



DEPARTMENT OF RESOURCE MANAGEMENT

Building Division

1855 Placer Street, Suite 102

Redding, California 96001

Phone: (530) 225-5761 Fax: (530) 245-6468

Inspection Request Line: (530) 244-5068

Web: building.co.shasta.ca.us Email: resourcemanagement@co.shasta.ca.us

EMERGENCY STANDBY GENERATOR APPLICATION CHECKLIST

(Rev: 12-06-19)

As the applicant, you acknowledge the generator is for emergency use only and will not be installed or used as a primary or off grid power source. In addition, the **initials** next to each line item below certifies the application is complete. An incomplete permit application package will not be processed.

- ___ 1) A complete application for permit and owner building packet (if owner is applying).
- ___ 2) 4 copies of the complete and accurate plot plan, including:
- ___ 2 signed copies by the Fire District office (if other than Cal Fire).
 - ___ The generator is located and dimensioned on the plot plan with a minimum 5' setback from all structures (including door and window openings), fences, and property lines.
 - ___ I understand equipment installed in flood hazard area (F-2) will need elevation certificate. Work is prohibited in a F-1 flood hazard area.
- ___ 3) 1 copy of manufacturer installation manual for generator.
- ___ 4) 2 copies of manufacturer cut sheets for all equipment to be used for the project. Cut sheets shall be highlighted to indicate which generator will be installed (in KW).
- ___ The generator is: ___ propane, ___ natural gas, ___ diesel, or other _____.
 - ___ The generator will be secured to: ___ concrete pad, or other _____.
- ___ 5) 2 copies of electrical one-line diagram of system showing grounding/bonding, wire size, conduit size, transfer switch, disconnects, and the method of connection to the Main Electrical Panel including size and location of the service panel side connection per CEC article 705.
- ___ 6) Completed Emergency Standby Generator Declaration; must be signed by owner.

How to prepare for an inspection:

- 1) Post the yellow permit card at the street or driveway.
- 2) Provide the remaining permit package with manufacturer specifications at the generator location.
- 3) Provide a string line for setback verification if property line is less than 10' from generator.
- 4) All trenching is complete and excavation left open for inspection, including:
 - Electrical trench with conduit placed.
 - Fuel / gas piping installed and pressurized.
- 5) Generator pad with the equipment properly secured to the pad.
- 6) Electric connections(s) complete, panels properly labeled and transfer switch installed.

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PLOT PLAN INSTRUCTIONS

AN ACCURATE PLOT PLAN IS NECESSARY TO PROCESS YOUR PERMIT

A plot plan is necessary to establish a clear “snapshot” record of the correct development and use of the property. It may be helpful to think of how the property would look if you were flying above it and represent this on paper. You might start with an Assessor’s plat map (copies available at the Assessor’s office) for an accurate outline of your property.

An 8-1/2” x 11” size paper works well for drawing the property outline. Once the property outline is drawn, please draw the existing and proposed improvements (driveway, well, septic, disposal field, etc.), structures (home, garage, shop, etc.), uses (pasture, orchard, etc.), and features (creeks, drainages, etc.) for the property. Keep size proportionate, write in distances to show location, and label the use of all existing and proposed structures (such as house, mobile home, garage, or barn), as well as all items in the list below. (See attached example for guidance.)

Make sure the following are shown on the plot plan:

1. Property owner’s name
2. Assessor’s Parcel Number for the property
3. Address of property
4. North arrow and scale
5. Acreage of property
6. Dimensions/square footage and use of all buildings
7. Indicate whether there are mobile homes or houses and indicate whether there is a garage attached to the house and list the size/dimensions
8. Type and width of easements
9. Septic system and well location, both existing and proposed. Also show the distance to the neighbor’s septic system and well if less than 90 feet from you property line
10. Dedicated septic system expansion/replacement area (if on private sewage disposal system)
11. Roads and driveways with list length and width, turn radius (used for Fire Department and Public Works), and estimated grade
12. Drainages and waterways. Indicate distances and toe and/or top of bank including seasonal or dry creek beds, also include any ponds on the parcel or neighbor’s parcel
13. Location of soil profile pit and percolation test holes (for new septic systems)
14. Existing and proposed utility locations (electric, cable, phone, water including meter location(s), and sewer connection
15. All buildings connected to electric utilities and label if underground or on a pole
16. All structures connected to sewer and water (example: detached shop)
17. Nearest fire hydrant

On the back of this page is an example for guidance.

Please ask for help if you have any further questions.

