



Village of WILLOWBROOK

RESIDENTIAL STANDBY GENERATOR CHECKLIST

Mayor

Frank A. Trilla

Village Clerk

Gretchen Boerwinkle

Village Trustees

Mark L. Astrella

Sue Berglund

Umberto Davi

Michael Mistele

Gayle Neal

Gregory Ruffolo

Village Administrator

Sean Halloran

Chief of Police

Lauren Kaspar

PERMIT APPLICATION

- Complete a general permit application with all pertinent contractor information.
 - If you are unsure of the subcontractors, you will be employing at the time you apply for permit, you may still submit your application. The Village will not issue a building permit however, until everyone working on your project has been identified.
- General Contractor will need to provide a certificate of insurance.
- Complete the electrical application, signed by the supervision electrician, and provide a copy of their municipal license, certificate of insurance and a \$10k Surety Bond.
- Provide a copy of the plumber's state contractor's license and a letter of intent. (If applicable)

SUBMITTAL REQUIREMENTS

- Submit three plats of survey with location highlighted of the proposed standby generator.
 - Indicate the setback dimension from the house to the lot line on the side closest to the generator.
 - The location of the electric meter, electric d near the proposed generator. line and electric pedestal or pole, gas meter and any other utilities locate
 - All escape windows or other windows within the generator area.
 - Indicate all other accessory structures (Air Conditioner, shed, pool heater, etc.) in the area of the proposed generator with distances between the structures.
 - Provide photo documentation of area where standby generator will be installed.
 - Provide copy of signed Proposal or Contract signed by the property owner
 - Provide Manufacturer's cut sheets and specifications for the generator including the standby power rating in kilowatts, the noise level as measured in dB and at what distance, the unit size and venting discharge points, base requirements, the gas input in Btu's/h and clearance requirements.
 - It shall be the responsibility of the property owner or the contractor to verify if there are any land covenants, restrictions or HOA bylaws that would prohibit the installation of the standby generator as proposed.

ELECTRICAL REQUIREMENTS

- Provide a one-line diagram detailing the entire electrical installation.
 - Identify all raceways, type, size and approximate length, conductor type and size.
- Provide a detailed panel schedule and load calculation for the emergency circuits to be protected by the unit to verify that the emergency circuits will be adequately supplied with back-up power.
- All work must follow the 2017 National Electrical Code

TRANSFER SWITCH REQUIREMENTS

- Provide manufacturers specifications for proposed transfer switch.
- Provide manufacturers installation guide for proposed transfer switch.
- Indicate transfer switch AMP rating.
- Indicate the location of transfer switch.

GAS LINE REQUIREMENTS

- The gas meter capacity shall be evaluated to determine of the gas meter must be upgraded due to the added loads on the gas service. Contact Nicor Gas to get meter capacity evaluated.

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- Provide information on gas line and if it will be pulled from the exterior meter or from an internal distribution line
 - Provide a gas pipe diagram indicating material, size, lengths, and total BTUs on the line.
 - Indicate on plans if proposed gas pipe is above ground or underground.
 - Indicate how gas line will be protected from corrosion.
- Indicate gas line shut off locations to generator on gas pipe diagram.
- Specify Manufacturers fuel line flexible link configuration.

MUST COMPLY WITH THE FOLLOWING CODES:

- 2018 International Residential Code
- 2018 International Mechanical Code
- 2018 International Energy Conservation Code
- 2018 International Fuel Gas Code.
- 2014 Illinois Plumbing Code
- 2017 National Electrical Code

RQUIRED INSPECTIONS:

- Rough Electrical
- Gas Line
- Final Electrical

SCEDULING INSPECTIONS:

Please call Community Development at (630) 920-2240 for final inspection. Please have the permit number and site address ready. In addition, please allow a minimum of 48 hours when scheduling an inspection. Inspections are performed Monday, Wednesday, and Friday 9am to 12pm.

I hereby certify that I have read and understand all the regulations and requirements, and I agree to comply with all the regulations contained herein.

