

Checklist for residential addition drawings

(Be sure the following information is included on both sets of permit drawings.)

- A. DESIGN CRITERIA - Minimum scale of 1/4" to 1' for all drawings
- B. LOCATION ON LOT
 - Indicate distances to other structures on the lot within 10'
 - Indicate if located in a flood zone - provide zone classification
 - Indicate if located in an area of geo-technical concern
- C. FLOOR PLANS
 - Provide floor plan for the entire existing structure to be added on to including the proposed addition floor plan
 - Provide dimensions of all rooms and addition
- D. FRAMING INFORMATION
 - * Existing:
 - * Provide the foundation information for the existing structure at the area of the new addition, include information for existing footing
 - * Indicate basement, crawl space or slab on grade
 - * Provide a detail for footing
 - Provide depth
 - Provide width
 - Provide thickness
 - Provide location as it pertains to location of the proposed footing
 - * Indicate type of foundation wall
 - Masonry
 - Concrete
 - Wood
 - Provide engineer certification for all information that cannot be provided and verified
 - * Provide floor framing information for existing structure at the area of the new addition
 - Joist size
 - Joist spacing
 - Joist spans
 - * Indicate the location of any cantilevers that may be attached to
 - Provide length of cantilever
 - Provide joist size
 - Provide joist spacing
 - Provide joist span

- * Provide wall construction of existing structure at the area of the addition
 - Indicate the material of the wall framing
 - Provide the stud size
 - Provide the stud height
 - Provide the stud spacing
 - Include the header information of any openings that will be used to join the new addition to existing
- * Provide the roof construction of existing structure at the area of the new addition - Provide roof pitch
- * Indicate truss roof system or field framed
 - Truss roof system
 - Indicate spacing of pre-fabricated trusses
 - Field framed
 - Rafter size
 - Rafter spacing
 - Rafter spans

* Proposed:

- * Provide foundation information for new addition, include detail for proposed footing
- * Indicate basement, crawl space or slab on grade
- * If on basement, basement wall type form completed and signed
- * Provide a detail of footing
 - Provide depth
 - Provide width
 - Provide thickness
 - Include the number of and size of isolated footings for support columns
- * Indicate the type of foundation wall
 - If on a crawl space, indicate locations and size of foundation vents
 - Masonry
 - Concrete
 - Wood
- * Provide the floor framing for new addition
 - Steel
 - Wood
 - Slab on grade
 - Indicate thickness and material of base under concrete

- Indicate thickness of concrete slab
- Indicate moisture barrier
- Joist size
- Joist spacing
- Joist spans
- Wood joist grade and species
- Metal joist identification as required by IRC (R503.2.2)
- Support beams
 - Indicate size and material of any support beams
 - Indicate solid or built up support columns
 - Indicate placement of support columns
- * Provide the wall construction of the new addition
- * Indicate the material of the wall framing
 - Steel
 - Wood
 - Stud size
 - Stud spacing
 - Stud height
 - Wood stud grade and species
 - Metal stud identification as required by the IRC(R603.2.2)
 - Provide the size and location of all openings
- * Provide the roof construction of the new addition - Provide roof pitch
- * Indicate type of roof system
 - Pre-manufactured truss system
 - Provide truss layout with permit submittal
 - Field framed
 - Indicate wood grade and species
 - Rafter size
 - Rafter spacing
 - Rafter spans
 - Indicate locations of dormers
 - Indicate location of skylights

E. PROVIDE METHODS OF WEATHERPROOFING

- * Indicate method of weatherproofing the foundation walls
- * Indicate method of weatherproofing the exterior walls
 - Provide type of sheathing
 - Provide type of water resistive barrier
 - Provide type of veneer

* Indicate method of weather proofing the roof

- Provide type of sheathing
- Provide type of underlayment
- Provide type of roof covering

F. PROVIDE INSULATION VALUES - (Values given are minimum's)

Charles County is in a climate zone 4

- * Floors - R-19
- * Wood framed walls - R-13
- * Mass walls - R-10, R-13
- * Attic - R-38
- * Slab on grade - R-10, minimum of 2' of perimeter
- * Crawl Space - R-10, R-13

G. PROVIDE INTERIOR COVERINGS

- * Provide ceiling coverings
- * Provide wall coverings
- * Provide floor covering

H. Indicate all new ELECTRICAL improvements or upgrades

I. Indicate all new PLUMBING improvements or upgrades

J. Indicate all new GAS improvements or upgrades