



City of Grand Forks

Engineering Department

255 North Fourth Street • P.O. Box 5200 • Grand Forks, ND 58206-5200

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October 27, 2017

Dustin Fanfulik
Widseth Smith Nolting
1600 Central Avenue NE
East Grand Forks, MN 56721

Re: Wells Concrete Site Plan

Dear Mr. Fanfulik:

The Engineering Department has reviewed the Site Plan and the Stormwater Management Plan (SWMP) and have the following comments.

Site Plan:

Please show where the ditches on the perimeter drain. This runoff needs to be routed to the pond.

Pipe slopes are below minimums to maintain velocities keeping them clean.

Inlets and pipes are deeper than typically seen.

SWMP:

The pond exceeds minimum City Standards for water quality and quantity reduction.

The water quality volume is almost double what is required.

The pond control structure restricts outflow drawdown time to be 80 hours. 12-hour minimum detention time is required for a wet pond design.

The outlet control structure diagram depicts a 12-inch outlet pipe. This pipe was not accounted for in the calculations.

If you have any questions, I can be contacted at 746-2644.

Sincerely,

Matthew Yavarow, PE
Asst. City Engineer