



Important tips for meeting minimum required 2015 codes with state required IECC:

- Address displayed at road when work starts and permanent address at road at final
- Ensure windows meet code for egress size and tempered requirements; Bedroom windows have height, size and safety requirements depending on location to walking surface and exterior grade.
- Insulation: walls R13; ceilings and attics R38 where full height uncompressed R38 covers top plate; floor R19; fenestration U-factor 0.35 or less. R19 in walls provides higher efficiency
- Footings: continuous steel in corners; Double steel where rock meets dirt; No steel touching dirt; No loose dirt in footings; Clean out rocks, grass, debris from crawl area
- Passive radon system in all foundations/slabs-example flyer available
- Sleeve ALL supply and DWV lines penetrating foundation walls and slab turndowns
- Garage stem walls must have reinforcement steel
- Windows and doors require pans or pans made from flashing tape. Solid piece of tape around the bottom and 6" up the sides of framed window openings and doors prior to setting/hanging.
- Put house wrap inside top channel of window frame – flyer example available
- Roof plumbing vent boots installed prior to rough-in plumbing inspections
- Bathroom exhaust fan ducts-only rated flexible aluminum or solid metal installed prior to rough-in mechanical or plumbing inspections. Ducts concealed between floors or in walls must be solid, smooth metal.
- Drip edge at all eaves, rakes and gables
- Tempered windows within 60" of shower, tub, sauna
- Freestanding ranges install anti-tip bracket
- Kick-out flashing where eave of roof intersects a wall
- 36" deep landing at exterior doors with 3 or more risers
- Metal roofs must have screws on both sides at eaves, ridge and end laps (see illustration above)
- Tempered glass required in windows on hinge side of ark of door both perpendicular and adjacent
- Air testing of waste lines (DWV) not permitted- use standpipe test 5' above highest wall joint
- All outdoor decks require an outlet; Outlets required at front and back of home
- Foyers over 60sqft in size require an outlet
- All top and bottom through plate penetration must be sealed at time of rough-in inspection
- Vertical and horizontal cavities must be separated with firestop blocking
- Insulation inspection: Caulk/Seal all window & exterior door openings, framing joints, inside around perimeter at headers, T's, base-plate and corners.
- Install metal nailer plates to protect plumbing running in the walls
- Unfaced insulation & a moisture barrier installed at exterior wall tubs and showers during framing
- Vertical attic access – must be insulated or meet fenestration values, weather-stripped
- Horizontal attic access -weatherstripping and R-value equivalent to surrounding space
- Door between garage and dwelling must be solid and meet code rating and must be self-closing
- HVAC ducts must be sealed at joints, seams and connections and pressure tested either at rough-in or post-construction- written report from 3rd party tester signed and given to building official
- Permanent energy certificate/label affixed to inside of supply panel stating R-values of insulation in walls, ceiling, slab, crawl, floor, ducts, etc- self-adhesive energy labels available at office.
- Blower door testing (<7ACH), duct leak testing (<4%)
- **Each hallway** to bedroom(s) requires a smoke detector (split bedrooms require detectors outside ***each set of*** bedrooms) CO detector required in hallways when Gas appliance or attached garage is present.
- Garage door opener safety pressure reverse (closing force) properly set
- Attic pull down stairs cannot be installed with deck screws; ¼"x3" lags or 3"-16D nails.
- All homes require structural sheathing or bracing to meet code.
- Barn-da-miniums and the like require firewall separation.

