



Permit & Inspection Requirements Residential Backup Generator

To apply and submit required documents please [log in to your HillsGovHub account](#).

- A Florida EC or ER licensed contractor can apply for a residential electrical trade permit on [HillsGovHub](#).
- Two inspections are required; electrical rough in and electrical final.
- [Notice of Commencement](#): A recorded certified copy of the Notice of Commencement in accordance with [Section 713.13](#) of the Florida Statutes is required to be submitted prior to the first inspection.
- Provide a digitally signed and sealed site plan prepared by a Florida Licensed Surveyor and Mapper or a digitally signed and sealed site plan prepared by a design professional. For an electrical contractor signed site plan follow instructions below to determine permissible generator locations.
- Verify that the proposed project will not encroach into an easement, wetland, or wetland setback. This information must be depicted on the site plan.
- Determine the applicable flood zone using [GIS](#) or [FEMA Flood Map Service Center](#). If the proposed project will be located within a Special Flood Hazard Area (SFHA); the site plan must indicate the minimum required design flood elevation and referenced to NAVD1988.

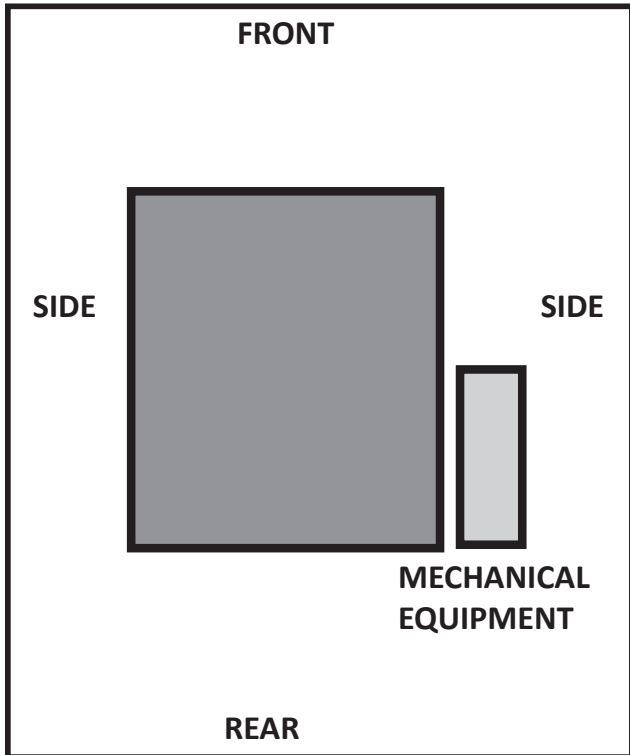
Preparing for field inspections:

- Provide a site plan signed by the contractor, or design professional signed and sealed plan, indicating site setback dimensions and conformance.
- Provide a contractor or design professional signed and sealed load calculation for units rated less than the residence main service rating.
- Provide all installation manuals and documents that include manufacturer clearance requirements.
- Provide evidence and location of “load shed units” where provided.
- Provide evidence of a fuel gas permit or indicate gas by other. Upon approval of your rough in inspection you may schedule your final electrical inspection.



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Mechanical Equipment (a/c, generators, above ground propane tanks, etc.)



Example is an interior lot

Ref. HC-LDC 6.01.03.I.3.

May encroach five feet into required rear yards.

Examples:

25' rear: Encroach 5', leaving 20'.

10' rear: Encroach 5', leaving 5'.

May encroach three feet or no more than 50 percent into required side yard, **whichever is more restrictive**.

Examples:

25' side: Encroach 3', leaving 22'.

15' side: Encroach 3', leaving 12'.

10' side: Encroach 3', leaving 7'.

7.5' side: Encroach 3', leaving 4.5'.

5' side: Encroach 50% (2.5'), leaving 2.5'. This is the more restrictive requirement.

Above ground propane tanks may not project into the required front yard setback.

Site Drawing Notes:

- Flood conformance: If the proposed project is located inside of the special flood hazard area (SFHA), any electrical and/or mechanical equipment must be elevated to or above the current effective base flood elevation (BFE) plus 1 foot of freeboard (add 1 foot of freeboard to the current effective base flood elevation) / FBC-R Sixth Edition (2017), reference R322.21.
- Zoning Conformance: The location of Mechanical equipment, such as air conditioning units, pumps, heating equipment, propane tanks, electrical generators and similar installations are not to be located in any easements, conservation, and/or wetlands areas and may not project into the required front yard(s), but may project five feet into the required rear yard(s), and three feet or no more than 50 percent of the required side yard(s), whichever is more restrictive. / Land Development Code Sec. 6.01.03.I.3. / NFPA 58 Liquefied Petroleum Gas Code