Signature: _____ Date: _____



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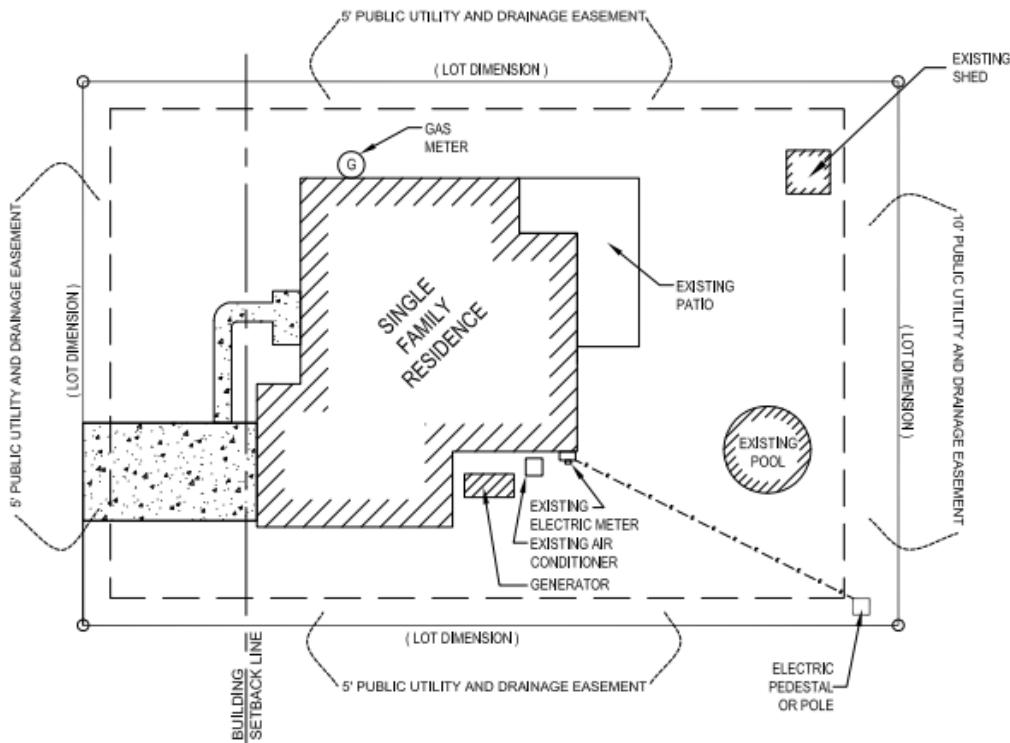
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PLAT OF SUREY

LOT ____ IN BLOCK ____ IN ____ AT WILLOWBROOK UNIT ___, BEING A
SUBDIVISION OF PART OF THE ____ QUARTER OF SECTION ___,
TOWNSHIP ____ NORTH RANGE ____ EAST OF THE THIRD PRINCIPLE
MERIDIAN ACCORDING TO THE PLAT THEREOF RECORDED ____
____ AS DOCUMENT NO R ____ IN ____ COUNTY, ILLINOIS.



GENERAL NOTES:

1. MUST SHOW PROPOSED GENERATOR DRAWN TO SCALE SHOWING WHERE IT WILL BE PLACED ON THE LOT.
2. MUST INCLUDE LEGAL DESCRIPTION OF THE LOT.
3. MUST SHOW LOCATION OF ELECTRIC METER, ELECTRIC PEDESTAL OR POLE, ELECTRIC LINE AND ANY OTHER UTILITIES LOCATED NEAR THE PROPOSED GENERATOR.
4. MUST SHOW ALL ESCAPE WINDOWS OR OTHER WINDOWS IN GENERATOR AREA.
5. MUST SHOW LOCATION OF ALL ACCESSORY STRUCTURES TO REMAIN.
6. MUST SHOW LOCATION OF GAS METER.
7. REFER TO MANUFACTURER'S SPECIFICATIONS (AIR COOLED RESIDENTIAL GENERATORS); GENERALLY, NO OPERABLE WINDOWS OR OPENINGS IN THE WALL ARE PERMITTED WITHIN FIVE FEET FROM ANY POINT OF THE GENERATOR; MINIMUM 18' FROM THE EXISTING WALL; CLEARANCE FROM THE ENDS OF THE GENERATOR MUST BE 36 INCHES; CLEARANCE AT THE TOP SHOULD BE 60 INCHES; THE GENERATOR SHOULD NOT BE PLACED UNDER A DECK OR OTHER STRUCTURE THAT WOULD LIMIT AIR FLOW





