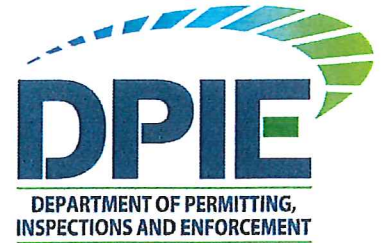




TECHNO-GRAM 006-2018



- SUBJECT:** Single Lot As Built Procedures for Stormwater Management (SWM) Best Management Practices (BMPs) on Residential lots
- PURPOSE:** To clarify submission requirements for SWM as built on single family residential lots
- SCOPE:** SWM BMPS both private and public require as built plan approval, as stipulated by Code of Maryland COMAR 26.17.02.10 and Prince Georges County Code Subtitle 32 - Section 192

The requirements for as built plans pertaining to SWM BMPs and storm drain systems are defined in the following codes and manuals:

- Code of Maryland Regulations (COMAR) Title 26, Subtitle 17, Chapter 02.10 Construction Inspection and Enforcement and
- Prince Georges County Code Part II, Subtitle 32-192 Inspection Requirements During Construction
- Prince Georges County Stormwater Management Design Manual Chapter 15

These requirements are summarized as follows:

COMAR 26.17.02.10 -

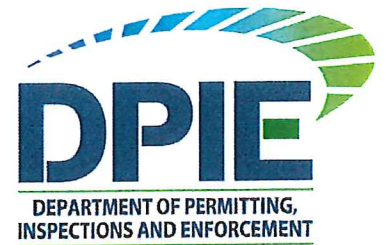
A. (1) (c) Certification by a professional engineer licensed in the State documenting that structural (stormwater management) practices have been constructed according to approved plans.

A. (3) Inspections shall be conducted by county or municipal staff or certified by a professional engineer licensed in the State.

B. Regular inspections shall be made and documented for each ESD planning technique and practice at stages of construction specified in the Design Manual. At a minimum, all ESD and other nonstructural practices shall be inspected upon completion of final grading, the establishment of permanent stabilization, and before issuance of use and occupancy approval.



TECHNO-GRAM 006-2018



F. Once construction is complete, as built plan certification shall be submitted by either a professional engineer or professional land surveyor licensed in the State, to ensure that ESD planning techniques, treatment practices, and structural SWM measures and conveyance systems comply with the specifications contained in approved plans. At a minimum, as built certification shall include a set of drawings comparing the approved SWM plan with what was constructed. Other information shall be submitted as required by the approving agency.

Prince Georges County Code Part II, Subtitle 32

32-192 (a) The permittee shall provide "as built" plans certified by a registered professional engineer to be submitted upon completion of the SWM facility.

AND 32-192 (b) The registered professional engineer shall certify that the facility has been constructed as shown on the as built plan and meets the approved final stormwater management plan and specifications.

Prince Georges County Stormwater Management Design Manual:

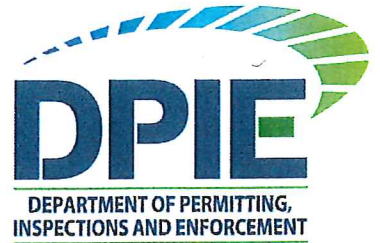
Chapter 15 - As Built Plans -15.1 As-built plans are required for all public drainage systems and all ESD and SWM facilities, both public and private. Private storm drain systems do not require an as built drawing, but must be certified by the design consultant.

In a typical subdivision, SWM BMPs may be located in the public road r/w, open parcels, residential lots, and commercial or industrial lots. The purpose of this technogram is to clarify when and how to prepare as built plans for SWM BMPs located on single family and townhouse residential lots.

For SWM BMPs constructed on single family and townhouse residential lots, the as built plan shall be provided for each lot, prior to issuance of Use/Occupancy permit for that lot. This plan may be prepared in a small scale (8 ½ x 11 format) and shall include the information noted on the enclosed sample single lot as built plans. Each single lot as-built plan shall be submitted to the DPIE Site Road

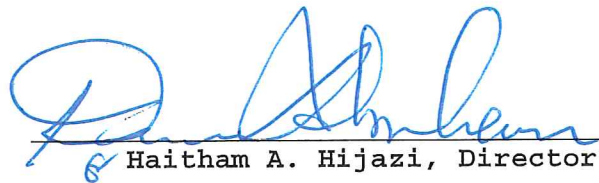


TECHNO-GRAM
006-2018



Plan Review Division (SRPRD) via email (asbuilt@co.pg.md.us) and provided to the DPIE Site Road Inspector. The DPIE SRPRD will save the single lot as built plans for each lot. At the completion of the site development grading permit, the permittee's engineer shall submit an overall as built plan to the DPIE SRPRD for review and approval. This overall as built plan shall provide information for all SWM BMPs and the storm drain system, including the single lot as built plans. The engineer that prepares the final as built plan shall tally the total as built SWM volumes achieved. The engineer shall also submit a copy of the recorded declaration of covenant(s) for maintenance of all drainage and storm water management systems.

