

Stormwater Technical Review Submission Checklist

Project Name: _____
 Engineer: _____
 Date: _____

Plan Type: SWM LID SD

COMPLETE INCOMPLETE N/A NOT APPLICABLE

Eng QC

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Drainage Area Map |
| <input type="checkbox"/> | <input type="checkbox"/> | A. All Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Title Block |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Scale (1"=200' max) |
| <input type="checkbox"/> | <input type="checkbox"/> | (3) North Arrow |
| <input type="checkbox"/> | <input type="checkbox"/> | (4) Vicinity Map |
| <input type="checkbox"/> | <input type="checkbox"/> | (5) 100-year Floodplain |
| <input type="checkbox"/> | <input type="checkbox"/> | (6) Existing and Proposed Conditions Drainage Divide to each Structure |
| <input type="checkbox"/> | <input type="checkbox"/> | (7) Soil Delineation |
| <input type="checkbox"/> | <input type="checkbox"/> | (8) Land Use Delineation |
| <input type="checkbox"/> | <input type="checkbox"/> | (9) Property Lines |
| <input type="checkbox"/> | <input type="checkbox"/> | (10) Stream and Street Names |
| <input type="checkbox"/> | <input type="checkbox"/> | (11) Matchlines Labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | (12) Structure Locations Highlighted and Labeled |
| <input type="checkbox"/> | <input type="checkbox"/> | (13) P.E. Sign and Seal |
| <input type="checkbox"/> | <input type="checkbox"/> | B. SWM Plans and LID Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) D.A., RCN, Tc for each subarea |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Existing and Proposed Flow Paths for each subarea |
| <input type="checkbox"/> | <input type="checkbox"/> | C. SD Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Land use/Zoning and Runoff Coefficient 'C' |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Structure Numbers |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Computations and Reports |
| <input type="checkbox"/> | <input type="checkbox"/> | A. All Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Cover Sheet – Signed and Sealed |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Table of Contents |
| <input type="checkbox"/> | <input type="checkbox"/> | (3) Purpose |
| <input type="checkbox"/> | <input type="checkbox"/> | (4) Site Description |
| <input type="checkbox"/> | <input type="checkbox"/> | (5) Vicinity Map |
| <input type="checkbox"/> | <input type="checkbox"/> | (6) SW Concept Approval Letter |

Eng	QC	
<input type="checkbox"/>	<input type="checkbox"/>	(7) Standard Paving Section(s)
<input type="checkbox"/>	<input type="checkbox"/>	(8) Bench Mark Location
<input type="checkbox"/>	<input type="checkbox"/>	(9) Show Existing Streets in the Vicinity of the Plan
<input type="checkbox"/>	<input type="checkbox"/>	(10) Proposed Streets Included in the Plan
<input type="checkbox"/>	<input type="checkbox"/>	(11) Width paving
<input type="checkbox"/>	<input type="checkbox"/>	(12) Spot Elevations for Proposed and Future Streets
<input type="checkbox"/>	<input type="checkbox"/>	(13) Paving Replacement Notes if Applicable
<input type="checkbox"/>	<input type="checkbox"/>	(14) Provide Typical Section if not Standard as Noted on the Plan
<input type="checkbox"/>	<input type="checkbox"/>	(15) Show Street Grades with Directional Arrows Labeled for Proposed Streets on Tangent Portions, Grade Breaks and PVRC's
<input type="checkbox"/>	<input type="checkbox"/>	(16) Fillet and cul-de-sacs numbered in triangle to relate to fillet and cul-de-sacs profiles
<input type="checkbox"/>	<input type="checkbox"/>	(17) Top of curb elevation/stations at all P.C. and P.T. Stations. Property Lines within cul-de-sac and Curb Fillet P.C. and P.T. Stations with Offset from centerline
<input type="checkbox"/>	<input type="checkbox"/>	(18) Proposed Sidewalk
<input type="checkbox"/>	<input type="checkbox"/>	(19) Provide Existing and Proposed Grading for all Yard Inlets, Endwalls and Headwalls
<input type="checkbox"/>	<input type="checkbox"/>	4. Profile Sheets
<input type="checkbox"/>	<input type="checkbox"/>	A. All Plans
<input type="checkbox"/>	<input type="checkbox"/>	(1) Structure Numbers to Match Plan, Structure Schedule and Drainage Study
<input type="checkbox"/>	<input type="checkbox"/>	(2) Pipe Lengths Shown by Stationing at Each Structure
<input type="checkbox"/>	<input type="checkbox"/>	(3) Show Pipe Size, Material and Class for Each Run
<input type="checkbox"/>	<input type="checkbox"/>	(4) Outfall – Show Class and Length of Erosion Protection, Type of Filter Cloth Required, Grouted Riprap Cutoff Wall, width of Channel Bottom and Typical Cross Section, also Maximum Depth of Protection, Thickness and Slope
<input type="checkbox"/>	<input type="checkbox"/>	(5) Show Existing and Proposed Ground
<input type="checkbox"/>	<input type="checkbox"/>	(6) Show Pipe Inlet Inverts
<input type="checkbox"/>	<input type="checkbox"/>	B. SWM Plans
<input type="checkbox"/>	<input type="checkbox"/>	(1) Top of Dam (Settled and Constructed)
<input type="checkbox"/>	<input type="checkbox"/>	(2) Emergency Spillway
<input type="checkbox"/>	<input type="checkbox"/>	(3) Principal Spillway
<input type="checkbox"/>	<input type="checkbox"/>	(4) If Pipe ASTM C-361 A-25, B-25, C-25, or D-25
<input type="checkbox"/>	<input type="checkbox"/>	(5) Core Trench
<input type="checkbox"/>	<input type="checkbox"/>	(6) Storm Elevations, Normal Pool and Tw Elevations
<input type="checkbox"/>	<input type="checkbox"/>	(7) Trash Racks
<input type="checkbox"/>	<input type="checkbox"/>	(8) Low Flow Device with Pad and Trash
<input type="checkbox"/>	<input type="checkbox"/>	(9) Phreatic Line
<input type="checkbox"/>	<input type="checkbox"/>	(10) Anti-Seep Collars or filter diaphragms
<input type="checkbox"/>	<input type="checkbox"/>	(11) Low Cradle

