



CITY OF AVON

Building Department

36600 Detroit Road · Avon, OH 44011 · Phone (440) 937-7811 · Fax (440) 937-7824 · www.cityofavon.com

Residential Generator Permit Application Requirements

The following items must be complete, accurate and submitted in their entirety when applying for a generator permit.

- ✓ Submit a complete / signed **Zoning Permit Application**
 - A TOPO is not necessary but preferred for a description of where the generator will be located on the property.
 - **\$25.00 Zoning Review Fee**
- ✓ Submit a complete / signed **Building Permit Application**
- ✓ Include **(2) enlarged copies of a dimensioned drawing (site plan), of the following:**
 - Indicate the location of the electric service, service entrance, panelboard, transfer switch, and generator location.
 - Define the location of the electric meter, gas piping, gas meter or other utilities, around the generator.
 - Indicate A/C and disconnect location.
 - Indicate all other accessory structures. (A/C units, sheds, pool heaters, etc.)
 - Define any vent intake or exhaust openings within 10 feet of the generator's proposed location.
 - Indicate the generator set-back dimensions from the house and to the nearest property line.
 - Any other pertinent information that may be unique to the generator location.
- ✓ Submit the attached **Sub Contractor list.**
- ✓ Submit **(2) copies** of an electrical one-line diagram that includes the following:
 - Size, type, insulation rating of all conductors
 - Size of raceways or wiring method
 - Rating of all OCP's
 - Rating of all electrical equipment
 - Method, location and sizing of all bonding & grounding conductors
 - Any other pertinent information relating to the alteration of the existing service equipment.
- ✓ Submit **(1) copy of the manufacturer's cut-sheets.**
 - Indicate proper placement of the unit, BTU input, KW ratings, dB rating, base requirements. for the unit. All other pertinent information relating to the specific unit being installed.
- ✓ Submit **(1) copy of the electric load calculations.**
- ✓ Submit **(1) copy of the fuel consumption calculations.**
 - Complete the BTU consumption calculations.
 - Size of existing gas service
 - Size, make, and model number of the existing meter set.
 - If the existing service is undersized, confirmation from the gas purveyor that the service/meter will be upgraded to accommodate the new generator.
 - Piping method, size of piping and location of same to the generator from meter/source.

Fee: \$25.00 (Ord. No. 125-24)

Receipt # _____

By: _____



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Application for Zoning Permit ~ ZONING PERMIT PLAN REVIEW NUMBER _____

() Residential () Commercial () Industrial () Special Use () Variance

PROJECT DESCRIPTION / <i>The undersigned hereby applies for a permit to perform the following work:</i>		
<i>Total Square Footage (house /garage /other)</i>	<i>Construction Type:</i>	<i>Use Group:</i>
<i>Total Estimate Cost</i> \$		<i>(Note: This estimate will not affect cost of permit)</i>

PROPERTY INFORMATION / JOB SITE	
<i>Address:</i>	
<i>Permanent Parcel Number:</i>	<i>Zoning Classification:</i>
<i>Development Name, if applicable:</i>	

OWNER INFORMATION	CONTRACTOR INFORMATION
<i>Name:</i>	<i>Name:</i>
<i>Address:</i>	<i>Address:</i>
<i>City , State/ Zip Code:</i>	<i>City , State/ Zip Code:</i>
<i>Email:</i>	<i>Email:</i>
<i>Phone:</i>	<i>Phone:</i>

Signature of Applicant/Agent: _____ Date: _____

The above application for Zoning Permit has been reviewed for compliance with ACO Chapter 12, Planning & Zoning Codes

By _____
Jill Clements, Zoning Enforcement Officer

Date _____

By _____
Emily Hanson, C.B.O / Floodplain Administrator

Date _____

and was: () Approved () Denied () Referred to Zoning Board of Appeals () Other

ACO 1226.04 This Zoning Permit expires on _____ unless construction begun or an extension has been granted by the Zoning Enforcement Officer.