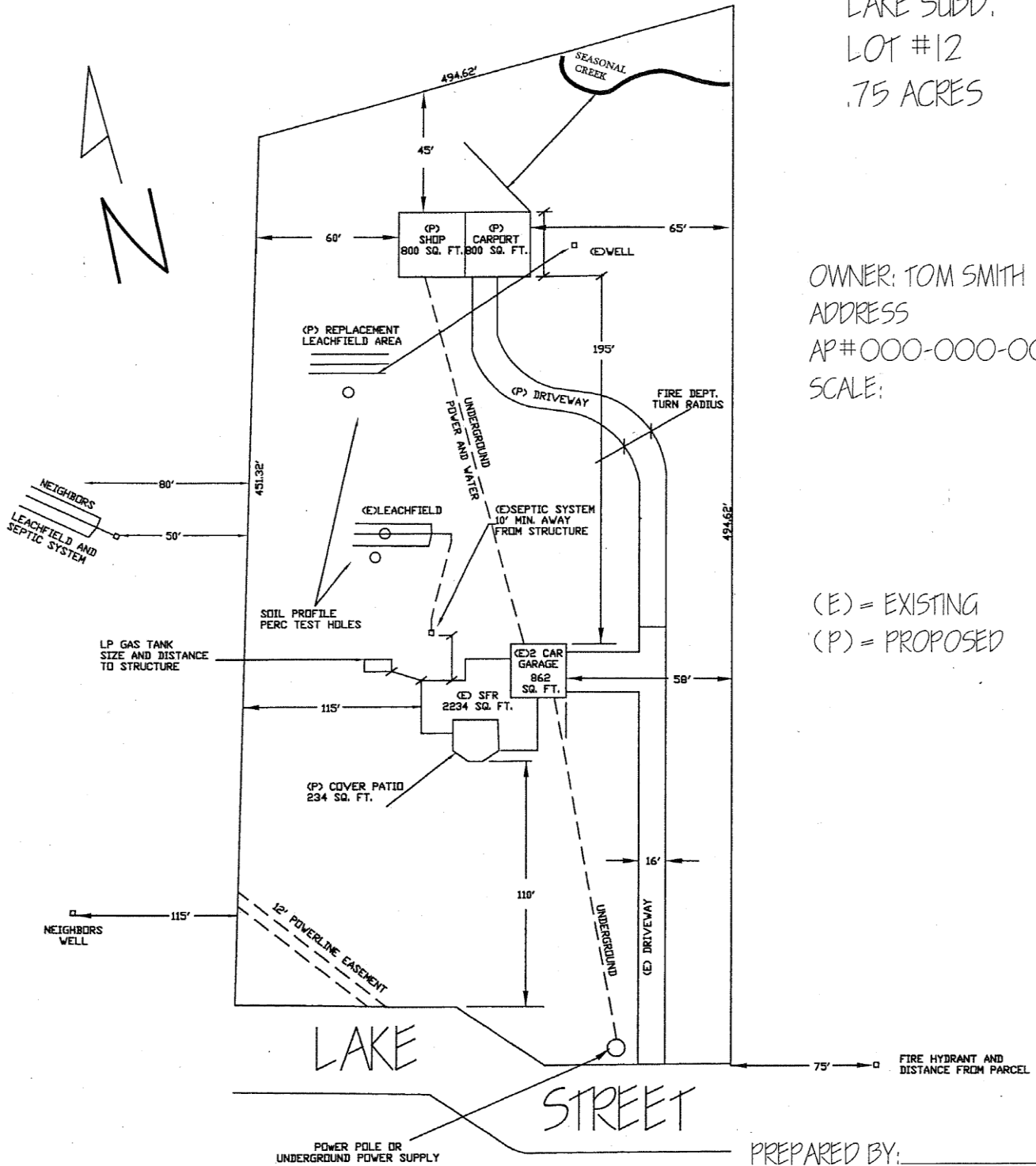
Note: If your project involves grading (cuts, fills, etc.), indicate the areas of cut and fill, and provide a slope cross-section.

PLOT PLAN EXAMPLE

LAKE SUBD.
LOT #12
.75 ACRES

OWNER: TOM SMITH
ADDRESS
AP# 000-000-000
SCALE:

(E) = EXISTING
(P) = PROPOSED



PREPARED BY: _____

DATE PREPARED: _____



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EMERGENCY STANDBY GENERATOR DECLARATION

(Rev: 08-30-19)

Generator noise levels are regulated by the Shasta County General Plan Noise Element. However, emergency standby generators are not subject to noise restrictions when installed for emergency use to protect life or property during a temporary power outage.

An Emergency Standby Generator that is not used or maintained in compliance with this permit application will be in violation of Shasta County Code and may require the equipment to be removed; or additional permitting and construction methods may be necessary to meet County Code and the General Plan noise level standards.

1. The generator and equipment will only be used during an emergency or temporary power outage.
2. The generator will not be used to support any activity that is not permitted.
3. The generator and equipment will be installed and maintained in compliance with the manufacturer's installation specifications and Shasta County Code.
4. The electrical equipment and connection will be installed with an automatic or manual transfer switch in compliance with California Electrical Code, Article 702.
5. The generator will be permanently installed and secured on a 4" concrete slab or equivalent sub-structure based on the manufacturer's installation specifications or as approved by the Building Division.
6. The generator and equipment will be installed outdoors or within an enclosure in compliance with the manufacturer's installation manual or as approved by the Building Division.
7. The generator will be installed in accordance with all local fire district setback requirements and will have a minimum of 10' of defensible space around the equipment.
8. For any Emergency Standby Generator greater than 50 horsepower an Air Quality permit is required.

As the property owner, I acknowledge and agree the installation and use of the generator will meet all the conditions above under the penalty of perjury, under the laws of the State of California by the signature below.

Owner's name (print): _____

Owner's signature: _____ Date: _____

Parcel Address: _____ Permit #: _____