



SCHETTER ELECTRIC, INC.

Contracting and Engineering

The Jackson Laboratories West - Expansion Project

Completed Jan. 2009



Owner:

**The Jackson Laboratory
Bar Harbor, ME
Norm Burdzel (207) 266-0468**

Architect:

**RMW Architecture & Interiors
Sacramento, CA
Steve Guest (916) 449-1400**

General Contractor:

**MarketOne Builders, Inc.
Sacramento, CA
James Fitzgerald (916) 928-7474**

Electrical Engineer:

**Alfatech Cambridge
San Jose, CA
Toma Dordea (408) 487-1200**

Building Size:

110,891 SQ FT

Project Type:

Design Build

LEED Qualification:

Silver

Job Narrative:

Schetter Electric provided and installed the electrical installation for the expansion Jackson Labs. The building project was an existing two-story cold, dark shell. The building is 110,891 SQ FT made of concrete tilt-up wall panels with interior columns supporting structural lumber framing for roofing. This facility was created to further expand Jackson Laboratory West's ability to operate in a controlled, stable environment.

Phase I was a complete TI with first floor program space of 73,340 SQ FT, consisting of 46,800 SQ FT of dirty, clean space ABSL-2 and 26,540 SQ FT of ABSL-3 production area. The second floor space is 37,551 SQ FT, consisting of 26,100 SQ FT of dirty, clean space ABSL-2 and 11,451 SQ FT of ABSL-3 production area.

Schetter Electric furnished and installed the following major electrical components in a N+1 design:

- A new 4000a SMUD service, switchboard and distribution
- Two new 600kw generators in parallel
- Three transfer switches
- Four electrical rooms
- Chiller plant
- Boiler plant
- Three air handlers
- Sterilizers
- Cage wash, and fill
- A complete addressable fire alarm notification system