



CITY OF PLACERVILLE DEVELOPMENT SERVICES BUILDING DIVISION

3101 Center Street Placerville, CA.95667

530-642-5240

Generator Installation

6/12/20

TWO (2) SITE PLANS AND THREE (3) COMPLETE PLAN SETS ARE EQUIRED.

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.

Pencil, whiteout, taped notes/details and any other submittal that is illegible or not completed in a workmanlike manner will not be accepted.

SITE PLAN/COVER SHEET:

- Owners name/site address/contact information, assessor's parcel number (APN), North arrow, sheet index, and statement of compliance with specific CA codes used
- Preparers name/address/signature, and project scope
- Identify all existing structures and proposed generator equipment, including set-backs
- Location of wells, water storage tanks, bodies of water and 100yr floodplains. Include a setback from the generator (minimum 100ft)
- Location and types (above ground or underground) of electrical and gas utilities
- Identify any easements (PG&E, water, road, driveway, etc.)
- Setbacks from the generator to buildings, property lines, water sources and septic/leach lines/pumps
- Location, size, and setbacks to propane tanks from the generator, property lines and structures. Indicate if new or existing.
- **NOTE:** Mechanical equipment that is accessory to the primary structure and accessory uses on a lot may encroach into any minimum yard (setback) set under City Zoning Ordinance by up to fifty percent (50%), provided there is no encroachment into any public utility or drainage easement; however, at no time shall this reduced encroachment be less than three feet (3') from any lot line.

ELECTRICAL SINGLE LINE DIAGRAM:

- Amperage size and location of the main electrical panels and subpanels
- Grounding/bonding conductor sizes/types for structure (main ground, water bonding, gas bonding, etc.)
- Equipment grounding conductor size, type and location for circuits and module/rack grounding
- Junction box locations
- Disconnect types, sizes and locations (January 1st, 2020: Disconnect within 3' of main service panel required)
- Conduit sizes/types from the generator to the transfer switch and power source
- Transfer switch type, size and location and specifications
- Conductor wiring types and sizes, system and generator
- **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 or 50' of the building or structure supplied.

SIGNAGE:

- Required signage for panels, disconnects, transfer switches, etc. pursuant to California Electrical Code Article 702.7
- Permanent labels with contrasting background/lettering, not handwritten and weather resistant pursuant to CA Electrical Code Article 110.21

EQUIPMENT/PAD ANCHORING SPECIFICATIONS (Required for all generator installations per ASCE-7):

- Provide cut sheets for all generator equipment and transfer switches
- Pre-fabricated pad specifications or concrete slab thickness and anchoring information

GAS LINES:

- Show underground and above ground gas line locations, materials and sizes
- Provide gas line sizing calculations including all equipment and appliances served by the gas source in accordance with the California Plumbing Code/Gas line isometric