

June 17, 2016

Victoria Groh
Senior Project Manager
UCLA Capital Programs – Design & Construction
1060 Veteran Avenue, Box 951365
Los Angeles, CA 90095-1365

Re: University of California Seismic Rating for the UCLA Jules Stein Eye Institute Building (12120.00)

Dear Victoria:

Based upon previous structural analyses of the UCLA Jules Stein building, the existing structure had a Seismic Rating "V" per Table A.2 of the University of California Seismic Policy (September 15, 2014). A seismic structural upgrade has been performed in order to achieve a Seismic Rating "III".

The seismic upgrade was undertaken based upon structural drawings provided by Nabih Youssef & Associates Structural Engineers, dated 1/16/2015. The comprehensive seismic upgrade consisted of fiber reinforced polymer (FRP) application at 16 exterior concrete columns between the 1st floor and roof, along with localized FRP application at existing knockout panels at the southern concrete shearwall. In addition, localized FRP seismic strengthening was applied to specific remaining portions of the existing western concrete walls below the 1st floor to accommodate new openings.

The Basis of Analysis, strengthening calculations, and construction documents were peer reviewed by Tom Sabol (Englekirk Institutional). Based on the completion of construction of the seismic upgrade, it is our opinion that the expected earthquake performance of the building corresponds to the University of California Policy Seismic Rating of III.

Sincerely,

NABIH YOUSSEF & ASSOCIATES



Nabih Youssef, S.E.
Principal

Enclosure

cc: J. Stenfors (Stenfors Architects); File 12120.00