

# Giles County Building Department

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## Plan Requirements for One and Two Family Dwellings

### **FOOTING:**

- 1) *Sketch of layout showing:*
  - a. Grade level doors if present
  - b. Location and dimension of all thickened slabs, piers, etc.
  - c. Location and size of lintels (if used)
- 2) *Typical Section of Displaying*
  - a. Depth (18 inch minimum)
  - b. Reinforcement
  - c. Thickness

### **FOUNDATION:**

- 1) *Sketch of layout showing:*
  - a. Unbalanced fill height
  - b. Size of masonry units used (specify if to be filled ) or thickness of wall and compressive strength of concrete if a poured wall is to be used
  - c. Size and spacing of reinforcement (if used)
  - d. Location of anchor bolts
  - e. Location and dimension of all openings
  - f. If crawl space list number, size and location of vents
  - g. Method of waterproofing

### **FRAMING:**

- 1) *Plan view for each floor and roof detailing all members, beams, columns (size, span, length, spacing, grade and species of lumber)*

**NOTE:** as alternative to plan views a commentary may be submitted

**NOTE:** if engineered materials are used (trusses, tji's, lvs, etc.) spec sheets must be provided for framing inspection.

### **FLOOR PLANS:**

- 1) *Floor plans for each level showing:*
  - a. All rooms labeled with intended use (areas intended for future use labeled)
  - b. Location of smoke detectors
  - c. Location of electric service and all sub panels
  - d. Location of HVAC equipment
  - e. Location of water heater
  - f. Sizes of all egress components
  - g. Kitchen layout

### **MATERIAL SPECIFICATIONS:**

- 1) *Size of Electric Service and Sub Panels*
- 2) *Size and Type of HVAC equipment*
- 3) *R-Value of insulation to be used (floor, wall, ceiling)*
- 4) *Type of Siding and Roofing*