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MEMO

To: Jefferson City Planning Commission Members, State Planner and Jeff Houston, Jefferson City, TN

From: T. Clint Harrison, P.E.

Date: April 1, 2025

RE: Ryan Rasnick site plan

I'm writing to provide information regarding drainage at the proposed storage building site on Highway 92 as shown on my submitted site plan.

The owner proposes to only install 2 new storage buildings on the site. Future buildings might be added, but for now, the small amount of new impervious and gravel area does not warrant a full stormwater facility design.

Approximately ½ acre will be disturbed with essentially all the disturbed area being stripping and compacting the area for the buildings and drive aisles. No mass grading is needed as the site grades are essentially at the elevation needed for construction.

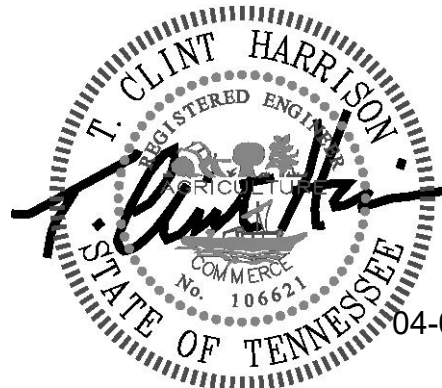
There is an existing, well established drainage ditch along Lot 2 near Hinchey Hollow Rd. that conveys stormwater from the subject Lot 3 to an existing storm inlet and storm pipe under Hinchey Hollow Road.

My recommendation is to keep the current drainage system in place for the two new buildings. If the owner proceeds with future buildings on this site, I would propose an updated design to include detention between Lots 2 and 3 to account for the new runoff generated from additional buildings.

Sincerely,



T. Clint Harrison, P.E.



04-01-2025