



June 29, 2020

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

Re: DCI – Lee's Summit (PL2019246)
2001 NW Shamrock Avenue

Dear Mr. Williams:

The purpose of this letter is to provide our approval for the modification of the proposed extended dry detention pond outlet structure noted as Structure A1 in the approved design drawings. Due to construction constraints in the field, the contractor, Axiom Northwest Construction Inc., has requested to remove the highest 1" orifice and replace the 8" orifice shown in the approved design drawings with four (4) 4" orifices. The drainage design summary report with routing calculations has been revised with five (5) 1" orifices equally spaced vertically at 4" o.c. starting at elevation 961.52 and four (4) 4" orifices set at elevation 963.90. The revised calculations reflect post developed peak flows less than the required allowable post developed peak flows for the 2-year, 10-year, and 100-year storm events. The other components of the outlet structure are to remain as designed in the approved drawings.

The contractor has informed us that the outlet structure box was broken on site June 18, 2020. The contractor intends to rejoin the piece of the damaged structure with dowels and then grout from the inside and the outside with Hilty epoxy 200E.

We understand the revisions mentioned in this letter are to be reflected in the stormwater as-builts along with the revised calculations in accordance to the City of Lee's Summit regulations.

Best Regards,

Catalyst Design Group

A handwritten signature in black ink, appearing to read 'J. Parker'.

Jack Parker, PE, LEED AP
Principal, Senior Project Manager

