

August 17, 2018

NorthPoint Development
 4825 NW 41st Street, Suite 500
 Riverside, Missouri 64150

Attn: Mr. Brad Haymond – Project Manager

Re: Geotechnical Engineering Report Addendum 2
 Summit Square II Apartments - Pavements
 NW Ward Road and NW Donovan Road
 Lee's Summit, Missouri
 Terracon Project Number: 02185057.02

Dear Mr. Haymond:

Terracon Consultants, Inc. (Terracon) performed geotechnical engineering services and submitted a Geotechnical Engineering Report for the second phase of the Summit Square Apartments project (Terracon Project No. 02185057, report dated May 11, 2018). We understand that the client would like to use an alternative pavement section to the sections provided in Article 12 of the City of Lee's Summit Unified Development Ordinance (UDO). We further understand that the alternative pavement sections provided herein were used in the first phase of the Summit Square Apartments Project and are performing well.

Following submittal of our previous addendum letter (Terracon Project No. 02185057.01 letter dated June 14, 2018) we were notified that we had not been provided with the actual as-constructed pavement section for Summit Square Phase 1. This addendum letter refers to the actual as-constructed pavement sections from Summit Square Phase 1 as provided to us by the project civil engineer Renaissance Infrastructure Consulting (RIC). We have included the alternative sections for both light-duty and heavy-duty applications in the tables below:

Light-Duty Pavement Section

UDO Pavement Section	Alternative Pavement Section
1.5 inches ACC surface 4 inches ACC base 6 inches granular base with Geogrid – OR – 6 inches granular base course with 6 inches stabilized subgrade	2 inches ACC surface 4 inches ACC base 6 inches MoDOT Type 5 Aggregate 8 inches compacted subgrade (soil/gravel mixture)

Geotechnical Engineering Report Addendum

Summit Square II Apartments - Pavements ■ Lee's Summit, Missouri
August 17, 2018 ■ Terracon Project No. 02185057.02



Heavy-Duty Pavement Section

UDO Pavement Section	Alternative Pavement Section
1.5 inches ACC surface 5 inches ACC base 6 inches granular base with Geogrid – OR – 6 inches granular base course with 6 inches stabilized subgrade	2 inches ACC surface 6 inches ACC base 6 inches MoDOT Type 5 Aggregate 8 inches compacted subgrade (soil/gravel mixture)

Based on the soil conditions encountered at the site and the performance of the alternative pavement section in the adjacent Phase 1 development, it is our opinion that the alternative pavement section will perform in a suitable manner for this project.

The information and opinions in this addendum letter are intended only to supplement those in our referenced geotechnical report, and this letter should be considered part of that report. The recommendations in our original report remain valid. The qualifications and limitations stated in our geotechnical report apply to this addendum letter.

We appreciate the opportunity to be of continued service to you on this project. If you have any questions regarding this addendum, or if we may be of further assistance to you, please contact us.

Sincerely,

Terracon Consultants, Inc.

Kevin D. Friedrichs, P.E.
Project Engineer
Missouri: PE 2013010325



Kole C. Berg
Kole C. Berg, P.E.
Senior Associate
Missouri: PE 2002016417