- | Eng | QC | |
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| <input type="checkbox"/> | <input type="checkbox"/> | (12) Top Width and Slopes |
| <input type="checkbox"/> | <input type="checkbox"/> | (13) Utility Crossings |
| <input type="checkbox"/> | <input type="checkbox"/> | C. SD Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Water and Sewer and WHC and SHC Crossings and Inverts |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Bonding Agency |
| <input type="checkbox"/> | <input type="checkbox"/> | (3) Hydraulic Gradient |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Details |
| <input type="checkbox"/> | <input type="checkbox"/> | A. All Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Structure Schedule |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Pipe Schedule |
| <input type="checkbox"/> | <input type="checkbox"/> | (3) Riprap Detail |
| <input type="checkbox"/> | <input type="checkbox"/> | (4) 4" Border on All Sheets |
| <input type="checkbox"/> | <input type="checkbox"/> | (5) Small WPB Stamp (upper right) on All Sheets |
| <input type="checkbox"/> | <input type="checkbox"/> | (6) P.E. Sign and Seal All Sheets |
| <input type="checkbox"/> | <input type="checkbox"/> | B. SWM Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Cross Section Along Dam CL |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Typical Cross Section |
| <input type="checkbox"/> | <input type="checkbox"/> | (3) Emergency Spillway Profile |
| <input type="checkbox"/> | <input type="checkbox"/> | (4) Access Road Profile |
| <input type="checkbox"/> | <input type="checkbox"/> | (5) Stormwater Management Basin Table |
| <input type="checkbox"/> | <input type="checkbox"/> | (6) Anti-Seep Collar Detail |
| <input type="checkbox"/> | <input type="checkbox"/> | (7) Trash Rack Detail |
| <input type="checkbox"/> | <input type="checkbox"/> | (8) Concrete Cradle Detail |
| <input type="checkbox"/> | <input type="checkbox"/> | (9) Trash Strainer Detail |
| <input type="checkbox"/> | <input type="checkbox"/> | (10) Access Road Detail |
| <input type="checkbox"/> | <input type="checkbox"/> | (11) Structural Details |
| <input type="checkbox"/> | <input type="checkbox"/> | (12) Latest MD 378 |
| <input type="checkbox"/> | <input type="checkbox"/> | (13) Soil Boring Logs (Must be Unified Soil Class.) |
| <input type="checkbox"/> | <input type="checkbox"/> | (14) Landscape Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. SD Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | A. All Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Review Fee checks |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) Stormwater Concept Plan and Letter |
| <input type="checkbox"/> | <input type="checkbox"/> | B. SWM Plans |
| <input type="checkbox"/> | <input type="checkbox"/> | (1) Small Pond Approval Letter (signed) |
| <input type="checkbox"/> | <input type="checkbox"/> | (2) MD-14 |
| <input type="checkbox"/> | <input type="checkbox"/> | (3) Soils Report |
| <input type="checkbox"/> | <input type="checkbox"/> | (4) Soils Map |

