

## 2019 Residential Code of Ohio (RCO) System Description Form

Applicant/General Contractor: \_\_\_\_\_ Homeowner: \_\_\_\_\_

Office Phone #: \_\_\_\_\_ Cell #: \_\_\_\_\_ Homeowner Phone #: \_\_\_\_\_

Applicant Email: \_\_\_\_\_

Project Description: \_\_\_\_\_

Address of Project: \_\_\_\_\_ City/Township: \_\_\_\_\_

### Electrical System Description

**Note:** Provide a detailed electrical diagram for services over 200 amps for review and approval. (See electrical fee schedule)

Service Size (Amps)	Size of Service Entrance Conductors	Panel Location(s)	Number of Sub Panels	Service Type
100 Amp 200 Amp Over 200 Amp				Overhead  Underground

### HVAC System Description

For additions / alterations – Existing System, **Providing Duct Extensions Only.**

Heating Equipment Type, Size & Efficiency. For New or Replacement Systems			Design Heat Loss (BTU/H)	Type of Fuel	Location of Equipment
Forced Air	BTU/H _____	Eff. _____		Natural Gas	Basement
Boiler	BTU/H _____	Eff. _____		LP	Attic
Heat Pump	BTU/H _____	Eff. _____		Oil	Closet
Electric	BTU/H _____	Eff. _____		Electric	Crawl Space
Geothermal	KW (BTU/H) _____	Eff. _____		Other	Outdoor
Cooling Equipment Type, Size & Efficiency/ For New & Replacement Systems			Design Heat Gain (BTU/H)	Location of Equipment	
AC	BTU/H _____	Eff. _____		Outdoor	
Heat Pump	BTU/H _____	Eff. _____		Other _____	
Geothermal	KW (BTU/H) _____	Eff. _____			
Area of Conditioned Space (sq. ft.)			Duct Size (Supply and Return)		

### New Dwelling Mandatory Mechanical Ventilation (RCO 303.4)

Sizing and ventilation rates shall be the responsibility of the owner. Indicate below type of system being used.

Continuous whole house per RCO TBL 1505.4.3(1)

Intermittent whole house per RCO TBL 1505.4.3(2)

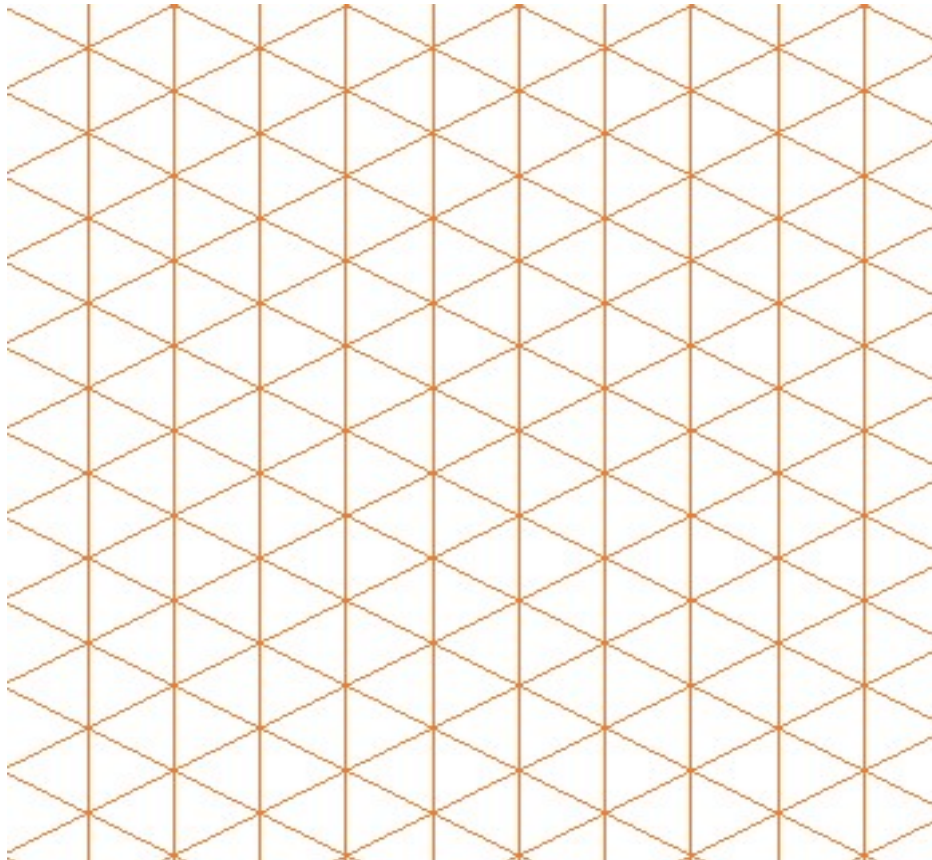
### Fuel Gas System Description

Number of Fuel Gas Outlets	Size of Fuel Gas Main

## Plumbing System Description

ITEM	Qty	ITEM	Qty	ITEM	Qty
Water Closet		Laundry Tub		Pressure Reducing Valve	
Lavatory Sink		Floor Sink		Garbage Disposal	
Hot Tub		Sump Pump		Clothes Washer	
Kitchen Sink		Floor Drain		Dishwasher	
Bathtubs / Showers		Hot Water Heater		Backflow Device	
Water Heater:	Location:	Basement	Garage	Attic	Other
	Fuel Type:	Natural Gas / Propane	Electric	Other _____	
	Capacity:	BTU:	Gallons:	Tankless	
Water Service:	Type:	Copper		PVC / Plastic	Other _____
	Size:	3/4"	1"	1 1/4"	1 1/2"    2"

**Isometric Plan:** (use separate sheet if needed)



For ease of review please use contrasting colors when drawing the isometric.