



City of Peru Building Commissioner

Building and Zoning Department
35 S. Broadway
Peru, IN 46970

ELECTRICAL TEST STUDY GUIDE

TAKING THE TEST:

- You can take the test from 8am-1pm Monday, Tuesday, Thursday, Friday or between 8am-9am on Wednesdays.
- There is 180-minute/3-hour time limit for completion of the test.
- Please complete the application page and sign before leaving.
- The test is an open book exam taken from the **2017 NEC Code book**.
- **The City of Peru will provide the NEC Code Book to be used during testing.** The book is used to reference the answers you give with page paragraph sub-par. The code book may be used for reference during the test for section one only.
- The second section of the test is **closed book** and references the Peru Utilities requirements. The study guide for the local requirements **MAY NOT** be referenced during the test.
- **A minimum score of 80% is REQUIRED on each portion of the test.**
- **No cell phones, pamphlets, booklets or other documents will be allowed in the testing area other than those provided by the City of Peru.**

When you complete the test, it will be graded. Please allow 24-hours results to be sent to you. If you pass, we will request that the Board of Works grant you Electrical Contractor status. The Board meets twice a month. Be sure to ask when the next meeting is.

When approved by the Board of Works, you will be able to register as an Electrical Contractor.

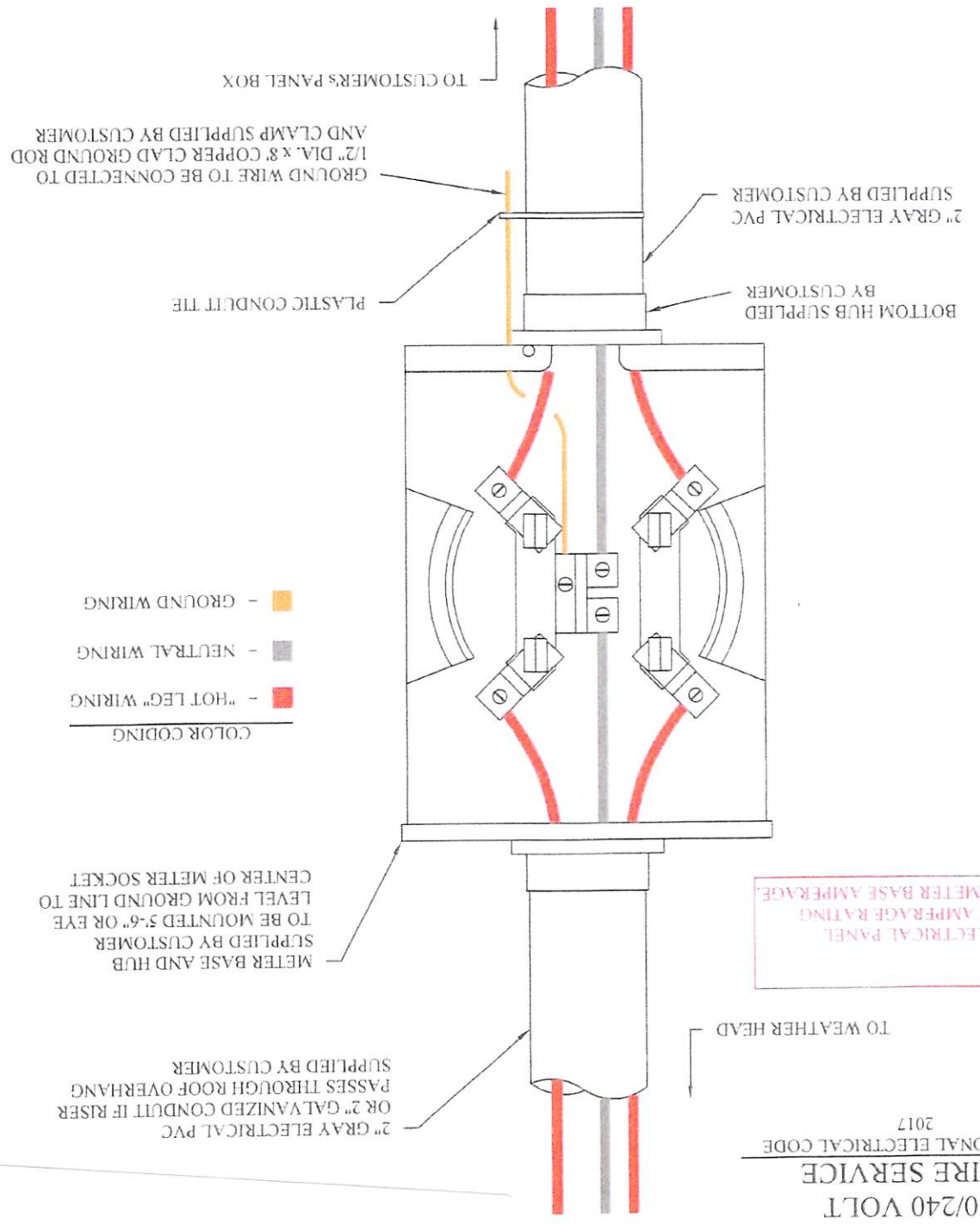
- You will be required to bring a Certificate of Insurance for not less than \$100,000 coverage when you pick up and pay for your license.
- The cost of the license is \$25.00. Licenses run from January 1 to December 31 yearly.
- If you fail to renew for three years in a row, you will have to retake the exam.

