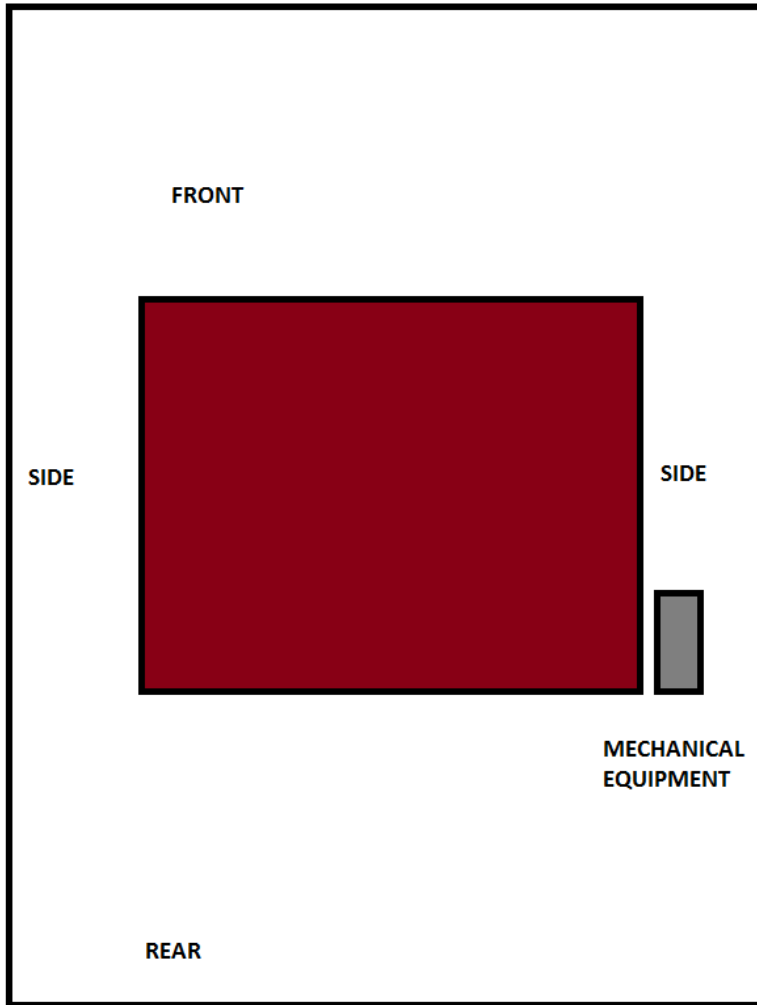




Residential Generator Online Permitting Requirements:

1. A Florida EC or ER licensed contractor can apply for a residential new electrical permit (NEL) on Velocity Hall with a scope of work as Residential Backup generator Install.
2. Two inspections are required; electrical rough in and electrical final.
3. Before requesting your inspections a recorded copy of the Notice of Commencement (NOC) is required to be submitted if the project is more than \$2,500.00. Email to permitting@hillsboroughcounty.org with NOC in the subject line.
4. Provide a signed and sealed site plan prepared by a Florida Licensed Surveyor and Mapper or a 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.
5. Verify parcel Zoning District on [Hillsborough County Map Viewer \(GIS\)](#).
 - a). Reference [HC-LDC Sec. 6.01.01](#). to verify the primary setbacks for the Euclidean zoning district standards in which the parcel is located.
 - b). Reference [HC-PGM Store](#) to verify the primary setbacks for the zoning district standards within a Planned Development (PD).
 - c). Reference [HC-LDC Sec. 6.01.03.I.3](#). for permitted projections into required yards for allowable encroachments of the equipment. See site plan visual guide below as an example.
6. Verify that the proposed project will not encroach into an easement, wetland, or wetland setback. This information must be depicted on the site plan. If the parcel is located within a Platted Subdivision, easements are typically indicated on the recorded plat on the [Hillsborough County Clerk of Courts](#) or on the [Hillsborough County Property Appraiser](#) website.
7. 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.



Example is an interior lot.

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

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

For Field Inspection Requirements; have on site:

1. Provide a site plan signed by the contractor, or design professional signed and sealed plan, indicating site setback dimensions and conformance.
2. Provide a contractor or design professional signed and sealed load calculation for units rated less than the residence main service rating.
3. Provide all installation manuals and documents that include manufacturer clearance requirements.
4. Provide evidence and location of “load shed units” where provided.
5. Provide evidence of a fuel gas permit or indicate gas by other.