APPROVED BY:


Haitham A. Hijazi, Director

September 5, 2018



PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 GREEN ROOF (A-1)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
1. Dimensions for green roof conform to approved plans.	◆
2. Verify the roof structure, roof membrane, drainage system is properly installed before proceeding with media installation.	◆
3. The green roof soil media, depth, and dimensions matches plan.	◆
4. Plant material conforms to approved plans.	◆

◆ Form to be completed by Inspector hired by Permittee

- Design area of Green Roof: _____ sf
- As Built area of Green Roof installed: _____ sf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF ROOF

TYPICAL SECTION

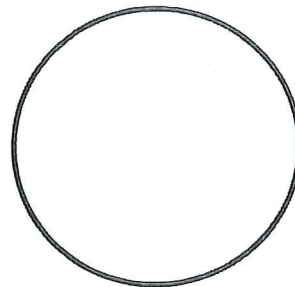
BMP & ESD AS-BUILT CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 PERMEABLE PAVING (A-2)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

◆ Form to be completed by Inspector hired by Permittee

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
1. Contributing drainage area is stabilized.	◆
2. Excavation to subgrade of permeable pavement conforms to approved plans.	◆
3. Scarify or till the bottom to a depth of 3-4"	◆
4. Install geo-textile fabric, if required by plan	◆
5. Placement of any drainage or distribution systems and observation well conforms to approved plans.	◆
6. Placement of backfilling stone subbase, sand, and gravel conforms to approved plans. Compact using vibratory roller.	◆
7. Placement of surface permeable paving material conforms to approved plans.	◆

- Design -Total area of Permeable Paving: _____ sf
- As Built -Total area of Permeable Paving: _____ sf
- Design Volume Required: _____ cf
- As Built Volume Provided: _____ cf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF LOT

TYPICAL SECTION

BMP & ESD AS-BUILT CERTIFICATION

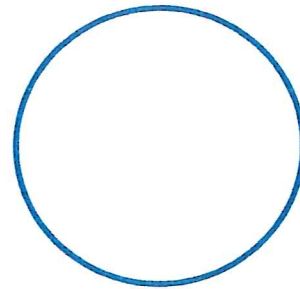
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO.

DATE:

Insert name, address, phone number of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 REINFORCED TURF (A-3)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
<p>Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.</p>	
<p>1. Dimensions for reinforced turf facility conform to approved plans.</p>	◆
<p>2. Adequate stone subbase provided per plan.</p>	◆
<p>3. Placement and type of material conforms to plan.</p>	◆

◆ Form to be completed by inspector hired by permittee

- Design - Reinforced Turf Area Required: _____sf
- As built - Reinforced Turf Area installed: _____sf
- Design Required Volume: _____cf
- As Built Volume: _____cf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF LOT

TYPICAL SECTION

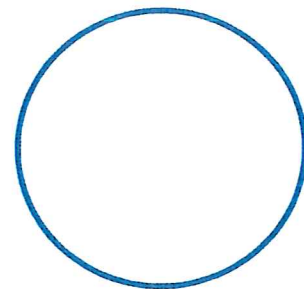
BMP & ESD AS-BUILT CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and Add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 INFILTRATION TRENCH (I-1)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
Before construction of infiltration trench, ensure upstream areas are stabilized and/or storm drain system flowing into trench is blocked off to avoid transport of sediment laden water into trench.	
1. Dimensions for infiltration trench conform to approved plans.	◆
2. Storm drain system into infiltration trench conforms to approved plans.	
3. Placement of geotextile fabric and installation of underdrain distribution system and observation well conforms to approved plans.	◆
4. Placement of sand, stone backfill and gravel conforms to approved plans.	◆
5. Placement of geotextile fabric over top of gravel trench conforms to approved plans	◆
6. Placement of earth backfill and final cover (top soil)/gravel surface over gravel infiltration trench conforms to approved plan.	◆

◆ Form to be completed by inspector hired by permittee

- Design - Infiltration Trench Volume Required: _____ cf
- As Built -Infiltration Trench Volume Provided: _____ cf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF LOT