IF YOU MUST RETAKE THE TEST, YOU MUST WAIT 7 BUSINESS DAYS BETWEEN ATTEMPTS.

Weatherhead to be mounted 18 inches from top of roof.

100 & 200 AMP OVERHEAD
 120/240 VOLT
 3 WIRE SERVICE
 PER NATIONAL ELECTRICAL CODE
 2017

NOTE:
 CUSTOMERS ELECTRICAL PANEL
 MUST HAVE AN AMPERAGE RATING
 EQUAL TO THE METER BASE AMPERAGE.

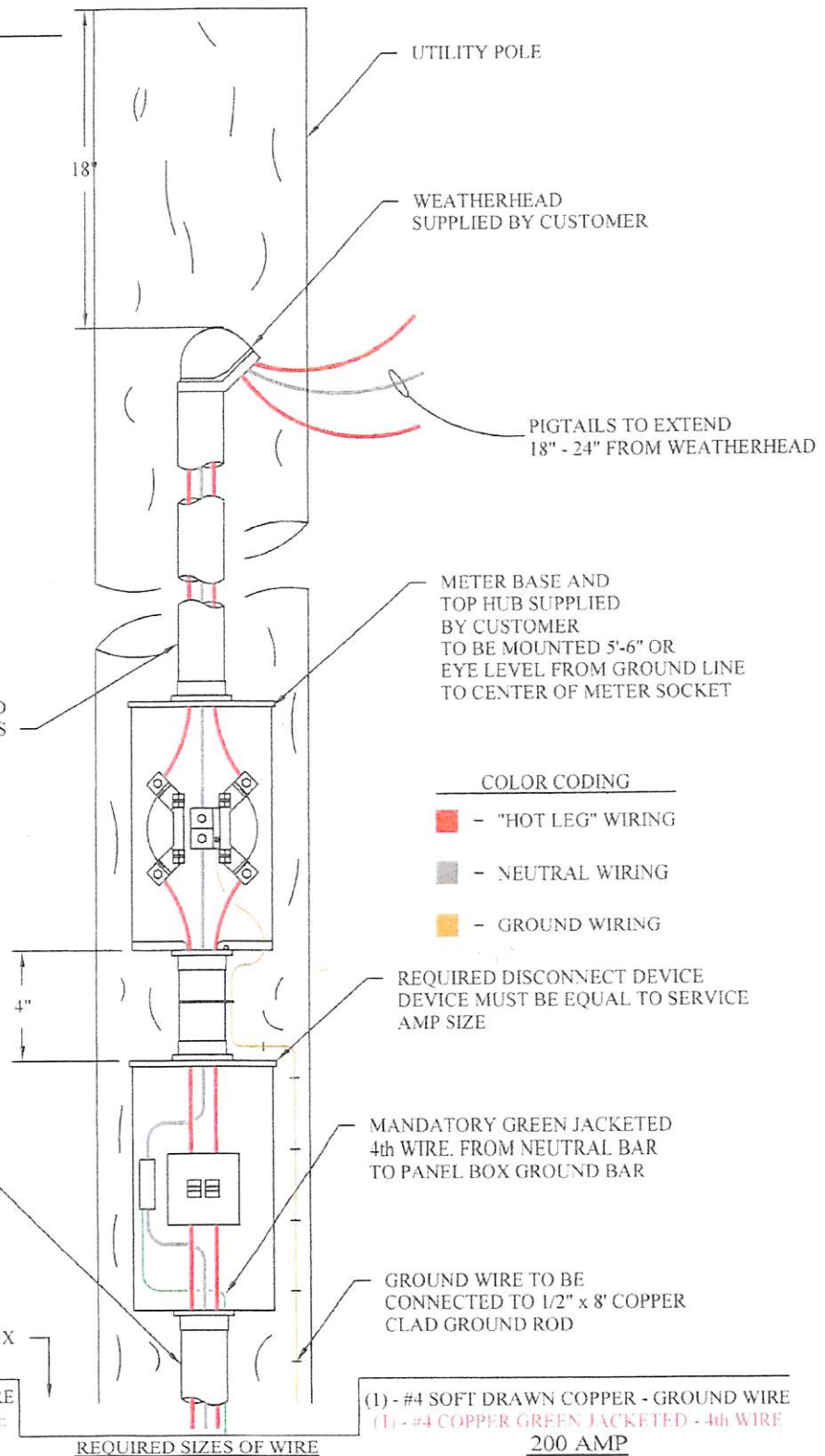


100 AMP		200 AMP	
REQUIRED SIZES OF WIRE			
ALUMINUM	(1) - #2 ALU. "HOT LEGS"	ALUMINUM	(2) - #0 ALUMINUM "HOT LEGS"
COPPER	(2) - #4 SOLID CU. "HOT LEGS"	COPPER	(2) - #2 COPPER "HOT LEGS"
ALUMINUM	(1) - #2 ALU. NEUTRAL	ALUMINUM	(1) - #0 ALUMINUM NEUTRAL
COPPER	(1) - #4 SOLID CU. NEUTRAL	COPPER	(1) - #0 COPPER NEUTRAL
ALUMINUM	(1) - #6 CU. SOFT DRAWN GROUND WIRE	ALUMINUM	(1) - #4 CU. SOFT DRAWN GROUND WIRE

MOBILE HOME/MODULAR HOME
 100-200AMP, 120/240 VOLT, 3 WIRE
