

May 2, 2017

Joseph City Junior/Senior High School  
Joseph City, AZ

Re: Joseph City Marquee  
8137 Randall Ave.  
Joseph City, AZ  
MBI Comm. No.:170210.01r2

Attn: Eric Miller

Dear Eric,

In regards to the Joseph City Marquee, I have completed my review of the Geotechnical Evaluation Report provided by Western Technologies, Inc. for the Photovoltaic Array Relocation dated September 28, 2016. I understand the proximity of the soil borings reported within the referenced Geotechnical Report can be utilized to validate the soil bearing assumptions used in the foundation design for the Joseph City Marquee drawing by Darren S. Antle, P.E. dated April 11, 2017.

The information provided in the above-referenced soil report (including the soil boring results) substantiate an allowable lateral bearing pressure of 400 psf/ft of depth. The lateral bearing vertical slab foundation used in my design for the Joseph City Marquee was designed on a basis of 150 psf/ft of depth (but doubled as per applicable IBC code requirements). Therefore, the foundation design is adequate when compared to the data provided in the above-referenced Geotechnical Report.

If you have any questions concerning the information stated above, please feel free to contact me. Thank you for your time.

Sincerely,  
Darren S. Antle, P.E.



Darren S. Antle, P.E.  
Associate / Structural Engineer

EXPIRES 03/31/18

A handwritten signature in blue ink, appearing to read "W. Nicholas Deal".

W. Nicholas Deal, P.E., S.E. (TN)  
Principal / Structural Engineer