



WOODSIDE FIRE PROTECTION DISTRICT

ENERGY STORAGE SYSTEMS DESIGN /INSTALLATION REQUIREMENTS

808 Portola Rd. #C Portola Valley, CA 94028 Fire Prevention 650-423-1405 Fax 650-851-3960

January 2020

LABELING: All signage to be the following; RED SIGN WITH WHITE LETTERS or as approved by the fire code official.

- All battery associated conduit will be labeled every 10ft. ***“CAUTION Alternate Power Source”***
- Main Electrical Panel will have a signage. ***“CAUTION Battery Power Source Installed as part of electrical system”***
- Doors leading into rooms containing energized battery systems will have signage. ***“CAUTION Room contains energized battery system”***. 2019 CFC 1206.2.8.6
- A 7” X 7” directory plaque to be installed at the main electrical service panel indicating ***“All Power sources and means of disconnect including Photovoltaic and Battery equipment”***.

BATTERY SYSTEM LOCATION:

All battery systems will comply with 2019 CFC Section 1206 as well as the following items:

- Must be mounted minimum 18” off finished floor when installed in interior spaces.
- Exterior installations must be a minimum of 10 feet away from any means of egress.

DISCONNECT:

- If batteries are located within a building or structure a “shunt / emergency disconnect” shall be installed on exterior of the building. It shall disconnect batteries from all premise wiring. The battery disconnect must be within 10ft. and within the line of site of the battery system. Disconnect must be labeled and be lockable. Disconnect must be UL listed and rated for the intended use and location.

SMOKE DETECTION:

- Smoke Detector required in all rooms containing battery systems.
2019 CFC 1206.2.11.2.

SUBMITTAL REQUIREMENTS:

Woodside Fire Protection District requires plans to be submitted through the local building department. Plans will be reviewed and approved by Woodside Fire Prevention Bureau. A submittal package and \$180.00 (Plan review /Inspection fee) will be required. *Checks payable to Woodside Fire Protection District*

****NOTE****

If your project is under review through County of San Mateo Planning and Building Departments. Fees for your project need to be directly paid to WFPD prior to plan approval.

*Each project installation is unique and additional requirements may be enforced as deemed appropriate