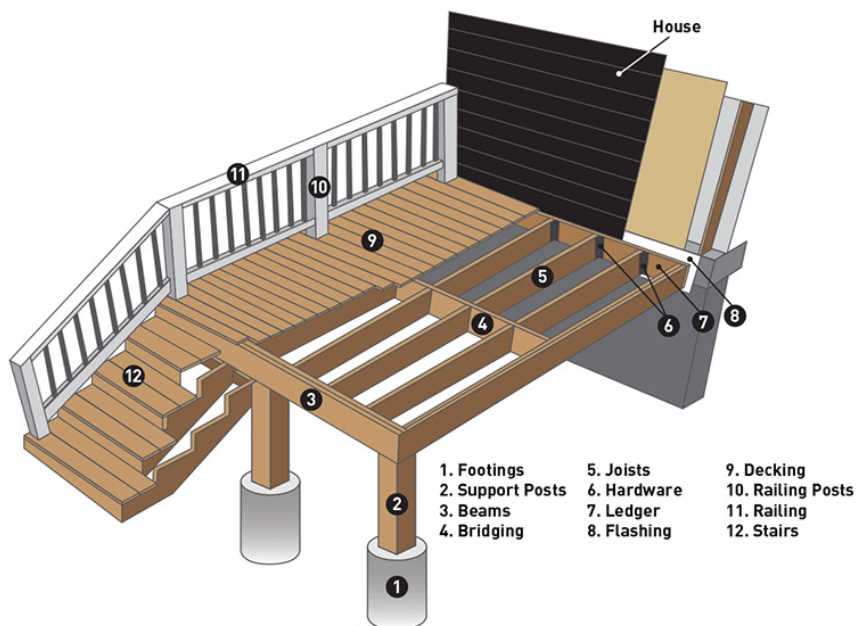
www.johnstonnc.gov/inspections



Drawings can be simple, like the example above.

Deck Construction Requirements

- Overall dimensions (length, width, height)
- Exact location of all footings
- Center to center distances between all footings
- Size of all footings (length, width, height)
- Size and spans of all girders
- Size, spacing, and spans for floor joist
- Type of decking material used



Deck Components

1. Footing
2. Support Posts
3. Girder/Beam
4. Bridging/Blocking if needed
5. Floor joist
6. Approved Hanger or Ledger Strip
7. Ledger board
8. Flashing(s) **Aluminum not permitted***
9. Decking
10. Rail posts
11. Railing/Guard
12. Stairs

Deck Permitting Checklist

- Site Plan
- Copy of Septic Permit (Does not apply to sewer)
- Zoning Permit
- Completed Permit Application
- Copy of Plans

How much does a Deck Permit Cost?

- \$12.50 Land Use/Zoning Fee
- \$75.00 Building Permit
- \$75.00 Electrical Permit (if needed)
- *\$10.00 Homeowner's Recovery Fee (applies to General Contractors Only)

Can I Do the Work Myself?

Yes, if you are the homeowner, reside there, and you will be the one performing the work. You must sign the Owner Consent Form and you must reside at the same property for one year after the work is completed. Jobs costing less than \$40,000 may be done by an unlicensed contractor. Electrical, Plumbing, and Mechanical must be done by a licensed individual if not done by the homeowner, who resides at the property.

** See [Appendix M](#) for specific code requirements.

** The information in this brochure is not all inclusive and has been derived from the current edition of the [NC Residential Building Code](#). Please consult applicable code sections for more detailed information. Information on this page is not intended to replace any part of the code sections.

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