MONTGOMERY COUNTY GOVERNMENT
BUILDING AND CODES DEPARTMENT
350 Pageant Lane, Suite 309
Clarksville, TN 37040
Phone 931-648-5718 Fax 931-553-5121

Plan Submittal Checklist

1. Development Application form and fees
2. One (1) copy of grading, drainage, and erosion control plans at a scale no less than 1" (one inch) = 100' (one hundred feet)
3. Location Map including Tax Map and Parcel Number.
4. Existing and proposed site contours at an interval no greater than two (2) feet (horizontal datum NAD83 and vertical datum NAVD88).
5. Existing and proposed buildings on the property.
6. Existing and proposed impervious surfaces on property.
7. Existing and proposed storm water management structures on and in the immediate vicinity of the property. Plans must include the location, size, and capacity of the next two structures immediately downstream in every direction that will receive runoff. Must include size, type, slope, and invert elevation of the structures.
8. At least one benchmark located, with the proper elevation indicated (horizontal datum NAD83 and vertical datum NAVD88).
9. Construction exits.
10. Temporary erosion and sediment control measures to be implemented during construction.
11. Water quality buffers delineated along all streams, rivers, pond, wetlands, CVIW and other water bodies.
12. Method of protecting water quality buffers during construction.
13. Method of protecting water quality buffers after construction.
14. Final stabilization measures proposed for all disturbed areas.
15. Storm water management system design calculations based on appropriate design storms. Calculations should include but not be limited to curb and gutter sections, inlets, pipes, culverts, bridges, and ditches.
16. Storm water quantity detention design calculations including inflow and outflow hydrographs, storage computations, and details of all outlet works including any spillway or overflow devices.
17. Sinkhole and/or drainage well design calculations including storage computations, hydraulic calculations, and details of all outlet works including any spillway, injection well or overflow devices.
18. Identify the highest closed contour of all sinkholes, sinkhole throats, closed sinkholes, caves , class V injection wells, etc.
19. Storm water quality control measures, including structural and non-structural BMPs. Include calculations and information for the non-structural BMP.
20. All structural storm water quality BMPs must be located in a permanent easement.
21. Storm water pollution prevention plan (see Section 8).

22. Existing and proposed floodplain and floodway boundaries and associated elevations.
23. Finished floor elevations for buildings in and adjacent to the floodplain and any flood hazard areas adjacent to local drainage systems.
24. Proposed drainage easements.
25. Detail drawings of swales, ditches, inlets, head walls, detention pond or sinkhole outlet structures and overflows, erosion control measures, storm water quality BMPs, etc.
26. Delineation of wetlands or other environmentally sensitive areas.
27. Sinkhole and drainage well information, if applicable to the site conditions.
28. Identify all proposed fill lots on plans.
29. Subdivision plans should include typical roadway pavement section and plan and profile of proposed roadways.
30. Proposed construction schedule.
31. Copies of permit applications or Notice of Intents (NOI's) for applicable State and Federal permits:
    - USACE Section 404 Permit
    - TN Aquatic Resource Alteration Permit
    - TN Underground Injection Control Permit
    - TN Construction General Permit (NOI)
    - Other
32. Plan must be stamped by a professional registered to practice in the State of Tennessee

Threatened or Endangered Species or Habitat evaluation:

33. Does the proposed development contain a stream, wetland or cave?
34. Does proposed development alter 5 or more acres of native vegetation?
35. Does the proposed development site discharge into a stream or river within a mile upstream from and draining to a known occurrence of a threatened or endangered aquatic species or known critical aquatic habitat, based upon the information contained in the Natural Heritage Program's program?

The applicant is required to contact the TDEC Natural Heritage Program to determine if Threatened or Endangered Species or Habitat will be impacted by this project.

SWPPP Requirements

<u>Stormwater Pollution Prevention Plan requirements</u>. The erosion prevention and sediment control plan component of the SWPPP shall accurately describe the potential for soil erosion and sedimentation problems resulting from land disturbing activity and shall explain and illustrate the measures that are to be taken to control these problems. The plan shall be sealed by a registered professional engineer or landscape architect licensed in the state of Tennessee. In addition to the requirements listed in Section 3 of the Construction General Permit, the SWPPP shall at least include the following:

1. Project description: Briefly describe the intended project and proposed land disturbing activity including number of units and structures to be constructed and infrastructure required.

2. A topographic map with contour intervals of two (2) feet showing present conditions and proposed contours resulting from land disturbing activity.

3. All existing drainage ways, including intermittent and wet-weather. Include any designated floodways or flood plains.

4. A general description of existing land cover. Individual trees and shrubs do not need to be identified.

5. Stands of existing trees as they are to be preserved upon project completion, specifying their general location on the property. Differentiation shall be made between existing trees to be preserved, trees to be removed and proposed planted trees. Tree protection measures must be identified, and the diameter of the area involved must also be identified on the plan and shown to scale. Information shall be supplied concerning the proposed destruction of exceptional and historic trees in setbacks and buffer strips, where they exist. Complete landscape plans are required to be submitted for approval by the Building Commissioner. The plan must include the sequence of implementation for tree protection measures.

6. Approximate limits of proposed clearing, grading and filling.

7. Approximate flows of existing stormwater leaving any portion of the site.

8. A general description of existing soil types and characteristics and any anticipated soil erosion and sedimentation problems resulting from existing characteristics.

9. Location, size and layout of proposed stormwater and sedimentation control improvements.

10. Existing and proposed drainage network.

11. Proposed drain tile or waterway sizes.

12. Approximate flows leaving site after construction and incorporating water run-off mitigation measures. The evaluation must include projected effects on property adjoining the site and on existing drainage facilities and systems. The plan must address the adequacy of outfalls from the development: when water is concentrated, what is the capacity of waterways, if any, accepting stormwater off-site; and what measures, including infiltration, sheeting into buffers, etc., are going to be used to prevent the scouring of waterways and drainage areas off-site, etc.

13. The projected sequence of work represented by the grading, drainage and erosion control plans as related to other major items of construction, beginning with the initiation of excavation and including the construction of any sediment basins or retention/detention facilities or any other structural best management practices.

14. Specific remediation measures to prevent erosion and sedimentation run-off. Plans shall include detailed drawings of all control measures used; stabilization measures including vegetation and non-vegetation measures, both temporary and permanent, will be detailed. Detailed construction notes and a maintenance schedule shall be included for all control measures in the plan.

15. Specific details for: the construction of stabilized construction entrance/exits, concrete washouts, and sediment basins for controlling erosion; road access points; eliminating or keeping soil, sediment, and debris on streets and public ways at a level acceptable to the County. Soil, sediment, and debris brought onto streets and public ways must be removed by the end of the work day to the satisfaction of the County. Failure to remove the sediment, soil or debris shall be deemed a violation of the SW Resolution.

16. Proposed structures: location and identification of any proposed additional buildings, structures or development on the site.

17. A description of on-site measures to be taken to recharge surface water into the groundwater system through runoff reduction practices.

18. Specific details for construction waste management. Construction site operators shall control waste such as discarded building materials, concrete truck washout, petroleum products and petroleum related products, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality. When the material is erodible, such as soil, the site must be treated as a construction site.