

III. REQUIRED ITEMS CHECKLIST

Please indicate the page or plan sheet numbers where the supporting documentation can be found. **An incomplete submittal package will result in a request for additional information. This will delay final review and approval of the project.** The Engineer shall initial in the space provided to indicate the following design requirements have been met. **If a requirement has not been met, attach justification.**

Initials	Page/ Plan Sheet No.	
_____	_____	1. Curb outlets direct flow to a swale or vegetated area
_____	_____	2. Swales or vegetated areas receiving curb outlet flow are designed to carry, at a minimum, the peak flow from the 10-year storm
_____	_____	3. Flow velocity is non-erosive for peak flow from the 10-year storm event
_____	_____	4. Longitudinal slope of the swale or vegetated area does not exceed 5%
_____	_____	5. Side slopes of the swale or vegetated area are no steeper than 5:1 (horizontal to vertical)
_____	_____	6. Length of swale or vegetated area is at least 100 feet
_____	_____	7. The system takes into account the run-off at ultimate built-out potential from all surfaces draining to the system (delineate drainage area for each swale)
_____	_____	8. Swales are located in recorded drainage easements
_____	_____	9. Grass type(s) for permanent vegetative cover specified on detail
_____	_____	10. Swale detail provided on plans
_____	_____	11. Justification of runoff coefficient values used in calculations
_____	_____	12. Channel peak flow calculations
_____	_____	13. Channel velocity calculations

Revision History:

R1	04/17/2009	Changed supplement from word document to spreadsheet; removed "Stormwater Management Plan Review" text; removed "Curb Outlet System Maintenance Requirements" sheet.
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