



Residential Backup Generator

The submittal plans shall include the following:

- A site plan showing the proposed location of the generator with all setbacks from property lines, all buildings and openings into buildings (doors, windows, vent, etc.).
- Manufacturer's name, model number and specifications of the generator. The generator shall be installed in accordance with the manufacturer's installation instructions.
- Structural - plans and details for the construction of the foundation supporting the generator and anchorage details of the unit to the foundation.
- Plumbing - natural gas powered units, provide a gas line diagram with line sizing calculations and gas pipe sizes.
- Electrical - plans showing panel locations and amperage, single line diagram, conductors, relay switches, disconnects, etc.

*** Plans shall be drawn to scales of not less than 1/8 inch per foot for site plans, 1/4 inch per foot for all other plans and elevations on plan sheets not less than 11"x 17" using conventional drafting techniques. Each plan sheet shall have sufficient residual blank spaces for the application of the City's approval stamps.

Schedule an inspection and have the following on site for review:

- Inspectors copy of permit, approved plans, installation instructions and electrical load calculations worksheet completed.
- No work shall be concealed before it is inspected. Dead fronts shall be removed for inspection
- All electrical conduit or wiring shall be installed and inspected prior to concealing.
- Electric disconnect for the Generator shall be within sight of generator or lockout tag installed on the breaker.
- Label generator breaker on electrical service panel.
- Have system grounding visible at jumper/electrode connection point. If additional ground rods are required, add two (2) 5/8" x 96" copper clad rods driven into the ground no less than 72" apart.