

Ohio Residential Plan Submittal Form *(Overhead Electrical Service)*

Address of Project	City	Project Description		
Contractor/DBA	Address	State License No	Phone No	Cell Phone No
Owner	Address	Phone No		Cell Phone No

Electrical Design

Panel Location in dwelling (Basement, Garage, etc.)	Size of Service in Amperes: (Check one below)				NEC 310-15 Conductor Sizes 120/240 VOLT 3-Wire, Single-Phase, Dwelling Services/Feeders
	Copper	Aluminum	Service Rating		
<input type="checkbox"/>	4 AWG	2 AWG	100 Amps		
<input type="checkbox"/>	1 AWG	2/0 AWG	150 Amps		
<input type="checkbox"/>	2/0 AWG	4/0 AWG	200 Amps		

Electrical Service Requirements

This information is not intended as a design specification or as an instruction for untrained persons.

NEC 110.3 All electrical equipment shall be installed and used in accordance with the listing requirements and manufacturer's instructions.

NEC 250.50 All grounding electrodes that are present at each building or structure served shall be bonded together to form the grounding electrode system. Conductor size per NEC 250.66.
NEC 250.52 Permitted Electrodes include:
 1. Metal underground water pipe in direct contact with earth for 10 feet or more
 2. Metal frame of the building
 3. Concrete-encased electrode
 4. Rod, pipe & plate electrodes

NEC 230.66 Service equipment shall be marked to identify it as being suitable for use as service equipment.

NEC 230.70(A)(1) The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure or inside nearest the point of entrance of the service conductors

NEC 230.70(A)(3) Service disconnecting means shall not be installed in bathrooms.

NEC 230.71(A) & 230.72(A) The service disconnect shall consists of not more than six switches or six sets of circuit breakers. These switches or circuit breakers shall be grouped at one location.

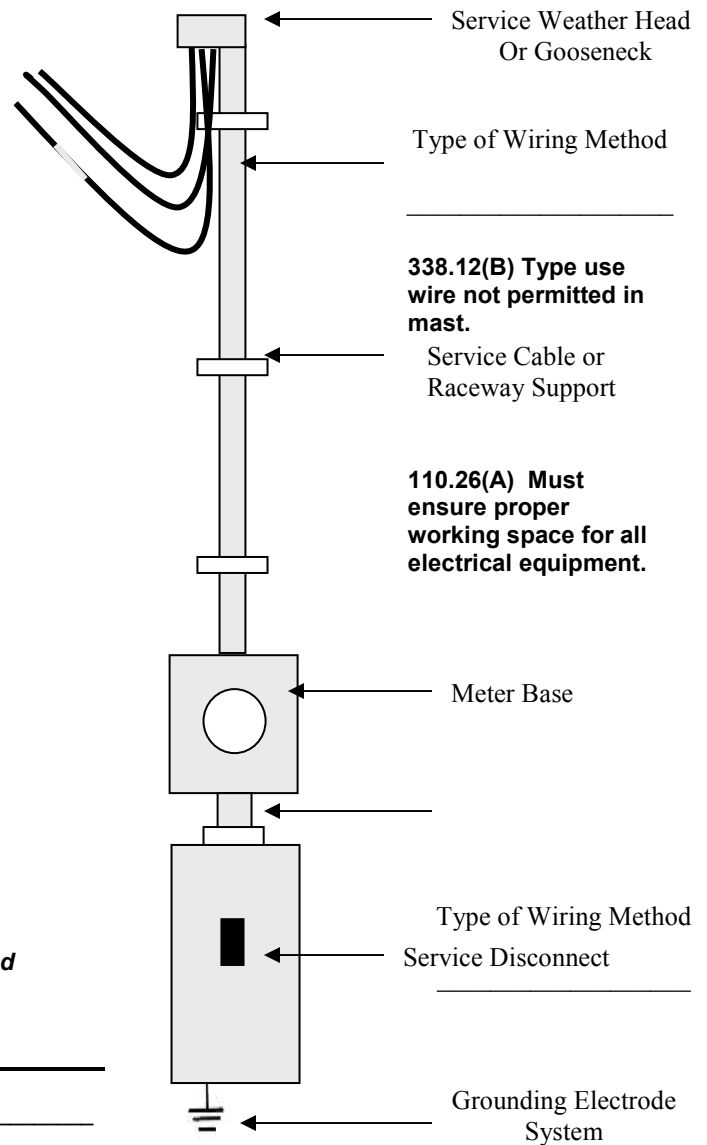
NEC 230.79(C) The service disconnect shall have a rating of not less than 100 amperes.

NEC 230.90 & 230.91 Each ungrounded service conductor shall have overload protection. The service overcurrent device shall be an integral part of the service disconnecting means or shall be located immediately adjacent thereto.

If Reconnect: Is panel in working order to code? **YES or NO**

If Upgrade: Is meter base serviceable? **YES or NO**

I hereby do certify that all information given above is correct and accurate and has been included as part of the submitted plans.



PRINTED NAME (Owner/Applicant) _____ TITLE _____

SIGNATURE _____ DATE _____