

# Alamance County

## Residential Plan Review Requirements

The following is provided as a guide for obtaining Building plan approval for residential single-family dwellings, modular homes, and additions and renovations in Alamance County. It applies to all plans submitted under the 2018 NC Residential code.

- **General**
  - Two sets of plans should be submitted. They must be properly collated / stapled. We give them both back to you
  - Floor plan layout with all rooms / areas labeled for use
  - Window and door sizes
  - Site plan
  
- **Insulation**
  - Insulation values for floors, walls and ceilings. Provide detail for monolithic slab foundations
  
- **Structural**
  - Footing and foundation details
  - Thickened slab details for poured concrete foundations
  - Complete details for floor joists and girders for all floor systems
  - **Sealed** floor truss plans if they are used
  - Wall construction details, including stud height, size, spacing and wall bracing method / details
  - We are no longer requiring **roof** truss drawings at plan review time, these should be placed in the permit box for the framing inspection. A layout is required as well
  - If roof is stick framed, complete roof structural including - size, spacing, direction of all members including ceiling joists and all rafters
  - All header and girder sizes with bearing and attachment details and locations (For LVL headers, the plans should just state "LVL header")
  - The cut sheets for each LVL header must be in the permit box at the time of framing inspection.
  - Point loaded LVL headers- cut sheet must be **sealed** by engineer
  - Any steel girders must be sized and **sealed** by engineer
  
- **Decks**
  - Dimensional plans including:
    - Footings
    - Post locations
    - Girder and joist size, span, spacing and direction
  
- **Fire protection - duplex, townhome, multi-family**
  - Separation wall design and details
  - Fire separation details for soffit