

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

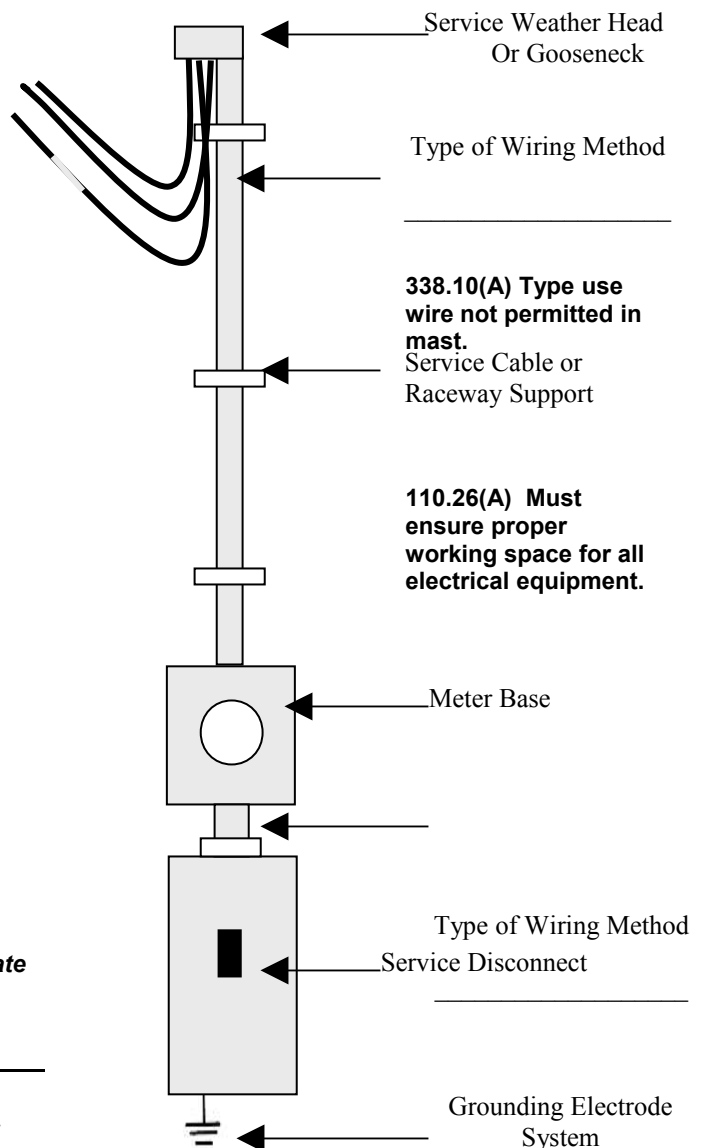
**Stark County Building Department**

110 Central Plaza,S., Ste 150. •Canton, Ohio 44702 • ph 330-451-1770 • fax 330-451-1779

<b>Address of Project</b>	<b>City</b>	<b>Project Description</b>		
<b>Contractor/DBA</b>	<b>Address</b>	<b>State License No</b>	<b>Phone No</b>	<b>Cell Phone No</b>
<b>Owner</b>	<b>Address</b>	<b>Phone No</b>		<b>Cell Phone No</b>
<b>Electrical Design</b>				
<b>Panel Location in dwelling</b> (Basement, Garage, etc.)	<b>Size of Service in Amperes: (Check one below)</b>			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Copper</b>	<b>Aluminum</b>	<b>Service Rating</b>	<b>NEC 310-15</b> Conductor Sizes 120/240 VOLT 3-Wire, Single-Phase, Dwelling Services/Feeders
	4 AWG	2 AWG	100 Amps	
	1 AWG	2/0 AWG	150 Amps	
	2/0 AWG	4/0 AWG	200 Amps	

## Electrical Service Requirements

<p><b>This information is not intended as a design specification or as an instruction for untrained persons.</b></p>
<p><b>NEC 110.3</b> All electrical equipment shall be installed and used in accordance with the listing requirements and manufacturer's instructions.</p>
<p><b>NEC 250.50</b> 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.</p> <p><b>NEC 250.52</b> Permitted Electrodes include:</p> <ol style="list-style-type: none"> <li>1. Metal underground water pipe in direct contact with earth for 10 feet or more</li> <li>2. Metal frame of the building</li> <li>3. Concrete-encased electrode</li> <li>4. Rod, pipe &amp; plate electrodes</li> </ol>
<p><b>NEC 230.66</b> Service equipment shall be marked to identify it as being suitable for use as service equipment.</p>
<p><b>NEC 230.70(A)(1)</b> 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</p>
<p><b>NEC 230.70(A)(3)</b> Service disconnecting means shall not be installed in bathrooms.</p>
<p><b>NEC 230.71(A) &amp; 230.72(A)</b> 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.</p>
<p><b>NEC 230.79(C)</b> The service disconnect shall have a rating of not less than 100 amperes.</p>
<p><b>NEC 230.90 &amp; 230.91</b> 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.</p>



**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 \_\_\_\_\_