

Featured Project

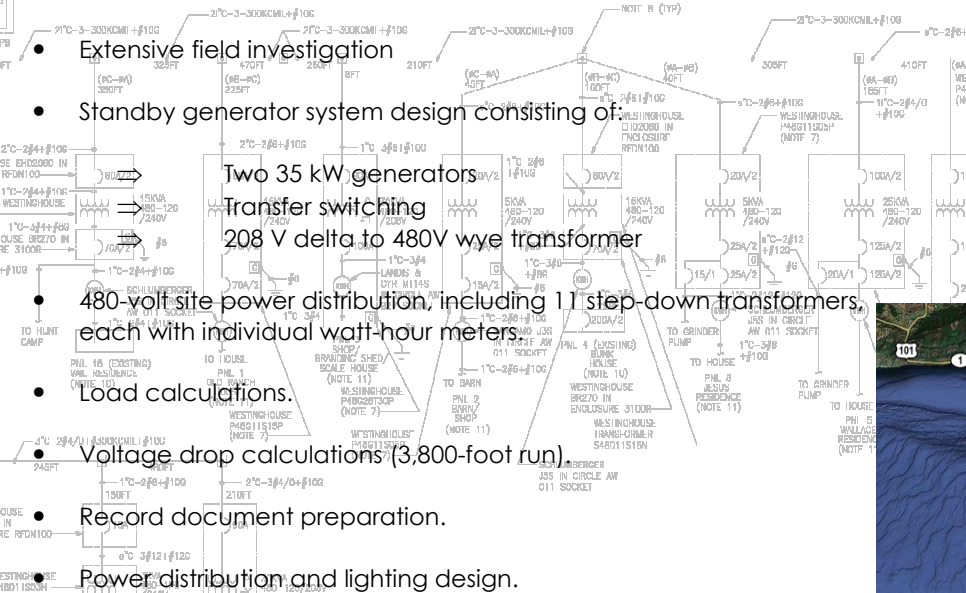
Santa Rosa Island, Channel Islands National Park U.S. National Park System

Channel Islands, California

Santa Rosa Island is one of five islands in the Channel Islands National Park, located 26 miles off the coast of Southern California. At 53,195 acres, Santa Rosa Island is the second largest island in the Park.

The Island has been used by humans for more than 13,000 years and contains thousands of Federally protected archaeological sites. It is home to native species including the Island Fox, Island Night Lizard, and Munchkin Dudleya (plant). Used for cattle ranching, private hunting, an Air Force radar base, and oil exploration during the 1900's, Santa Rosa Island was purchased by the National Park Service in 1986. Today, it is still used for cattle ranching and tourism, and is a popular location for camping, snorkeling, kayaking, and bird-watching.

Accessing the site by boat and light aircraft, ArcSine Engineering performed field investigations prepared contract documents, and provided construction support services. Included were 11 historic buildings powered primarily by diesel engine-generators, with photoelectric and wind-powered backup. The project provided power to the generator building, four residences, shop/branding shed, barn, bunk house, pier, wells, and water storage tanks. The project included the following design items:



Electrical Power Distribution Field Investigation



Santa Rosa Island