Description/Comments _____



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Date Received: _____

Plan Approval # _____

City Of Avon Application for Residential Plan Approval

PROJECT LOCATION: (RCO 107.2.2)

RCO 105.1 & 107.2

Street Address _____ Permanent Parcel # _____ S/L # _____

City _____ Zip Code _____ County _____

Is this project/building located in the flood plain?

___ Yes

___ No

Has the flood plain administrator been contacted for requirements?

___ Yes

___ No

SCOPE OF THE PROJECT: (RCO 107.2.1)

___ Building General ___ Raze ___ Electrical

___ Fence over 6' tall ___ Sprinkler System ___ Plumbing

___ Accessory Structure ___ Other : _____ ___ Mechanical

PROJECT DETAILS

Proposed Project Sq. Ft. _____

Garage Sq. Ft. _____

Basement Sq. Ft. _____

Estimated Cost for Project \$ _____

TYPE OF PROJECT:

___ New Building Construction ___ Alteration/Addition ___ Accessory Building ___ Repair/Maintain Replacement

___ Request Existing Bldg C of O

DESCRIPTION OF WORK:

BUILDING OWNER INFORMATION: (RCO 107.2.4) (Homeowner/Property Owner)

Name _____ Phone _____ E-Mail _____

Street Address _____ City _____ State _____ Zip _____

APPLICANT INFORMATION: (Owner or Owner's authorized agent) (RCO 107.2.4) (Contractor)

Applicant _____ Phone _____ E-Mail _____

Street Address _____ City _____ State _____ Zip _____

Signature Applicant/Agent: _____ Date _____

I hereby agree to the conditions of this Application for Building Permit and to comply with all Ordinances of the City of Avon, all Ordinance, and the Law of the State of Ohio, relating to work to be done there under.

APPROVED: _____ DATE _____

City of Avon Building Official

Permit Fee: \$ _____ OBBS 1% \$ _____

Occupancy Fee: \$ _____ Total Permit Fee \$ _____

NOTES:



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Address of proposed project _____

Street Number

Street Name

Sub Lot Number

Description of proposed project: _____

Example: Single family dwelling, deck, shed, patio, driveway

I do hereby understand that contractors & subcontractors whose work requires a permit are required to be bonded and insured and have a valid certificate of registration issued by the City of Avon for any project. I further understand that all general contractors, contractors and/or sub contractors that work on this project are required to be registered with the Regional Income Tax Agency prior to the issuance of any construction permits regardless of the project value.

Use of unregistered or unlicensed contractors or subcontractors may result in work stoppage, court citation or both.

Below are all of the subcontractors' that will work on this project:

TRADE	CONTACT	CONTRACTOR COMPANY NAME	EMAIL	PHONE NUMBER
GENERAL				
EXCAVATOR				
FOUNDATION				
WATERPROOFING				
ELECTRICAL				
PLUMBING				
FRAMING				
FINISHED FRAMING				
INSULATION				
DRYWALL				
ROOFING				
SIDING				
HVAC				
CONCRETE				
MASONRY				
LANDSCAPING				
FLOORING				
GARAGE DOORS				
PAINTING				
SECURITY				
OTHER				

****Whoever secures the permit for the above captioned project is also responsible in notifying the Building Department of any changes in contractor information as submitted above.***

Applicant's name printed: _____

Date: _____

Signature: _____



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Fuel Gas Calculations

Generator Information and Load Breakdown

<u>Natural Gas Load Calculations</u>	<u>BTU's</u>
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Max Generator Load per Specifications Sheet	_____
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Furnace	_____
---------	-------

Hot Water Tank	_____
----------------	-------

Dryer	_____
-------	-------

Fireplace	_____
-----------	-------

Other Natural Gas Appliance	_____
-----------------------------	-------

***Total Load:** _____

<u>Gas Meter Maximum Output in BTU's</u>	<u>*Must be confirmed by Gas Provider</u>
--	--

Gas Line Sizes & Length	_____
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Gas Line Materials	_____
--------------------	-------

Gas Meter & Model No.	_____
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Has Gas Purveyor been notified? Yes _____ No _____

Has Gas Purveyor confirmed house service pipe & meter is adequate?

Yes _____ No _____

- Attach any pertinent documentation.



