

## Electrical Plans Continued:

- Specification sheets for all electrical equipment.
- Installation manual for the generator.
- If generator is installed inside a structure:
  - ⇒ It shall be listed for interior installations.
  - ⇒ Specify ventilation and exhaust system.

## Signage:

- Required signage for panels, disconnects, transfer switches, etc, pursuant to California Electrical Code Article 702.7
- Permanent labels with red background and white lettering, lettering minimum 3/8" in height, and resistant to fading pursuant to CA Electrical Code Article 702.7

## Plumbing Plans:

Provide a gas line plan including the following:

- Gas pipe type and size.
- Gas pipe length from gas meter/ propane tank to generator. Show location of gas hook up at the house.
- Demand in BTU's for all equipment/appliances served by the gas line.

## Structural Plans:

- Provide anchorage details for all new equipment. If the equipment weighs more than 400 pounds, foundation/anchorage plans shall be signed and stamped by a registered design professional (Engineer or Architect).

## Permit Issuance:

- The following will be required at time of permit issuance:
  - ⇒ Outstanding building fee payment.

One set of approved plans will be returned to the applicant to be maintained at the job site until the final inspection has been approved. The Building Division will keep a second set on file. (If submitted digitally, a copy of the approved plans will be emailed to the applicant and must be printed in color for the inspector)

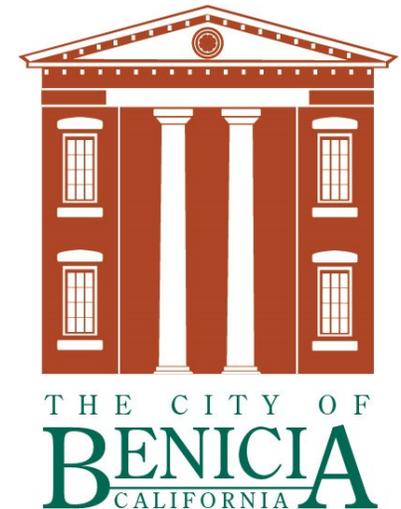
## Questions:

Contact the Building Division at (707) 746-4280 for inquiries on plan check and building fees.

This document is intended only as a guide. Specific requirements or documents may differ based upon your specific application and the California Building Standards Codes.

## Community Development Department Building Division

## Residential Generator Plan Submittal Checklist



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# *Residential Generator Plan Submittal Checklist*

## **Purpose:**

This handout summarizes the requirements for a complete plan review submittal for a new residential generator. The following guidelines shall be reviewed before commencing any work.

## **Additional Departments Approvals:**

### **Planning**

Contact the Planning Division at (707) 746-4320 for setback and noise requirements.

### **Plan Submittal:**

Complete plans and documents may be submitted directly to the Building Division counter between 8:30 am and 9:30 am or 1pm and 2pm, Monday through Friday.

- Three (3) complete sets of plans. At least two sets must be signed by the designer.
- Complete building permit application.
- Plan check fee payment.

Plans must be to scale drawn in blue or black ink, on clear unlined paper; minimum size is 11" x 17", maximum size 24" X 36". The Scope of Work must be fully stated and detailed on the plans. For building plans to be useful, they must be legible and drawn to scale. Plans should be prepared with lettering of sufficient contrast to be readable when scanning. Photocopies or prints may be submitted.

### **Cover Sheet and / or Site Plan:**

- Job address / name and address of owner, contractor and contact person / address, phone number, title of designer / description of work / applicable codes / etc.
- Identify location of all existing structures and the proposed location of the new equipment: propane tank, generator, transfer switch, panels, etc.
- Provide setback dimensions from the new generator to property lines and other existing structures within the parcel.

### **Equipment/Pad Anchoring Specifications:**

- Provide cut sheets for all generator equipment and transfer switches.

- Generator slab type, thickness, and anchoring information

### **Electrical Plans:**

- Single line diagram that includes the following:
- Amperage size and location of all electrical panels.
- Grounding conductor types and sizes (main ground, metal water pipe bonding, metal gas pipe bonding, etc.).
- Disconnect types, sizes and locations.
- Conduit and conductor types and sizes from the generator to transfer switch and to panel. **NOTE:** The generator must include the following features or an additional disconnecting means is required: a readily accessible disconnect lockable in the open position and located within line of sight of the building or structure supplied.
- Indicate how the utility service lines will be protected against back feeding from the generator.
- Identify required signage for disconnects, transfer switches, etc.