

City of Westland

MOHAMED AYOUB
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**PLANNING & BUILDING
DEPARTMENT**

36300 WARREN RD
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734-467-3210

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Requirements for Generator Permits and Inspections

Scope and Purpose:

This guide is intended to provide general information for the placement of whole house generators on residential property and to provide consistency in the enforcement of the City of Westland regulations.

Permits Required:

Electrical Permit – Now has a Generator Fee of \$100.00

Mechanical Permit – Now has a Generator & Gas Piping \$175.00

There will be One Admin Fee charged on the Mechanical permit \$100.00 and one Plan Review fee charged on the mechanical permit \$105.00. Total for all permits for Generator only install \$480.00

Required Submittals:

A sketch of the plot plan with the generator and house with dimensions of location is required to verify required setbacks. The generator is allowed to be placed in the side or rear yards, with a minimum of 6' from the property line.

Electrical; Manufacturer's specifications for generator, manufacturer's specifications for transfer switch (for both manual & automatic), one line diagram for wiring installation with conduit size and load calculations for whole house generators with automatic transfer switches. Mechanical. Size, type and distance of gas line and gas piping sizing information sheet.

Additional Requirements and Information:

*Generator installation must comply with the 2015 Michigan Residential Code, 2023 National Electrical Code, 2021 International Fuel Gas Code.

*Generators must be installed no closer than five (5) feet from building openings (windows and doors).

*Generators must be installed according to manufacturer's recommended requirements.

*City Zoning Ordinance states that a maximum decibel level of 65 is allowed when measured at the property line.

Inspections Required:

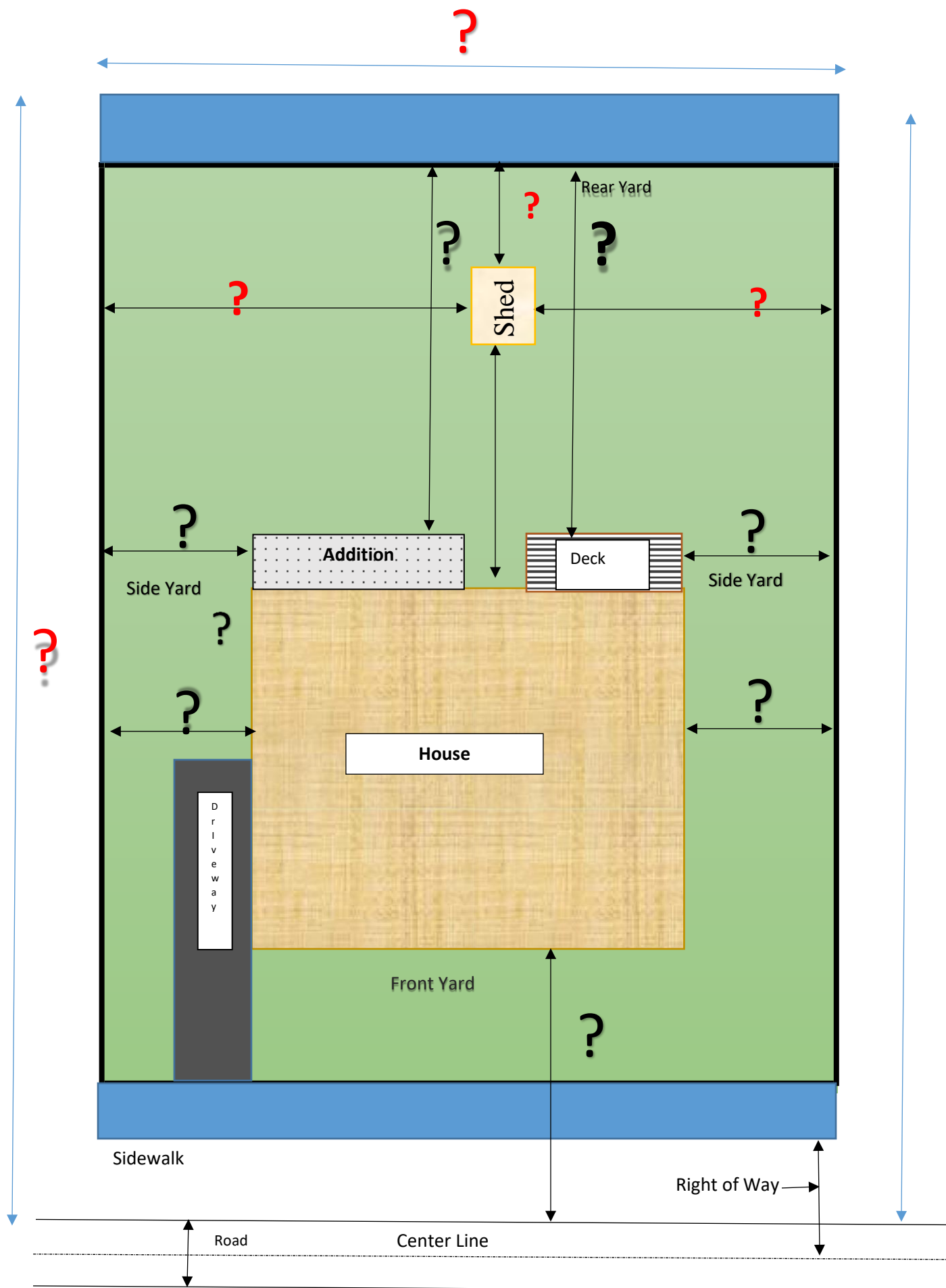
Electrical

Rough (Include location of equipment and Final

Mechanical

Pressure Test and Final Connection

REVISED 10/2024



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Gas Pipe and Gas Meter Sizing Worksheet

Project Address: _____

The International Fuel Gas Code, Section 402.1 & 402.2, requires the gas meter and piping to be sized for the full appliance load. To insure compliance, this worksheet shall be completed prior to the issuance of a mechanical permit for the following types of installations:

Tank-less Water Heaters, Generators and Pool Heaters

Identify all gas fueled appliances in the building and complete the information below:

APPLIANCE	BRU RATING	N/A
Tank-less water heater		
Water heater		
Furnace		
Dryer		
Stove		
Oven		
Gas fireplace		
Swimming pool heater		
Other		
Generator cubic feet or KW rating		
TOTAL:		

Cubic foot capacity of gas meter: _____

If the total exceeds the capacity of the current gas meter, I am aware that I will have to contact my natural gas provider to have an appropriately sized meter installed. This will be done before the final inspection.

Contractor Signature: _____

Property Owner: _____