

**RESIDENTIAL ELECTRIC SERVICE & PANELS REGULATIONS**

Questions call: Dave Carlson (815) 979-6010

Inspection Fees:  
 Electrical for garage, deck, shed, porch and pools: \$35.00  
 Electrical Upgrade: \$35.00  
 Additional fees apply for multiple return inspections.

All electrical work to be installed in conformance with the ICC Electrical Code 2000 plus any amendments and the entire Village of Pecatonica Codes and Ordinances plus any amendments.

**ENTRANCE CABLE**

- May be types SE and USE
- Entrance cable to be rated the same as main breaker size
- Main breaker panel, meter base and entrance cable to be compatible

**CONDUCTOR SIZES**

COPPER AWG	COPPER CLAD OR ALUMINUM AWG	RATING IN AMPS	GROUNDING CONDUCTOR	
			COPPER	COPPER CLAD ALUMINUM
4	2	100	8	6
2/0	4/0	200	4	2

**UNDERGROUND COVER REQUIREMENT**

- Direct burial cables or conductors: 24"
- Under driveways: 18"
- Metal conduit: 6"
- Non-metallic conduit: 18"

**OVERHEAD SERVICE CLEARANCE**

Finish Grade Driveways	Streets, Alleys, Roads	Above Roof	Horizontal Clearances from windows, doors, porches, etc.
12'	18'	8'	3'

The inspector measures all horizontal and vertical clearances when inspecting services. The above listings are minimum measurements.

GROUNDING

- 2 – 8’ ground rods spaced 6’ apart with continuous grounding conductor property sized, driven flush or below grade unless protected from physical damage.
- Grounding conductors not protected from physical damage to be in metal conduit, non-metallic conduit, and electrical metallic tubing or cable armors.

LOCATION

CALL J.U.L.I.E. (1-800-892-0123) PRIOR TO DIGGING

- All meter bases to be installed outside, accessible to meter reader, subject to electrical engineer’s approval.
- The height of meter base to be a minimum of 4’8” to 5’6” to center of meter.
- Duplex, apartment houses, etc. shall have banked meters.

ITEMS TO SUBMIT WITH COMPLETED APPLICATION

- Site plan showing location of detached garages, sheds, fences, gates, pools and all meters and location of utility service pole or transformer.

INSPECTIONS

**INSPECTIONS ARE SCHEDULED FOR A.M. OR P.M.,  
MONDAY THROUGH FRIDAY WITH A 24-HOUR ADVANCE NOTICE.**

- Final Inspection
- Work must begin within 6 months of issuance of permit
- Permit is valid for 2 years from date of issuance
- Give permit number and address when calling in for inspection

I HAVE READ AND UNDERSTAND THE AFORMENTIONED REQUIREMENTS AND  
AGREE TO COMPLY WITH SAME.

Applicant: \_\_\_\_\_ Phone # \_\_\_\_\_

Address: \_\_\_\_\_

Project: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_