 OVERHEAD SERVICE
 MOUNTED ON POLE

PER NATIONAL ELECTRICAL CODE
 2017

NOTE:
 ELECTRICAL PANEL BOX MUST
 HAVE AN AMPERAGE EQUAL TO
 THE AMPERAGE OF THE METER
 BASE.
 ALSO, MANDATORY DISCONNECT
 MUST BE EQUAL IN AMPERAGE
 SIZE TO THE MAIN DISCONNECT
 IN THE ELECTRICAL PANEL.



COLOR CODING
 ■ - "HOT LEG" WIRING
 ■ - NEUTRAL WIRING
 ■ - GROUND WIRING

(1) - #6 SOFT DRAWN COPPER - GROUND WIRE
 (1) - #4 COPPER GREEN JACKETED - 4th WIRE

(1) - #4 SOFT DRAWN COPPER - GROUND WIRE
 (1) - #4 COPPER GREEN JACKETED - 4th WIRE

100 AMP
ALUMINUM (2) - #2 ALU. "HOT LEGS"
COPPER (2) - #4 SOLID CU. "HOT LEGS"
 (1) - #2 ALU. NEUTRAL (1) - #4 SOLID CU. NEUTRAL

200 AMP
ALUMINUM (2) - 4/0 ALUMINUM "HOT LEGS"
COPPER (2) 2/0 COPPER "HOT LEGS"
 (1) 2/0 ALUMINUM NEUTRAL (1) 1/0 COPPER NEUTRAL

REQUIRED SIZES OF WIRE

TO HOME PANEL BOX