

TEMP POLE/SERVICE INSPECTION

- Post is properly secured.
- Meter base is secure
- All back-fed devices properly secured
- All connections are tight
- Main located at nearest point of entry for service
- Sub-fed panel locations have isolated neutral & ground busses &
- Neutrals are identified with white markings
- Ground is properly identified
- Wiring is correctly sized for the over current protection device
- Approved types of lugs & screws are used for grounding & bonding
- Grounding electrode conductor connected to neutral buss
- Proper ground rod min. 5/8" ss, copper or zinc otherwise 3/4"
- Intersystem bonding terminal installed
- Panel bonding screw or jumper is present / ground rod has 8' of contact with earth with min. #6 awg copper wire / metal water pipes/concrete encased electrode/ metal veneers and/or fixtures are
- Panel cover is securely installed
- Raceway sealed (Fire caulk or duct seal)

PRE—FOOTING INSPECTION

- Footings/Trenches are on virgin soil, free of standing water and loose debris. **ACI 332-10 6.2.4**
- Footings/Trenches are proper depth & width for proposed structure. **ACI 332-10 7.2.1.1/7.2.1.2**
- Top of footing is 36" minimum below finished grade. **R403.1.4.1/Table R301.2.(1)**
- Re-bar is bent around corners. **ACI 332-10 8.2.8(f)**
- Proper overlap of re-bar. **ACI 332-10**
- Re-bar for wall-to-footing connection on-site or keyway. **ACI 332-10 7.3.4**
- Isolated piers depth width with rebar **ACI 332-10 Table 7.3**
- Concrete encased electrode. **NEC 250.52**
- Anchor bolts of proper size & diameter on-site. **R403.1.6**

FOUNDATION INSPECTION

- Vertical rebar size & spacing **ACI 332-10 Table A.1**
- Horizontal rebar. Number of bars and location. **ACI 332-10 8.2.8**
- Re-bar on site for reduced wall thickness (extends 12" into thicken area) **ACI**
- Re-bar for reentrant corners (openings & footing jumps) **ACI 332-10 8.2.10**
- Type of wall-to-footing connection used. **ACI 332-10 7.3.4**
- Re-bar is bent around corners. **ACI 332-10 8.2.8(f)**
- Proper overlap of re-bar. **ACI 332-10 8.2.8(e)**
- Concrete encased electrode. **NEC 250.50**
- Anchor bolts of proper size & diameter on-site. **ACI 332-10 8.2.5.1(a-e)**
- Re-bar for block wall size & spacing. **IRC Table 404.1.1(2)(3)(4)**

BUILDING FRAMING

Termite & Decay Protection

- Untreated wood off ground, only treated wood may touch concrete surface. **R317.1.2**

Floor & Ceiling Framing

- Bearing Points - at least 1-1/2" on wood and 3" on masonry. **R502.6**
- Joist Overlap - 3" minimum. **R802.3.2**
- Bored Holes - less than 1/3 depth and not within 2" of top, bottom or another hole. **R502.8.1**
- Notches - None in the middle 1/3 of joist, 1/6th the depth and 1/3 length. **R502.8.1**
- Joists, Plates and Hangers, properly nailed. **R802.3.1**
- Ceiling joists - Properly nailed to rafters and plates. **R802.3.1**
- Header Framing - double header and trimmer joists if over 4' span & hangers must be used if span is greater than 6'. **R502.10**
- Load Bearing - loads properly carried to the foundation.
- Fire blocking - stair landing, walls exceeding 10', concealed spaces & fireplaces. **R302.11**

Wall Framing

- Top Plates - double with 24" offset OR single with steel strap connectors. **R602.3.2**
- Stud to Joist Alignment. **R602.3.3**
- Bearing & Exterior Wall Borings - 40% - 60% bores must be doubled. Holes not closer than 5/8" to framing surface. **R602.6**
- Headers properly sized. **R602.7**
- Anchor bolts properly spaced and secured. **R403.1.6**
- Penetrations sealed. **R302.11**
- Wall bracing - All walls properly braced. **R602.10**

Windows

- Egress - Proper size, height and location. **R310**
- Fall protection for windows less than 24" and above grade. **R312.2.1**
- Safety Glazing in Hazardous Location - stairs, door swing, bath/shower areas & less than 18". **R308.4**

Roof Framing

- Notches (rafters) - no notches on tension side. **R802.7**
- Ridge Brd (rafters)-at least 1" thick & same depth as cut of rafters. **R802.3**
- Rafter overhang does not exceed 24". **Table 802.11**
- Rafter ties where ceiling joists are not connected to the rafters. **R802.3.1**
- Trusses - no cuts or alterations. **R802.7.2**
- Trusses properly braced. **R802.10.3**
- Hurricane Ties - on all truss to exterior walls with all holes filled. **R802.11**

MECHANICAL—ROUGH IN

- Hydronic piping tested prior to placement of concrete.
- Building cavities are not to be used as supply ducts.
- All ductwork to be sealed and properly supported
- Dryer vent length doesn't exceed 35', unless manf. specs differ.
- Discharge of exhaust clearance from openings
- Duct blast test results if applicable.

