

7. **Rough Mechanical** – Duct, refrigerant lines, condensate lines, thermostat wires, or other equipment that may be concealed in walls, ceilings, and floors should be installed at this inspection. Bath fans shall be vented to the outside and all draft stopping/fire stopping installed.

8. **Fireplace** – On all masonry fireplaces after flue damper, lintels and fire box is completed and the first flue line tile is installed before starting the chimney.

9. **Framing Inspection** – After all rough inspections are approved, but prior to insulation, house wrap, siding or brick veneer installation. If any trusses or engineered beams are used, the engineered plans, drawings, and/or specifications shall be on site.

10. **Insulation Inspection** – After the framing inspection has been approved an insulation inspection must be requested. R-Values will be verified: R-30 in ceiling, R-19 in floor. (See additional Energy Code handout.) R-13 in exterior wood framed walls. Duct work in an unconditioned space must be R-8.0, hot water systems and piping R-2. All windows must meet a 0.65 U Factor. A permanent certificate shall be posted on or in the electrical panel.

11. **Power/Meter Release** – Structure is weather-tight and drywall is installed. The bottom of the footing shall be 12” minimum below undisturbed ground surface.

12. **Final Electrical** – All appliances, fixtures, outlet panels, switches installed, smoke detectors function, GFCI/arc fault properly functioning.

13. **Final Plumbing** – After all fixtures have been set, hot water turned on, backflow devices installed, all caulking complete.

14. **Final Mechanical** – After all equipment has been set and operating, grilles set, dryer vent.

15. **Final Building** – After all trades have been approved, a request for final inspection, R-Factor posted on/in electrical panel, all insulation complete, smoke detectors properly functioning. All handrails, guardrails, vapor barrier (if required) in crawlspace, foundation openings properly sealed. A Certificate of Occupancy permit will be issued once building final is approved.