

April 27, 2012
Project No. 301699007

Mr. Ronald Evans
JMA Architecture
10150 Covington Cross Drive
Las Vegas, Nevada 89144

Subject: Amended Dynamic Lateral Earth Pressure Recommendations
Admin Building at VA Medical Center
Northeast Corner of Pecos Road and Centennial Parkway
North Las Vegas, Nevada

References: Ninyo & Moore report titled, "Geotechnical Evaluation, Veterans Affairs Medical Center, North Las Vegas, Nevada," dated May 1, 2006.

Ninyo & Moore letter titled, "Update of Geotechnical Evaluation Report, Admin Building at VA Medical Center, Northeast Corner of Pecos Road and Centennial Parkway, North Las Vegas, Nevada," dated September 23, 2011.

Dear Mr. Evans:

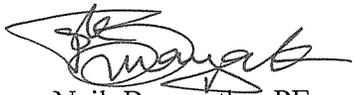
At your request, Ninyo & Moore is pleased to provide these amended geotechnical recommendations for the subject project. The purpose of this letter is to amend our dynamic lateral earth pressure recommendations for the proposed Admin Building at VA Medical Center located in North Las Vegas, Nevada. Ninyo & Moore previously performed geotechnical studies for the Veterans Affairs Medical Center project, which included preparation of the referenced geotechnical evaluation report and letter.

Ninyo & Moore's dynamic lateral earth pressure recommendations provided in the referenced letter were based on the assumption that the seismic design category (SDC) for the proposed Admin Building is D. However, based on our conversations with JMA Architects and Degenkolb Engineers personnel, it is our understanding that the SDC for the proposed Admin Building is C. Accordingly, the retaining walls for the proposed Admin Building may be designed using dynamic lateral earth pressure recommendations provided in Section 8.3 of the referenced report in lieu of the recommendations provided in the referenced letter.

It is also understanding that the restrained retaining walls associated with the proposed Admin Building will be up to approximately 21 feet high. These retaining walls, which are restrained from movement at the top and have level backfill behind the wall, may be designed using an “at-rest” equivalent fluid unit weight provided in Section 8.3 of the referenced report.

We appreciate the opportunity to be of continued service to you on this project.

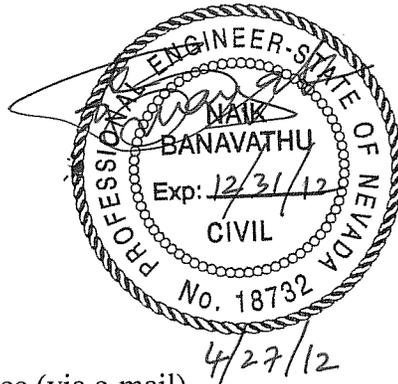
Respectfully submitted,
NINYO & MOORE



Naik Banavathu, PE
Senior Project Engineer

NB/EDE/ltk

Distribution: (1) Addressee (via e-mail)



Eric D. Elison, PE
Chief Geotechnical Engineer