

CITY OF MIDDLEBURG HEIGHTS

15700 Bagley Road – Middleburg Heights – OH - 44130



2013 Residential Code of Ohio (RCO) Systems Description Form

Electrical System Description a,b

<u>Service Size (Amps)</u>	<u>Size of Service Entrance Conductors</u>	<u>Panel Location(s)</u>	<u>Number of Sub-Panels</u>	<u>Location</u>
<input type="checkbox"/> 100 Amp <input type="checkbox"/> 200 Amp <input type="checkbox"/> Over 200 Amp				<input type="checkbox"/> Overhead No Underground Service Permitted

- a. A detailed electrical diagram for services over 200 amps may be required for review and approval.
- b. Detailed electrical and gas piping diagrams for generator installations may be required for review and approval.

HVAC System Description

<u>Heating Equipment Type, Size & Efficiency</u>	<u>Design Heat Loss (Btu/h)</u>	<u>Type of Fuel</u>	<u>Location of Equipment</u>
<input type="checkbox"/> Forced Air Btu/h _____ Eff. _____ <input type="checkbox"/> Boiler Btu/h _____ Eff. _____ <input type="checkbox"/> Heat Pump Btu/h _____ Eff. _____ <input type="checkbox"/> Electric kW _____ Eff. _____ <input type="checkbox"/> Geothermal kW (Btu/h) _____ Eff. _____		<input type="checkbox"/> Natural Gas <input type="checkbox"/> LP <input type="checkbox"/> Oil <input type="checkbox"/> Electric <input type="checkbox"/> Other _____	<input type="checkbox"/> Basement <input type="checkbox"/> Attic <input type="checkbox"/> Closet <input type="checkbox"/> Crawl Space <input type="checkbox"/> Outdoor

<u>Cooling Equipment Type, Size & Efficiency</u>	<u>Design Heat Gain (Btu/h)</u>	<u>Location of Equipment</u>
<input type="checkbox"/> AC Btu/h _____ Eff. _____ <input type="checkbox"/> Heat Pump Btu/h _____ Eff. _____ <input type="checkbox"/> Geothermal kW(Btu/h) _____ Eff. _____		<input type="checkbox"/> Outdoor <input type="checkbox"/> Other _____

<u>Area of Conditioned Space (sq. ft.)</u>	<u>Duct Size (Supply and Return)</u>
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Fuel Gas System Description

<u>Number of Fuel Gas Outlets</u>	<u>Size of Fuel Gas Main</u>	<u>Piping Materials</u>
		<input type="checkbox"/> Steel Pipe Sch. 40 <input type="checkbox"/> CSST <input type="checkbox"/> Other _____

Plumbing System Description

<u>ITEM</u>	<u>No.</u>	<u>ITEM</u>	<u>No.</u>	<u>ITEM</u>	<u>No.</u>
Water Closet		Laundry Tub		Pressure Reducing Valve	
Lavatory Sink		Floor Sink		Garbage Disposal	
Hot Tub		Sump Pump		Clothes Washer	
Kitchen Sink		Floor Drain		Dishwasher	
Bathubs/Shower		Hot Water Heater		Backflow Device	
Water Heater:	Location:	<input type="checkbox"/> Basement	<input type="checkbox"/> Garage	<input type="checkbox"/> Attic	<input type="checkbox"/> Other
	Fuel Type:	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Electric	<input type="checkbox"/> Other	
	Capacity	BTU:	Gallons:	<input type="checkbox"/> Tankless	
Water Service:	Type:	<input type="checkbox"/> Copper	<input type="checkbox"/> PVC/Plastic	<input type="checkbox"/> Other	
	Size:	<input type="checkbox"/> 3/4"	<input type="checkbox"/> 1"	<input type="checkbox"/> 1-1/4"	<input type="checkbox"/> 1-1/2" <input type="checkbox"/> 2"

Isometric Plan: