



December 29, 2015

Thomas Graham Associates, Inc.
803 Compton Road, Suite A
Cincinnati, OH 45231-3819

**RE: Proposed Kroger
Kyles Station Rd and St Rt 4**

Bob Trenkamp:

This office has reviewed the submitted Preliminary Drainage Calculations and Preliminary Construction Drawings and has the following comments:

1. Please provide a copy of the ODOT Hydrology Approval letter.
2. Please ensure that the detention basin outlet structure details shown on the drawings match the numbers used in the calculations. (the drawings indicate a 2.1-foot diameter opening at 770.5; the basin calculations indicate a 2.5-foot opening. The drawings indicate 4 5-foot windows at 773.4; the calculations indicate 1 8-foot opening at 773.3. The proposed weir in the calculations is at 773.5 with a length of 12-feet; the drawings do not indicate an elevation for the proposed sidewalk and the area, per the provided grading plan would be significantly wider than 12-feet)
3. Note, per the Butler County Subdivision Regulations, the required water quality volume is provided in addition to the required detention volume.
4. Please provide the proposed storm drain pipe sizing calculations.
5. The proposed mass grading plan indicates a proposed sediment basin along the east property line of lot 5; however, there is no outlet information provided.

If you have any questions, please contact me at (513) 785-4142 or via email at barnest@bceo.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "T. Barnes", with a long horizontal flourish extending to the right.

Teresa Barnes, P.E.
Design Engineer

cc: file