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Electric Load Calculations

Generator Information and Load Breakdown

- ✓ Generator Manufacturer _____
- ✓ _____
- ✓ Generator Size _____ Kw
- ✓ Type of Transfer Switch – (Check One)
 - Automatic _____
(If automatic transfer switch, load breakdown required.)
 - Manual _____
- ✓ Fuel Type – (Check One)
 - Natural Gas _____ Propane _____
 - Diesel _____ Other _____
- ✓ Cooling System – (Check One)
 - Air Cooled _____ Liquid Cooled _____

Kitchen Appliances	Watts	Heating / Cooling	Watts
Refrigerator	_____	Central A/C	_____
Freezer	_____	Room A/C	_____
Dish Washer	_____	Furnace / Boiler	_____
Garbage Disposal	_____	Water Heater	_____
Range	_____	Electric Heater	_____
Microwave	_____		

Misc. Loads	Watts	Misc. Loads	Watts
General Lighting	_____	Kitchen Receptacles	_____
Smoke / CO2 / Fire Alarm (Required)	_____	Well Pump	_____
Sump Pump	_____	Sewer Ejector Pump	_____
Dryer	_____	Washer	_____
		Other Loads	_____

Total Watts _____ Total Generator Watts _____
Total Amps _____ Total Generator Amps _____

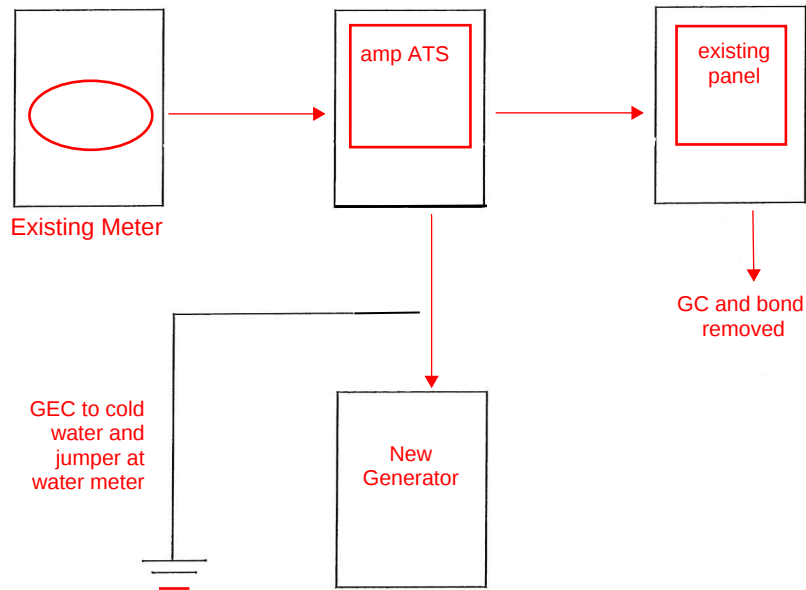


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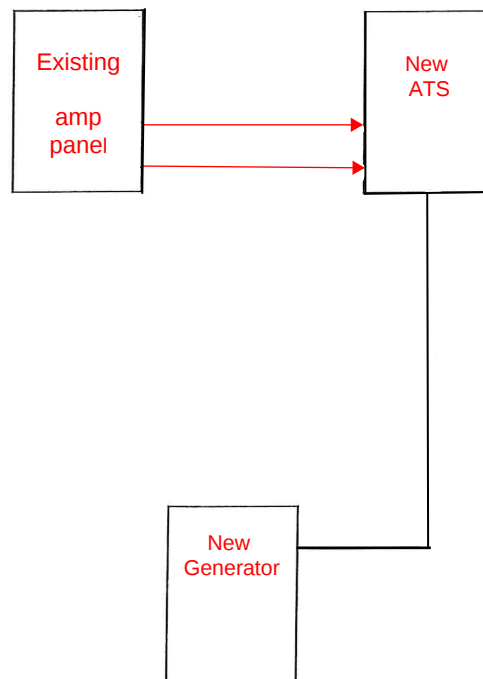
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Example of electrical one-line diagram for generator with whole house ATS:



Example of electrical one-line diagram for generator with limited branch circuits:

