



August 3, 2018

City of Lee's Summit  
220 SE Green Street  
Lee's Summit, MO 64063

RE: Pergola Park Fifth Preliminary Development Plan – Stormwater Memorandum

Dear City Reviewer:

Pergola Park Fifth is proposed as an 80-lot single family residential subdivision, southwest of the intersection of SW Longview Boulevard and SW Longview Road in Lee's Summit, Jackson County, Missouri. The project is an extension of the New Longview subdivision, adjacent to the north and east.

Site runoff will be conveyed into two watersheds, "Watershed A" flowing to the east, and "Watershed B" flowing to the west.

Approximately 21.50 acres of the site will be conveyed to the east within Watershed A to Old Longview Lake. The approved macro drainage study assumed the design of the lake accounted for this development, which has also been updated per the "Old Longview Lake Hydrologic and Hydraulic Evaluation Memorandum". Per the Old Longview Lake improvements, a native vegetated strip will be provided on the backs of lots 41-51 adjacent to the lake.

The remaining 6.18 acres of the site will be conveyed west within Watershed B to Longview Lake. Of this area approximately 2.34 acres will continue to sheet flow off the property and remaining will be conveyed via storm sewer. Prior permitting, area will be further investigated for possible treatment or detention options.

As anticipated for the previously approved developed plan, the site will be developed as single-family residential, with a proposed curve number of 82.

Thank you for your assistance. Should you have questions or need additional information please call our office.

Sincerely,

Olsson Associates

A handwritten signature in blue ink, appearing to read 'Julie E. Sellers', is written over the printed name.

Julie E. Sellers, P.E.