

Residential Electric Service Description

The Ashtabula County Building Department does not issue approvals/permits for new replacement or repair of electrical services for Campers, Travel Trailers, Park Model Trailers, Mobile Homes or similar uses that are not supplied or fed from Buildings or Structures. These type uses are outside the scope of the Residential and Non-Residential Code.

Owners of Commercial and Residential buildings that need a Service Inspection not regulated by the Building Department are advised to contact a licensed State of Ohio Electrical Safety Inspector (as stated in the Ohio Revised Code, Section 3783.06) for them to inspect the documentation to the respective utility company for installing of electrical meters.

Please see the following helpful information:

- Contact the Illuminating Company 1-800-589-3101 to obtain a 9 digit Work Order Number.
OR
Contact Ohio Edison 1-800-447-3333 to obtain a 9 digit Work Order Number.
- Contact a State of Ohio Certified Electrical Safety Inspector and provide them with your 9 digit Work Order Number.

Jobsite Address: _____
Street Address & City/Township

SERVICE DESCRIPTION

Project Scope: Temporary Service Permanent Service) New Repair Replacement Upgrade from _____ Amp to _____ Amp

Location: Overhead Underground) (Direct Bury Wire Depth _____ inch) or (Conduit Size _____ inch & Depth _____ inch)

Distance From Utility Connection to Meter Base: Distance _____ ft.

Phase: Single Phase Other _____ **Voltage:** 120/240V Other _____

Amperage: 100 Amp 200 Amp 400 Amp Other _____ Amp

Main Distribution Panel Location: Garage Basement Addition Utility Room Pedestal Pole Other _____

Wire Size & Type: Service Conductors _____ [Wire Size] Copper Aluminum

RHW RHW-2 SE THHW/TWH/THWN THW-2/THWN-2 UF USE USE-2 XHWN

XHHW/XHHW-2/XHWN-2 Other _____

Grounding Electrode System (NEC 250.50)

All grounding electrodes as described in 250.52(A)(1) through (A)(7) that are present at each building or structure served shall be bonded together to form the grounding electrode system. Where none of these grounding electrodes exist, one or more of the grounding electrodes specified in 250.52(A)(4) through (A)(8) shall be installed and used.

Describe system: (check all that apply)

- Metal Underground Water Pipe Ground rod **AND** Supplemental Ground rod 6' Apart Min.
 Concrete Encased Electrode Other _____

Grounding Electrode Conductor #1 _____ [Wire Size] Copper Aluminum

Grounding Electrode Conductor #2 _____ [Wire Size] Copper Aluminum

Continuous Grounding Electrode Conductor. (NEC 250.64 C)

Grounding electrode conductors shall be installed in one continuous length without a splice or joint. Will comply

Warning Ribbon. (Underground Installations Only) (NEC 300.5 (D) (3))

Underground service conductors that are not encased in concrete and that are buried (18") or more below grade shall have their location identified by a warning ribbon that is placed in the trench at least (12") above the underground installation.

- Warning Ribbon will be used. Warning Ribbon will **NOT** be used.

Bonding for communication systems. (NEC 250.94 B)

Connections to an aluminum or copper bussbar not less than ¼" thick X 2" wide and of sufficient length to accommodate at least 3 terminations for communication systems in addition to other connections. The busbar shall be securely fastened and shall be installed in an accessible location.

Exception: Means for connecting intersystem bonding conductors are not required where communications systems are not likely to be used.

- Bonding for communications systems will be used. Bonding for communications systems will **NOT** be used.

Printed Name _____

Date _____