

## **815 Buena Vista West San Francisco (Walden House)**

Seismic retrofit of 4 story unreinforced brick masonry historic land mark drug rehabilitation building.

**Project Owner:** Walden House, Inc.

**Project Funding:** Mayors Office of Housing

**Construction Manager:** Swinerton Management & Consulting, Inc.

**Project Engineer:** Structural Design Engineers, Inc.

**Project Architects:** Cee Architects, Inc.

### **Seismic retrofit elements included:**

- Re-removal, adding roof diaphragm strengthening and new re-roof (+/- 8400 SQ. Feet).
- Installation of steel moment frames with new foundations.
- Installation of new shotcrete, concrete masonry blocks & wood framed shear walls as new lateral seismic resisting systems.
- Installation of new wall to floor steel anchors and hardware at each floor.
- Installation of new parapet braces.
- Installation collector (tie) hardware throughout.

### **Renovations Work included:**

- Installation of new copper dome structure membrane.
- Installation of new skylights.
- Installation of complete new commercial kitchen (with hood, make up air, ansul system, fire safety, electrical system).
- Renovation of several handicap showers.
- Installation of new handicap entrance.
- Installation of new sidewalk, and provisions for garbage trash enclosure.