

## Erosion and Sediment Control Notes

The following pre-construction erosion prevention and sediment control Best Management Practices (BMPs) must be correctly installed prior to the initiation of the disturbance activities:

- A stabilized construction access, such as a temporary stone access, must be installed to prevent offsite tracking.
- Silt fence, or other sediment barriers, must be installed along topographical contours downslope of the area to be disturbed.
- Where applicable, inlet protection for nearby storm sewer curb and drop inlets must be installed.

The following erosion and sediment control BMPs must be performed until the project is completed:

- Erosion and sediment controls should be installed, inspected, and maintained in accordance with the Williamson County Storm Water Management Manual.
- Inspections of the control measures and disturbed areas must be performed by a qualified individual at least twice every calendar week until the site is adequately stabilized. Inspections should be performed at least 72 hours apart. Inspections should be documented and available if requested.
- Based on the results of inspections, any inadequate control measures or control measures in disrepair must be replaced or modified, or repaired as necessary, before the next rain event, but in no case more than 7 days after the need is identified.
- Sediment should be removed from sediment traps, silt fences, sedimentation ponds, and other sediment controls as necessary, and must be removed when design capacity has been reduced by 50%.
- Sediment that has escaped the construction site and has collected in the street or drainage structures must immediately be physically removed.

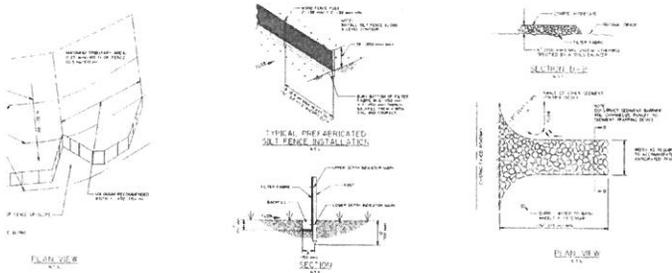
- Stabilization measure should be initiated as soon as possible on portions of the site where construction activities have temporarily or permanently ceased. Temporary or permanent soil stabilization at the construction site (or a phase of the project) must be completed not later than 15 days after the construction activity on that portion of the site has temporarily or permanently ceased. (Stabilization practices include: temporary seeding, permanent seeding, mulching, matting, and sod stabilization.)

- Roof downspouts must discharge onto splash blocks to prevent erosion. If downspouts are routed through drain lines, the system must not discharge directly into the street or drainage system.

- Restroom facilities for construction employees must be made available.

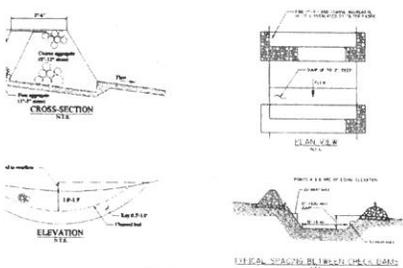
- Building and waste materials, and non-storm water discharges, such as concrete or paint wastewater, must be managed to prevent them from entering the storm water system or nearby waterbody.

- All damage to existing pavement, drainage structures, and curbs resulting from new construction must be repaired or replaced by like materials at the builder's expense.

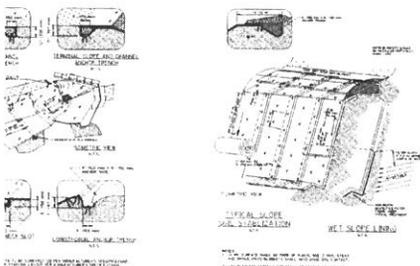


SILT FENCE

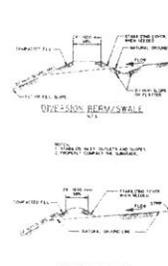
CONSTRUCTION ENTRANCE



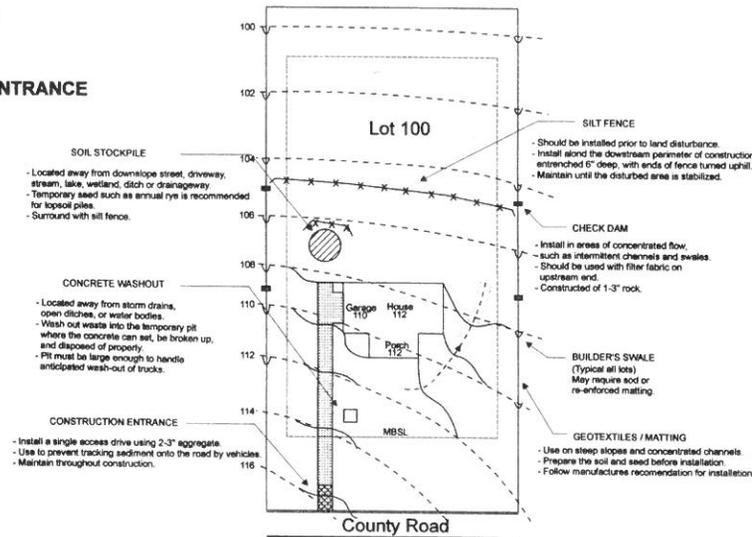
CHECK DAM



GEOTEXTILES / MATTING

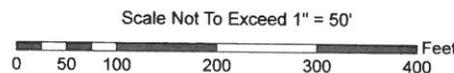


SWALE / BERM



### Additional Notes:

- Erosion or sedimentation, or transport of other pollutants or forms of pollution, due to various land development activities must be controlled.
- The owner/operator should perform inspections to ensure that vegetation, erosion and sediment control measures and other protective measures identified in the site plan are kept in good and effective operating condition.
- No land disturbance activities, whether by private or public action, shall be performed in a manner that will negatively impact storm water quality whether by illicit discharge, flow restrictions, increased runoff, or by diminishing channel or floodplain storage capacity.
- Within any Waterway Natural Areas (WNA), there shall be no clearing, grading, construction or disturbance of vegetation except as permitted by the Williamson County Engineering Department.
- Prior to the final inspection, all disturbed areas should be adequately stabilized. Where driveway culverts are required, headwalls must be installed according to the Williamson County Subdivision Regulations. Culvert sizing should be done in accordance with the Williamson County Highway Department regulations and/or as specified by the recorded plat.



**WILLIAMSON COUNTY ENGINEERING**  
 1320 West Main St., Suite 400  
 Franklin, Tennessee 37064  
 615-790-5725  
 FAX 615-591-8531  
 www.williamsoncounty-tn.gov

Typical Site Specific Erosion Control Plan  
 Prepared for purposes of the application for Land Disturbance Permit  
 January 18, 2011

Must be sealed by one of the following:

1. Licensed Civil Engineer
2. Registered Land Surveyor
3. Registered Architect
4. Registered Landscape Architect
5. Certified Professional in Erosion and Sediment Control