

LETTER OF CLARIFICATION NO. 1 - MARCH 4, 2024



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Sent via email: amerrill@siegfriedeng.com

February 24, 2023

BSK Project G22-076-11L

Adam Merrill, PE
Siegfried Engineering, Inc.
3428 Brookside Road
Stockton, CA 95219

**SUBJECT: Revised Final Geotechnical Plan Review Letter
Stockton City Hall New Parking Lot
West Weber Avenue and North Lincoln Street
Stockton, California**

Dear Mr. Merrill:

BSK Associates (BSK) is pleased to present this revised final geotechnical review letter for the above-referenced project. The purpose of our review was to evaluate whether the referenced project plans are in general conformance with the intent of the geotechnical recommendations presented in BSK's geotechnical report for the project entitled *Revised Limited Geotechnical Investigation Report, Stockton City Hall New Parking Lot, West Weber Avenue and North Lincoln Street, Stockton, California*, dated June 16, 2022 (BSK Project No. G22-076-11L). Our original geotechnical review letter was issued on February 8, 2023 and contained some comments which have been addressed.

Our final review letter was issued on February 10, 2023 and has been revised to incorporate discussion about an alternative pavement section being considered for the project.

Civil Plans Review Comments

The civil plans we reviewed consisted of Sheets C3.0 (dated 02/10/23), C3.1 (dated 02/10/23), C4.0 (dated 02/10/23), C4.1 (dated 02/10/23), C4.2 (dated 02/10/23), C4.3 (dated 02/10/23), C5.0 (dated 02/03/23), C5.1 (dated 02/03/23), C8.0 (dated 02/10/23), C8.1 (dated 02/10/23), and C8.2 (dated 02/03/23) prepared by Siegfried Engineering of Stockton, California. Based on our review, the plans listed above appear to be in general conformance to the recommendations presented in the geotechnical report.

Electrical Plans Review Comments

The electrical plans we reviewed consisted of Sheets E3.0, E3.1, and E3.3 undated (print date of February 2, 2023) prepared by Pezzoni Engineering, Inc. of Modesto, California. Based on our review, the plans listed above appear to be in general conformance to the recommendations presented in the geotechnical report.

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Alternative Pavement Section

We understand the City of Stockton (City) and Siegfried Engineering are considering an alternative pavement section for the project that was recently proposed by Tensar®. The current project plans currently require 3.5 inches of asphalt concrete over 14.5 inches of Caltrans Class 2 aggregate base for the new parking lot. According to Tensar®, if InterAx NX750 or NX850 geogrid is placed between the subgrade and the aggregate base layer, the thickness of the aggregate base layer can be reduced to 7.5 inches. BSK takes no exception to this reduction in the pavement section provided InterAx NX750 or NX850 geogrid is used underneath the aggregate base section.

Additional Comments

The above summarizes our geotechnical review comments concerning the referenced plans at this time. Our review of the portions of the plans identified above did not include checking for conformance with state or local codes or client requirements. Our review was limited to checking only items that are affected by the geotechnical recommendations presented in the referenced geotechnical report for this project.

Our review was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of BSK's profession practicing in the same locality, under similar conditions and at the date the services are provided. BSK makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

Closure

We trust that this letter addresses your needs at this time. If you have any questions, please call the undersigned at (925) 315-3151.

Respectfully submitted,
BSK Associates


Cristiano Melo, PE, GE #2756
Livermore Branch Manager




Carrie L. Foulk, PE, GE #3016
Geotechnical Group Manager

