

PROJECT INFORMATION:

Category:

Military
Infrastructure

Location:

Vetrans Affairs Long Beach
Heathcare System
Long Beach, CA

Completion Date:

2012

Square Footage:

4,149 sf

Construction Cost:

\$6,182,900/



CONSULTANT TEAM:

Structural:

KPFF

Civil:

KPFF

Mechanical / Plumbing:

Randall Lamb

Electrical:

Randall Lamb



PROJECT DESCRIPTION:

The Project consists of the design and construction of a structure to initially house two (2) Emergency Management Generators and associated support equipment and infrastructure. The structure is sized and engineered to accommodate a third Generator system.

The building is comprised of 5 primary areas:

1. Generators Engine Room: A 2,105 high-bay space to accommodate three (3) fuel-supplied generators, fuel pumps, engine generator system, and associated equipment,
2. Sound Attenuation Cavity; A 582 SF acoustical dampening shaft located between the Generators Engine Room and the Generators Switchgear Room,
3. Generators Switchgear Room: A 1,162 SF single-story room designed to accommodate Electrical Switchgear Equipment,
4. Electrical Load Bank Yard, and
5. Fuel Tank Yard.