



GEOTECHNICAL ENGINEERING  
EARTHWORKS CONTROL  
ENVIRONMENTAL CONSULTING  
CONSTRUCTION MATERIAL TESTING

March 10, 2022

Mr. Mike Weisenborn  
Development Center  
220 SE Green Street  
Lee's Summit, MO 64063

RE: Mega Storage Project  
620 NE Town Center Dr.  
Lee's Summit, MO

Dear Mr. Weisenborn:

Rone Engineering Services, Ltd have been requested to review the pavement design for the Mega Storage project and the City of Lee's Summit requirements for a 4 inch aggregate base beneath the concrete pavement section. It is MegaStorage's desire to eliminate the aggregate section.

Rone Engineering has evaluated the asphalt and concrete sections in the city municipal code Section 8.620.F.1 and the Mega Storage desired section of 6 inches of Portland Cement Concrete over a minimum of 9 inches of prepared soil subgrade. Using the American Concrete paving Association software winPAS, Rone evaluated the concrete section as well as the asphalt section shown in the same section of the city code corresponding to those sections.

The results of the WinPAS evaluation is that the desired section of 6 inches of concrete directly on a minimum 9 inches of compacted soil subgrade has an ESAL capacity equal to the city section, and twice the design capacity of the project.

Please call if you have any questions. We look forward to working with you on the project.

Respectfully submitted,

  
Kelly E Rotert, P.E.  
Executive Vice President



cc Kevin Henter

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8908 AMBASSADOR ROW | DALLAS, TEXAS 75247 | TEL: 214.630.9745