

**Stormwater Development Plan Review Checklist-
Minor Projects- Projects less than 1acre and/or 5000sqft impervious surface**



Development Name:

Permit Applicant:

Developer's Engineering Firm:

Location:

Reviewed by:

Date:

A Administrative	Submitted	Approved	N/A
1 Development Application Form			
2 Common address & legal description			
3 Vicinity map			
4 Scale no less than 1"=200'			
5 Date, north arrow, match lines, sheet numbers			
6 Tax map, block and lot number			
7 Total project acreage			
8 Revisions to approved plans with completed revision blocks			
B Existing Conditions	Submitted	Approved	N/A
1 Topographic map of existing site conditions- 5' contours minimum			
2 All surface water features, including wetlands, ponds, perennial and intermittent streams			
3 All existing stormwater conveyances and structural control facilities			
4 Direction of flow and exits from the site			
5 Street rights of way w/ name, number, widths			
6 Buildings and other structures			
C E&SC	Submitted	Approved	N/A
1 Grading plan (if applicable)			
2 Limits of clearing and grading			
D Proposed Conditions	Submitted	Approved	N/A
1 Topographic map of developed site conditions with the post-development drainage basin boundaries indicated			
2 Total area of post-development impervious surfaces and other land cover areas for each subbasin affected by the project			
Stormwater management system			
3 Map/drawing of the stormwater management facilities			
4 Where applicable, a narrative describing how the stormwater management system corresponds with any watershed protection plans and/or local greenspace protection plan.			
E Specifications	Submitted	Approved	N/A
1 SW pipes to be sloped to maintain minimum velocity of 3 fps for 2-year event			
2 25-year event to be used in sizing storm drains within ROW. Pipes crossing public streets shall be designed to pass 100-year event. All other storm sewer systems to be sized to convey the 50 year event.			
3 Storm sewers may not flow under pressure at design storm			
4 Hydraulic grade lines shall be delineated on all construction drawings.			
5 Storm sewers to be design using Manning's equation			
6 Storm sewers shall be 18" or greater			
7 No corrugated metal pipe			
8 No storm drains under accel/decel lanes			
9 Storm drainage to be collected in storm sewers at or near perimeter of property on the upstream end and piped to an existing storm drainage system.			
10 Max continuous length of pipe shall be 300' for pipes <42" diameter			
11 Exit velocity not to exceed 4 fps during 25 year event without the design to additional energy dissipaters (not including rip-rap)			
12 Max runoff velocity in vegetated swales to be 5.0 fps during 25-year event. Swales to be lined with stone, concrete, and/or approved matting for higher velocities.			
13 Inlets to be designed to GDOT standard 1033D and/or 1034D. Alternates subject to city approval.			

14	Catch basins shall be located outside intersection radii, unless special hardship.			
15	Catch basin spacing: 500' on grades to 7%, 400' on grades 7-10%, 250' on grades >10%			
16	Gutter spread to be 1/2 travel lane for 25-year event			
17	Outlet end of all storm drain pipes (except driveway pipes) to have flared end sections or concrete headwall.			
18	Drop inlets to be designed to GDOT Standard 1019A. Weir drop inlets shall be provided for landscaped areas. Grated drop inlets shall be provided in paved areas.			
19	J-boxes or manholes to be constructed to GDOT Standard 9031U or 1011A.			
20	Detention pond riser structures to be designed to GDOT standards.			
G	Floodplain	Submitted	Approved	N/A
1	100 year floodplain			
2	Floodplain study if necessary			

Comments