ELECTRICAL—ROUGH IN

- Proper location and clearance of the electrical panel. **IRC E3405**
- Lighting for electrical panel. **E3405.6**
- All Romex connectors & bushings properly installed.
- Holes in joist shall not be within 2" top, bottom or another hole. **R502.8.1**
- Holes not located closer than 5/8" to framing surface.
- Nail protection plates for holes less than 1-1/4" from the end of member.
- Protection of wires located closer than 1 1/4" to framing surface.
- Panel bonding screw or jumper is present / ground rod has 8' of contact with earth sized to largest conductor copper wire / metal water pipes/concrete encased electrode/ metal veneers and/or fixtures are bonded to ground.
- Low voltage and high voltage in separate boxes.
- Cables stapled 12" of boxes & 4-1/2" thereafter with splices in proper boxes correctly connected and tightened.
- Conductors spliced properly in boxes with appropriate connectors.
- Receptacle Outlets on outside of dwelling (one front and one rear).
- 1/4" minimum amount of Romex sheath shown in box.
- Cables are protected 6' min of attic access.
- Approved cover requirements have been met (buried or encased).
- Outlet spacing, switch locations, fan boxes, floor boxes, etc. are correct.
- Hallways > 10' must have an outlet, light, and switch at both ends.
- Stairs with 6 riders or more must have light and 3 way switches top and bottom.
- Interconnected smoke detectors in all sleeping rooms.
- Interconnected CO detectors in the immediate vicinity of sleeping rooms.
- No boxes or cables in return air plenums.
- Recessed light fixtures are properly rated.

Garages and Basements

- One outlet minimum excluding laundry area.
- Lighting for stairs.
- Required wall switched light installed.
- Light on exterior side of man door.
- First 6" above garage floor free of panels and receptacles

Kitchen

- Area wired with 12 awg copper
- In Kitchens, Pantry, Breakfast Rooms, Dining Rooms, etc. two or more small appliance circuits only supply recept. outlets & refrigeration
- Hood vent not on small appliance circuit
- Disposal and dishwasher on separate circuits
- Range supplied with 3-conductor cable w/ ground (30A-10, 50A-8)
- One outlet (minimum) for peninsular & fixed island countertops
- Receptacle wall outlets for countertop spaces greater than 12" are spaced so

Bathroom

- Separate circuit breaker for receptacle or recept & lights per room
- Whirlpool tub motor bonded
- Area wired with 12 awg copper

Laundry Areas

- Area wired with 12 awg copper
- Clothes dryer wired with 10awg wiring 3 conductor cable w/ ground

**RESIDENTIAL
BUILDING CODE
GENERAL INSPECTION
GUIDELINES**

**SPECIFIC RESIDENTIAL
PROJECTS**



This brochure is designed to inform all individuals of the general required inspections relating to *Specific Residential Projects* permitted under the Tazewell County Building and Property Maintenance Code that will be needed during the time of construction.



Please note, depending on the structure and circumstance there may be additional

required inspections. Also remember that the Community Development Department will need *twenty-four (24) hour advanced notice* to schedule the inspections.



Please contact Jaclynn Workman, Inspections Coordinator at (309) 477-2235 to schedule your inspection.

Detached Structures

(Sheds or Garages or Pole Buildings over 200 sq. ft.)

- Footing (prior to concrete placement)
- Foundation (prior to concrete placement) If slab on grade, footing/floor combo inspection)
- Rough-In (All that apply; Framing, Electrical, etc.)
- Finals (may be done with rough-in, if no mechanicals)

Porches

- Pier or Footing
- Framing (and Electrical if applicable)

Decks

- Pier (prior to concrete placement and posts installation)
- Framing
- Final (Framing and Final may be conducting jointly if 36' or more above grade.)

Carports



- Final (verify proper attachment based on manufacturer)

Pools

- Rough-in, if underground work is taking place prior to covering.
- Final (Installation of proper safety measures; approved power safety cover, fence, self-latching gate, removable/retractable ladder, etc.)

**TAZEWELL COUNTY
COMMUNITY DEVELOPMENT**
11 S FOURTH ST. 4TH FLOOR MCKENZIE BLDG.
PEKIN, IL 61554
PHONE 309-477-2235 / FAX 309-477-2358
EMAIL: KDEININGER@TAZEWELL.COM

● **REMEMBER** ●

It is **your** responsibility to call for the required inspections. If you are unsure whether or not an inspection is required, please contact the Department for assistance.



Failure to call for required inspections or to call at the appropriate point during construction may result in delays of the project or potentially additional fees if excessive inspections are needed.

**DUE TO THE NATURE OF
SOME REQUESTS, AN
INSPECTION MAY BE
REQUIRED PRIOR TO PERMIT**



- **Kristal Deininger**, Community Development Administrator
- **Jaclynn Workman**, Inspections Coordinator
 - **Glen Gullette**, Building Inspector
 - **Melissa Kreiter**, Administrative Assistant
 - **Judy Searle**, Assistant