

## PLAIN CITY REQUIRED INSPECTIONS

**IMPORTANT NOTICE:** Make sure that all insulation, lumber size windows etc. including brand names and specifications are EXACTLY as specified in your C.A.B.O Model Energy Report analysis or it could be very costly to fix or adjust.

- **TEMPERARY POWER** (No inspection required by City. Call Rocky Mountain Power)
- **SEWER WATER LATERAL** (Water lateral connected with approved fitting, sewer lateral connected and set to grade. ¼ per foot with clean-out installed within 3' of foundation)
- **FOOTING/SPOT FOOTING INSPECTION** (Formed-with steel hung in place, on natural ground without fill material, without ice or standing water.)
- **FOUNDATION/PIER/COLUMN INSPECTION** (Formed-with steel tied in place-including all concrete-to-structure straps required by the plans. It should be noted that straps that must span a floor joist system are required to be longer than those that don't)
- **UNDER SLAB PLUMBING INSPECTION** (All piping must be exposed and supported full length. This inspection requires a 10' head of water or air pressure test.)
- **UNDER SLAB HEATING INSPECTION** (Any under slab heat duct material shall be listed for the specific way it is being used or installed as per the Mechanical Code – any variation to this must be first approved by the Building Inspection Department before the installation begins. All material must be left fully exposed until after the inspection. Hydronic systems must be tied in place and left fully exposed until after the inspection.)
- **UNDER SLAB ELECTRICAL INSPECTION** (Any electrical systems that are to be covered by concrete must be left totally exposed and inspected before covering. This includes ground wiring going to ground rods. Note: Ground rods must remain accessible, do not pour concrete over ground rods.)
- **LOG AND BEAM GRADING INSPECTION** (This inspection is to be done for all logs and rough-cut beams when they are delivered to the site and before they are installed. Note that each piece of lumber must have a visible ink stamp from a nationally recognized 'lumber grading' organization.)

- **EXTERIOR SHEATHING INSPECTION** (This inspection is required to be done prior to any material being installed over the structural sheathing of the structure. This inspection includes approval of the proper sized and space fasteners. Note that the fasteners are approved to be driven flush only. Counter sinking fasteners may require the exterior sheathing to be re-fastened or replaced.) This inspection will be done with the 4-WAY ROUGH INSPECTION if possible.
- **4-WAY ROUGH INSPECTION** (This inspection is to be done before any insulation is installed. All rough framing, electrical, heating, air-conditioning, and plumbing should be complete. The project should be ready for insulation and sheetrock before calling for this inspection. All plumbing should have either a water or air test ready for inspection at this time)
- **FUEL GAS PIPE INSPECTION** (This inspection requires a meter clearance report, gas line sizing report and an air pressure test.) This inspection will be done with the 4-WAY ROUGH INSPECTION if possible.)
- **POWER-TO-PANEL INSPECTION** (This inspection is done when the electrical wire is complete enough for circuits to function properly as soon as the power company meters (or energizes) the meter base. All grounding systems must be in place at the time.)
- **INSULATION INSPECTION – UPON REQUEST** (This inspection is done after the walls and floors (including the basement and crawlspace) and have been insulated as required by the approved C.A.B.O energy analysis and before any sheetrock or wall covering of any kind has been applied.)
- **FINAL INSPECTION** (This inspection is done when all items are complete, and the structure is ready to be occupied. Note that there is to be no personal items in the structure at the time and until occupancy has been issued to the structure.)

**NOTE:** Remember to have all approved plans, including – Engineering, calculations, plot plan, building plans, specifications, stamped truss sheets, etc. on site for each required inspection.