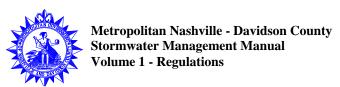


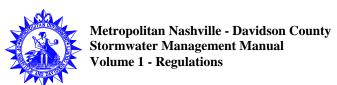
Appendix A GRADING PERMIT APPLICATION CHECKLIST

		Included	Not Applicab
1.	Project Fee Computation Worksheet completely filled out. Do not include payment with initial submittals. Calculated fees will be reviewed and verified during sufficiency review. Payment for Plan Review Fees will be required prior to technical review. Payment for Grading Permit fees, if applicable, will be required prior to a Pre-Construction meeting being scheduled.		
2.	"Plans Submittal Information" form signed by the responsible party. Available on the MWS web page and at the front desk of the Stormwater Development Review Office. Plans will not be accepted for review without the completed form. (See page A-7)		
3.	The Tennessee Construction General Permit Notice of Coverage (NOC) note on the plans (See page A-8). A NOC must be obtained by all sites that disturb one acre or more of land before a Grading Permit will be issued. Enter date NOC applied for:		
4.	Copies of all other required State and Federal permits (or copies of the permit applications), including, but not limited to ARAP, U.S. Army Corps of Engineers Section 404, or TDEC sinkhole permits.		
5.	Submittal of one copy of the following: grading and drainage plans (with post-construction stormwater management details), site utility plans, and erosion prevention and sediment control plans (including separate initial plan shown with existing conditions). Plans must be at a scale of no less than one inch = fifty feet and a maximum size of 24" x 36".		
6.	Property Map and Parcel Number		
7.	Existing and proposed site contours at an interval no greater than two (2) feet.		
8.	Existing and proposed buildings on the property.		
9	Existing and proposed paying on property		

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		Not Applicable
10. Existing and proposed stormwater management structures on and in the immediate vicinity of the property. 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.		
11. Calculations showing that pre=post construction flows.		
12. At least one benchmark located, with the proper datum reference indicated (If flood study exists, datum must match flood study.).		
13. Locations of all construction site entrances/exits.		
14. Temporary erosion and sediment control measures to be implemented during construction.		
15. Final stabilization measures proposed for all disturbed areas on the property. Areas with slopes 3:1 or steeper must be stabilized by methods approved by MWS.		
16. Stormwater management system design calculations including drainage maps based on 10-year design storm for minor systems and 100-year design for major systems. Calculation should be for pipes and ditches as well as areas where the runoff sheet flows.		
17. Stormwater quantity detention design calculations including drainage maps, for detaining the 2-year, 5-year, 10-year, 25-year, 50-year, and the 100- year storm. Provide details of an emergency overflow device for storms over the 100-year event.		
18. Stormwater quality design calculations (including drainage area maps and the LID Site Design Sheet if using Runoff Reduction or site limitation rationale if using Pollutant Removal. See Chapter 7 for more information)		
19. Floodplain and floodway boundaries, floodplain elevations, and water quality buffer zones.		
20. Cut and fill cross-sections and volume calculations for the floodplain.		
21. First floor elevations for building in and adjacent to the floodplain.		
22. Detail drawings of swales, ditches, inlets, head walls, detention pond outlet structures and overflows, erosion control measures, etc.	-	nendix A



		Included	Not Applicable
23.	Delineation of wetlands, streams, ponds, lakes, buffers, community waters or other environmentally sensitive areas. A note should be placed along each water quality buffer indicating the number of required buffer signs and that they will be installed every 100 feet.		
24.	One (1) copy of sinkhole and drainage well information, if applicable to the site conditions, including sinkhole 100-year volume information		
25.	Proposed construction schedule if greater than twelve months.		
26.	Plan must be stamped by a registered engineer.		
27.	The As-Built note shall be shown in a "stand alone" box on the grading and drainage plans. The note should read as follows:		
	In accordance with the Metro Stormwater Management Manual, Volume 1, Section 3.9, As-Built Certifications, MWS Stormwater Division must approve the following as-builts prior to issuance of the Use & Occupancy Permit: • Underground detention and water quality infrastructure • Above ground detention and water quality infrastructure • Public storm sewer infrastructure • Cut & fill in the floodplain • Sink hole alterations		

Some requirements will not be applicable to all plans, depending on the permit being requested. Omission of any of the heretofore mentioned requirements for detailed plans shall deem these plans as being incomplete, and shall be returned to the Developer, or designated Engineer, for completion before review

The engineer shall contact Stormwater Development Review

staff for submittal requirements.

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