



Town of Christiansburg

Building Department
100 E Main St ~ Christiansburg, VA ~ 24073
540-382-6120

RESIDENTIAL BUILDING PLANS AND PERMIT SUBMITTAL REQUIREMENTS

Please submit the following information. Check each box to confirm that the item listed is included with your building permit application submittal. Incomplete applications **will not** be accepted.

Two sets of construction plans at least 11x17 with ¼" scale minimum which include the following:

- Footing plan must meet requirements stated in soils report
- Foundation plans detailing masonry or concrete wall height(s), unbalanced fill on walls, wall thickness(s), Size and spacing of steel in walls and footings.
- Show perimeter slab insulation
- R.D.P sealed drawings for any portions of the building that are not built from the Virginia Residential Code.
- Plans must indicate the intended use of each room (e.g., bedroom, laundry or living room, etc.)
- Height and area of building
- All framing member sizes, spacing, species, and grade
- Finished ceiling height for each story and basement/crawlspace
- Location of all egress windows and doors
- Location of all tempered glass, skylights
- Details for wall types
- Location of all plumbing fixtures, electrical devices and mechanical devices, and equipment
- Insulation R-value (Wall, floors, attics, basement and slabs)
- Crawl Space – note if conditioned or unconditioned on the plan
- Attic – note if vented or unvented on the plan
- List combustion air requirements for each gas appliance
- Show Mechanical ventilation
- Wood Burning Fireplace, show if to be installed
- Programmable Thermostat – show location
- Fire Extinguisher – show location in kitchen
- Location of all smoke and carbon monoxide detectors

In addition to the plans above please submit the following:

- Two plat plans depicting the proposed location of house, deck, any accessory buildings, HVAC equipment, driveways, lot dimensions and proposed setbacks.
- Shrink swell soil test report
- Compaction test if applicable
- Truss package
- Agreement in lieu of Erosion & Sediment
- Erosion and sediment control certified land disturber permit
- Request for Variance form if applicable
- Sub Contractor's information list
- RESCheck (required to be submitted if other than Batt/Blown fiberglass is installed)
- Pool
- Sunroom
- Manual J and D Worksheets
- Energy compliance form
- A permit application completely and correctly filled out
- All Engineered products used on site shall have their site specific engineered drawings submitted with application. This includes wood trusses, I-joists, Engineered Wood Products, and Metwood products.
- Provide U-factors of all windows and doors
- Provide luminaries fixture schedule (50% shall be high efficient)

For questions please contact the Building Department. We appreciate your cooperation and we look forward to working with you on your future projects.

Jerry B. Heinline, Building Official

Melanie Dornon, Permit Technician

Bill Aldridge, Chief Building Inspector

Chris Childress, Building Inspector