

Note to those supplying plans for review: The items in the following checklist must be included in all submissions unless the item is not applicable to the particular plan. In order to make the review process work as quickly as possible, it will be necessary to return all incomplete plan sets without a review. Please insure that your plans are complete prior to submitting them by indicating below the plan sheet number or other location where the required information can be found and submit check list with your plan.

### **Drainage Review Check List**

- \_\_\_\_\_ Erosion and Sediment Control Plan. In accordance with the Virginia Erosion and Sediment Control Handbook (see chapter six, page 13 of the handbook for a detailed checklist to use in the preparation of the Plan).
- \_\_\_\_\_ Erosion and Sediment Control Narrative. In accordance with the Virginia Erosion and Sediment Control Handbook (see chapter six, page 13 of the handbook for a detailed checklist to use in the preparation of the Narrative). All applicable Minimum Standards must be addressed in the narrative. A written request for a variance must be submitted for any proposed measures that do not meet the requirements of the minimum standards.
- \_\_\_\_\_ Details of sediment basin(s) if required. Note: if the total contributing drainage area of any disturbed area is equal to or greater than three acres, then a sediment basin is required. Details must include an elevation view of the basin showing all applicable design elevations such as 25 year storm, crest of emergency spillway, crest of riser pipe, top of wet and dry storage areas, sediment clean-out point, etc.
- \_\_\_\_\_ Itemized cost estimate of the expected cost to provide, maintain, and remove all Erosion and Sediment Control measures.
- \_\_\_\_\_ Site Specific sequence of construction outlining the installation and removal of erosion and control measures in relationship to the development of the site shall be shown on the plan.
- \_\_\_\_\_ A Natural Resources Inventory in accordance with Section 23.2 -6 of the County Code including a plan sheet which clearly depicts the extent and location of the natural resources.
- \_\_\_\_\_ Depict the extent of any areas within the Watershed Management and Protection Area Overlay in accordance with Section 24.1.376 of the Zoning Ordinance.
- \_\_\_\_\_ A Stormwater Management Plan in accordance with Section 23.3-12 of the County Code including two drainage maps, one showing existing topography and existing drainage conditions; the second, A Drainage plan drawn over a topographic map of the area showing the proposed drainage system and stormwater management facilities is necessary. Proposed changes to topography must be shown on the map. It should show all existing drainage and stormwater management facilities along with the size, location, and configuration of the proposed items. Particular attention must be given to the proposed outfall area(s) and the adequacy of the downstream channels and pipes. The plan must account for offsite drainage entering the property.
- \_\_\_\_\_ Drainage calculations supported with drainage area maps showing the pre and post development conditions and the route of the travel used to determine the time of concentration.
- \_\_\_\_\_ The maintenance requirements for all Best Management Practices (BMPs), such as detention ponds, infiltration trenches, etc., shall be included on the plan.
- \_\_\_\_\_ Depict the extent of any areas within the Floodplain Management Area Overlay in accordance with Section 24.1.373 of the Zoning Ordinance.