Boelter Hall/Workshop Room

Building: Ackerman Student Union
Gravity/LFRS: Unknown
Geology: Surficial geology mapped as Quaternary alluvium and older alluvium by Dibblee and Ehrenspeck (1991)*


Before 2015 earthquake

Following 2015 EQ
Building: California NanoSystems Institute (CNSI)
Built: 2000
Bridges: Suspended steel

Before 2014 earthquake

Damage summary:
cable breakage, local buckling, connection failure
**Location:** Court of Sciences  
**Construction:** Surrounding buildings were constructed in 1950’s-1960’s  
**Geology:** Surficial geology mapped as Quaternary alluvium and older alluvium by Dibblee and Ehrenspeck (1991)*; excerpt at right:


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**Before 2015 earthquake**

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**After the 2015 EQ**
Building: Kerckhoff Hall
Built: 1929
Building System: Reinforced Concrete and Brick, 6 Stories
LFRS: Base-isolation system installed after 1994 Northridge EQ damage; at the time, oldest base-isolated building in California!


33 lead rubber bearings (LRB) and 93 natural rubber bearings (NRB) installed.

Damage following 2015 EQ


Kerckhoff Hall Opening Ceremony, 20 Jan. 1931
photo: alumni.ucla.edu/share/ucla-history

Boelter Hall/Workshop Room
Parking Structure 8
You are here
Boelter Hall/Workshop Room
Building: Mathematical Sciences Building
Built: 1957
Gravity/LFRS: Reinforced concrete moment frame visible; not known if shear walls are used in building
Retrofit: Structure was retrofitted between 1992-1994; details unknown

Following 2015 earthquake
Building: Parking Structure 8
Built: 1977
LFRS: Reinforced concrete shear walls
Gravity System: Reinforced concrete columns
Retrofit: FRP visible on columns; details unknown. You are aware that many structures on campus were retrofitted in the late 1980’s and 1990’s.

Before 2015 earthquake

Following 2015 earthquake
Building: Parking Structure 8
Built: 1977
LFRS: Reinforced concrete shear walls
Gravity System: Reinforced concrete columns

Before 2015 earthquake
Building: California NanoSystems Institute (CNSI)
Built: 2000
Bridges: Suspended steel

Before 2014 earthquake

Damage summary:
cable breakage, local buckling, connection failure