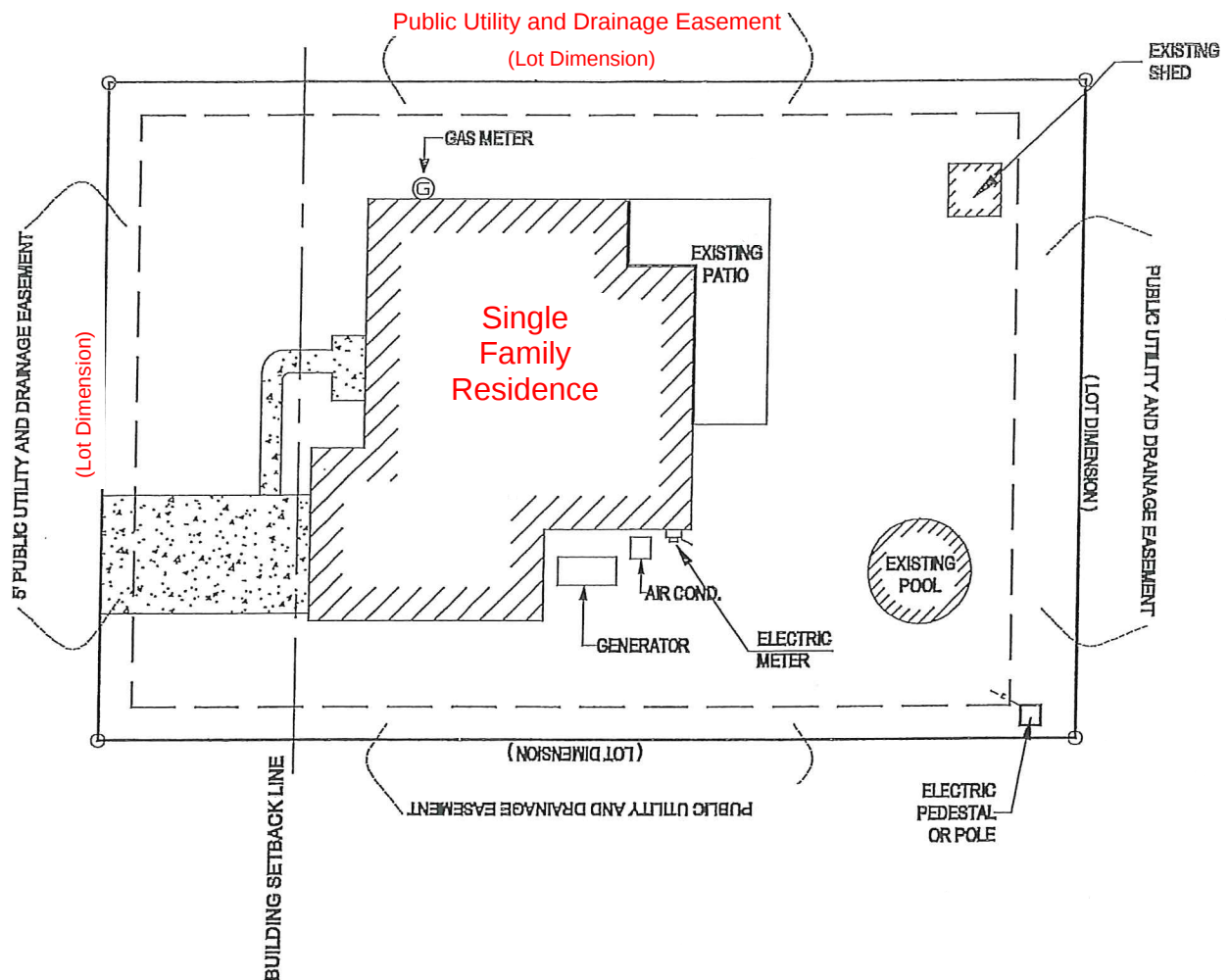




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General Notes:

1. Must show proposed generator drawn to scale showing where it will be placed on the lot.
2. Must show location of the electric meter, electric pedestal or pole, electric line and any other utilities located near the generator.
3. Must show all escape windows or other windows in generator area.
4. Must show location of gas meter.