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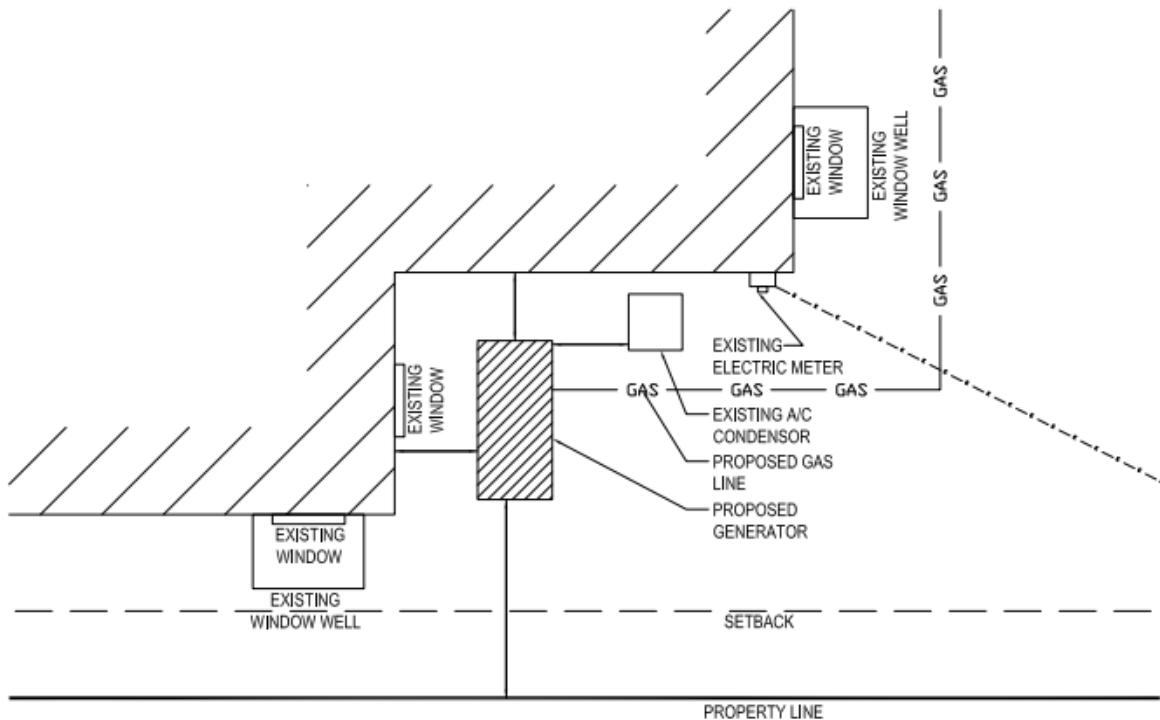
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____, ____ AS DOCUMENT NO R ____ IN ____ COUNTY, ILLINOIS.



GENERAL NOTES:

1. ADDITIONALLY PROVIDE DIMENSIONS OF GENERATOR TO HOME (INCLUDING WINDOW/DOOR OPENINGS/WINDOW WELLS) AND LOT LINE.
2. ADDITIONALLY INDICATE THE LOCATION OF THE UNDERGROUND GAS LINE FROM THE METER TO THE GENERATOR.

A yellow insulated copper tracer wire shall be installed adjacent to underground nonmetallic piping to identify the gas supply line. The tracer wire shall not be less than 18 AWG and the insulation type shall be suitable for direct burial. (2018 IRC G2415.17.3)

Minimum burial depth for a gas supply line shall be 12" below grade. Individual lines to outdoor lights, grills, or other appliances shall be installed not less than 8 inches below finished grade, provided that such installation is approved and is installed in locations not susceptible to physical damage. (2018 IRC G2415.12)

