



Henry County Environmental Compliance & Plan Review

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Engineering Plan Review: Commercial & Industrial Sites

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> Stand Alone | <input type="checkbox"/> Approved |
| <input type="checkbox"/> Common Development | <input type="checkbox"/> Disapproved |
| <input type="checkbox"/> Infrastructure | |

Project Description:

Sheet #:

- 1: Development Name: _____
- 2: Name(s) of County Road(s) on which development will have access:

- 3: Proposed Use and Zoning: _____
Landlot(s) and District: _____
- 4: Developer: _____ Phone No. _____
Address: _____
- 5: Engineer: _____ Phone No. _____
Address: _____
6. Graphic Scale, North Arrow, Date, and Site Vicinity Map (Location Map) _____
7. Total Site Area: _____

Existing Conditions:

1. Topographic contours at vertical intervals of not more than two (2) feet, including outline of wooded areas and surface drainage. _____
2. Deed record name and addresses of adjoining property owners or subdivisions. Show lot lines and lot numbers for adjoining subdivisions. _____

- () 3. Attach copy of all zoning conditions and resolutions to plans. _____
- () 4. Dimensions on perimeter of development. (Existing Plat) _____
- () 5. Location of state waters including streams, lakes, swamps, and land subject to a 100-year Flood Hazard. Show contour elevation of 100-year floodplain. _____
- () 6. Existing Drainage Patterns: The boundaries of the pre-developed drainage basins shall be shown on a map. The map shall include the number of acres in each basin, the pre-developed runoff coefficient, and the time of concentration.
STORMWATER DEPT. REVIEW _____
- () 7. Width of pavement(s) and right(s)-of-way of existing roads. _____
- () 8. Location and size of existing drainage structures. Show existing drainage area routed through each structure.
STORMWATER DEPT. REVIEW _____

Proposed Conditions:

- () 1. Layout of proposed driveway(s) onto county road(s). Show width and radius of proposed pavement.
HENRY CO. DOT REVIEW _____
- () 2. Show the intersection sight distance for all points of access onto county roads. Measurement of sight distance must be per the ULDC. Show the posted speed limit of the existing road(s). All street profiles shall meet or exceed the minimum geometry requirements shown in the ULDC.
HENRY CO. DOT REVIEW _____
- () 3. Georgia D.O.T. permit required for all construction in State Right Of Way _____
- () 4. Final Contours: Show final contours at a vertical interval of not more than two (2) feet. No cut or fill slopes to exceed 2:1. _____
- () 5. Construction plans of storm drainage systems with pipe sizes, length, grade, location of outlets, runoff and velocity calculations, etc. All storm drainage systems carrying off-site runoff shall be designed for the 100-year storm event. HGL needs been shown on all storm drains. All storm pipe within the county right-of-way shall be per ULDC (Table 8.01.13). All drainage structures within the county right-of-way shall meet Henry County Construction Standards, at a minimum.
STORMWATER DEPT. REVIEW _____
- () 6. Stormwater Management: A hydrologic study should be included and the necessary outlet control structures should be shown on the plan. No increase in runoff or velocity will be permitted. Attach engineering certification that improvements will not adversely impact downstream property. Show note on plans. **An as-built detention pond detail and a revised hydro study shall be submitted to Henry County prior to the final approval of this development.**
STORMWATER DEPT. REVIEW _____
- () 7. Show a five (5) foot high fence on all detention ponds with a 100-year ponding elevation over four (4) feet. A twelve (12) foot wide gate to be located by the _____

- () 8. Note on plans: THE DETENTION POND'S MAINTENANCE UNDERDRAIN IS INTENDED TO DRAIN THE POND IN 24 HOURS FOR ANY REQUIRED INSPECTION OR MAINTENANCE. THE DETENTION POND'S GATE VALVE MAY ONLY BE OPENED UPON AUTHORIZATION BY THE HENRY COUNTY STORMWATER MANAGEMENT DEPARTMENT.
- () 9. Show M.F.E. For lots Adjacent to the Detention Pond.
- () 10. Show an As-built 100 Year Ponding Elevation for the Detention Pond
- () 11. Proposed Drainage Patterns: The boundaries of the post-developed drainage basins shall be shown on a map. The map shall include the number of acres in each basin, the post-developed runoff coefficient, and the time of concentration for each basin.
- () 12. Retaining Walls must have top of wall elevation and bottom of wall elevations on plans and any wall exceeding 4 feet must have design drawing by Georgia registered professional engineer submitted separately for review. A copy of the retaining wall permit requirements must also be put on development plans.
- () 13. Detail Drawings: Any structural practice used should be explained and illustrated with detail drawings. Must, as a minimum, meet Henry County Standards.

Contact Information:

Stormwater Management:
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Reviewed By: _____ Date: _____

Print: _____

E-mail: _____