



Town of Christiansburg

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

NEW RESIDENTIAL BUILDING PLAN 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 11 X 17 which include the following at a minimum:

- 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
- 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.
- R.D.P sealed drawings for any portions of the building that are not built from the Virginia Residential Code.
- Plans must indicate what each room will be used as. (e.g., bedroom, laundry, living room, etc.)
- Height and area of building
- Width and Length dimensions of each room
- All framing member sizes, spacing, species, and grade
- Finished ceiling height for each story and basement/crawlspace
- Location of all windows and doors including header sizes
- Location of all tempered glass, skylights
- Details for wall types
- Location of all plumbing fixtures, electrical devices and mechanical devices, and equipment
- Type of Insulation
- 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 rate and method of compliance
- Show U-Factors and SHGC ratings for all windows and doors
- Programmable Thermostat – show location
- Provide luminaires fixture schedule (50% shall be high efficient)
- Fire Extinguisher – show location in kitchen

In addition to the plans above please submit the following:

- Shrink-Swell soil test report
- Compaction Test (if applicable)
- Truss package
- REScheck (required when other than Batt/Blown fiberglass is installed)
- HVAC System Design Form including Manual J and D Worksheets
- Energy Compliance Form