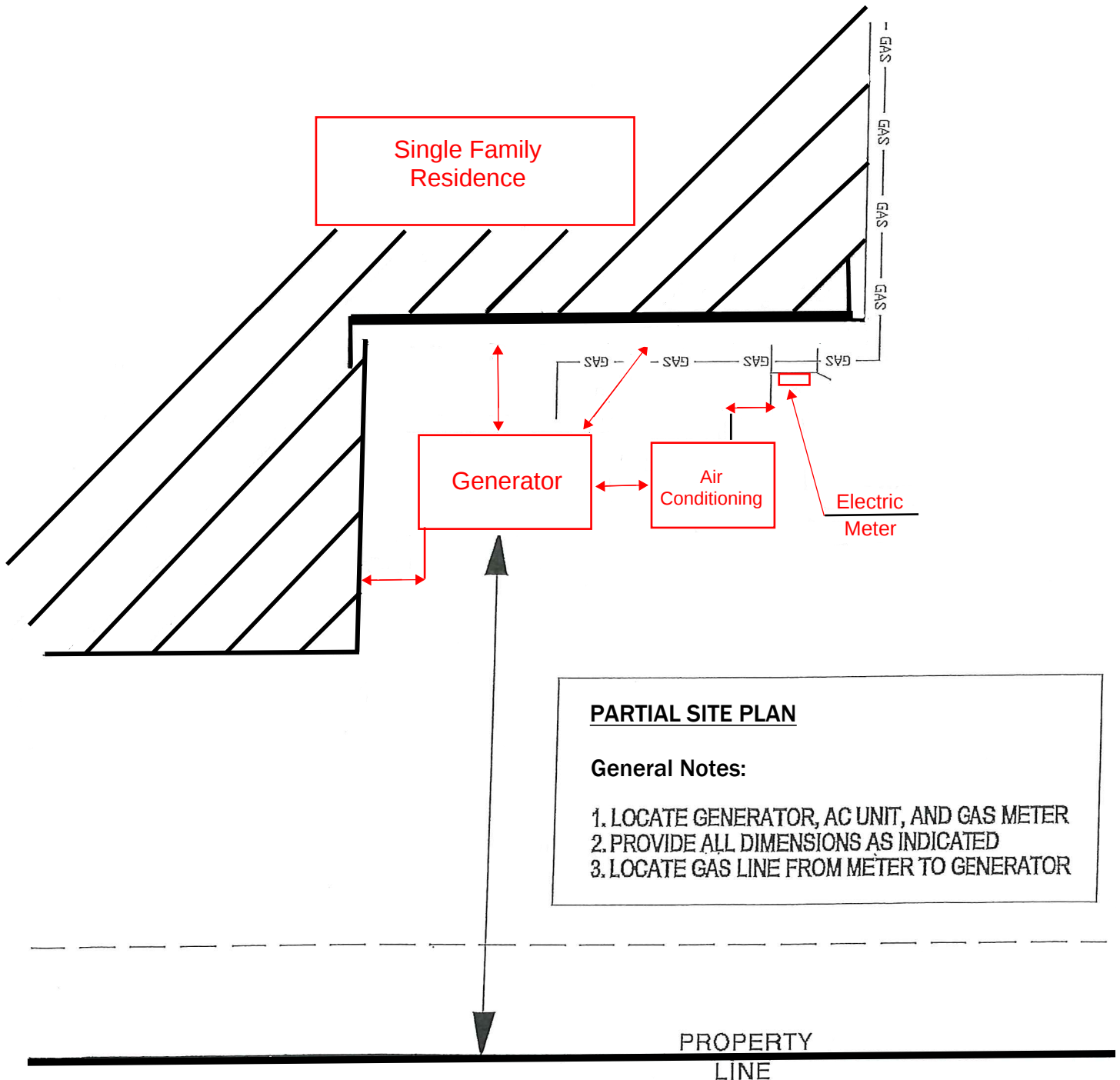
EXAMPLE OF SITE PLAN



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EXAMPLE OF ENLARGED GENERATOR LOCATION PLAN