



ENGINEERING
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March 21, 2022

TCPA – Kalmar Township
Attn: Dave Meir
Rochester Township Hall
4111 11th Ave SW
Rochester, MN 55902

RE: Conditional Use Permit, Grading and Erosion Control Plan and SWPPP/Drainage Report for DeCook Driveway & Pond Project (SE ¼ Section 15 & SW ¼ Section 14, Kalmar Township)

Dear Mr. Meir,

Our firm has been hired by Jessup DeCook to assist in the design and permitting of a driveway to allow for construction of a new residential structure. A pond is proposed to be excavated in addition to the driveway construction. Enclosed are grading plans (seven sheets), a combined Storm Water Pollution Prevention Plan & Drainage Report, TCPA grading plan checklist and Conditional Use Permit application with its supporting documentation. The executed Grading Permit and Conditional Use Permit Applications have been included in this submittal package. Respective filing fees will be delivered direct to your office. Future applications for the building permit, ISTS installation and well will be submitted by the owner at the time they are ready to construct.

The need for a CUP is based on soils being mapped as Otter silt loam (468) which is a designated flood prone soil. A section of the driveway and pond falls within this soil class, of which disturbance necessitates the Conditional Use. The pond itself also falls under a Conditional Use per Section 10.24B. of the Ordinance. The natural topography of the area is such that the building site is elevated more than 60 feet above the 100-year high water level of the proposed pond. Four culverts ranging from 18” to 24” are proposed under the private driveway. The pond will serve a dual purpose as a rate of runoff controller reducing flows off-site and source of permanent stormwater treatment. The construction of the driveway and pond allows for adequate conveyance of storm water runoff without adverse impacts to upstream or downstream properties. Information pertaining to storm water runoff rates, culvert sizing and flooding potential are all addressed in the attached combined SWPPP & Drainage Report. Please review and call with any questions.

Sincerely,

Jason Kappers, EIT
G-Cubed Inc.

CC: Jessup DeCook – Owner
Geoffrey G. Griffin, PE – G-Cubed, Inc.