TYPICAL SECTION

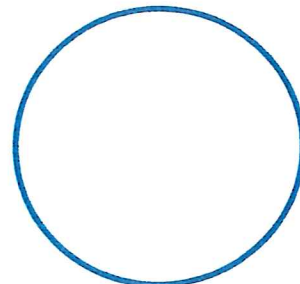
BMP & ESD AS-BUILT CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
Department of Permitting, Inspections and Enforcement
 (301) 883-5710



SINGLE LOT AS BUILT
RAINWATER HARVESTING or RAIN BARREL (M-1)

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
1. Distribution system installed per plan.	◆
2. Size, location and number of barrels installed per plan.	◆
3. All pipes from roof are connected to device.	◆

◆ Forms to be completed by inspector hired by permittee

- Design - Size of Barrel: _____ gal Number: : _____
- As Built - Size of Rain Barrel: _____ gal Number: : _____

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF PERMITTED LOT

TYPICAL DETAIL

BMP & ESD AS-BUILT CERTIFICATION

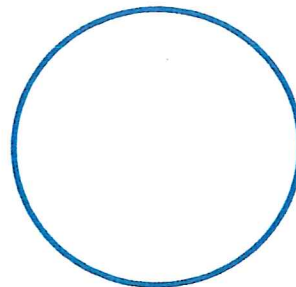
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO.

DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 LANDSCAPE INFILTRATION (M-3)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
<p>Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.</p>	
<p>1. Dimensions for landscape infiltration conform to approved plans.</p>	♦
<p>2. Placement of stone backfill, underdrain distribution system, observation well, and cleanout conform to approved plan.</p>	♦
<p>3. Placement of sand, gravel, and soil media and installation of filter fabric conform to approved plan.</p>	♦
<p>4. Connecting pipes, and/or conveyance to facility constructed per approved plan.</p>	♦

♦ Form to be completed by inspector hired by permittee

- Design volume of facility: _____ cf
- As-Built volume of facility: _____ cf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF PERMITTED LOT

TYPICAL SECTION

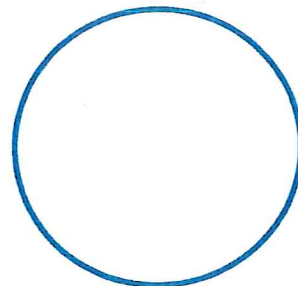
BMP & ESD AS-BUILT CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. DATE:

Insert name, address, phone number of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 INFILTRATION BERM (M-4)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
1. Dimensions for Infiltration Berm conform to approved plans.	◆
2. Excavation to subgrade and soil compaction conforms to approved plans.	◆
3. Placement of sand, gravel, and top soil conforms to approved plans.	◆
4. Height of berm conforms to plan.	◆

◆ Form to be completed by inspector hired by permittee

- Design - Infiltration Berm Required Length: _____ If
- As Built -Infiltration Berm Provided length: _____ If

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF PERMITTED LOT

TYPICAL SECTION

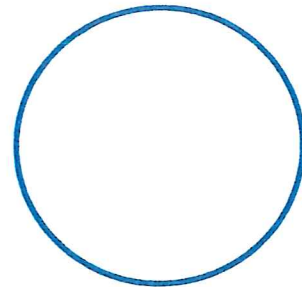
BMP & ESD AS-BUILT CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
Department of Permitting, Inspections and Enforcement
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SINGLE LOT AS BUILT
DRY WELL (M-5)

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Engineer: _____ Permittee: _____

Site/Road Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by either the DPIE Site/Road Inspector and/or the Permittee's qualified professional.	
1. Dimensions and number of dry wells conform to approved plans.	◆
2. Placement of geotextile fabric, sand, gravel, pipe distribution system, and observation well conforms to approved plans and detail.	◆
3. Connecting pipes, including connection to downspout, constructed per the approved plans.	◆

◆ Form to be completed by Inspector hired by Permittee

- Design - Required volume: _____ cf Required Number: _____
- As Built - Provided volume: _____ cf Provided Number: _____

Building Permit No: _____ Street Address: _____

BMP & ESD AS-BUILT CERTIFICATION

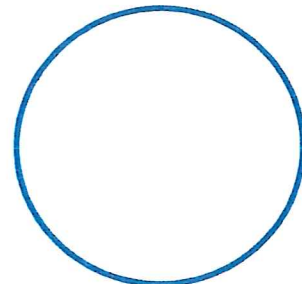
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO.

DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 MICRO BIORETENTION (M-6)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE, RLA, or RLS
<p>Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.</p>	
<p>1. Dimensions for micro bioretention facility conform to approved plans.</p>	
<p>2. Placement of stone backfill, underdrain distribution system, observation well, and cleanout conform to approved plan.</p>	
<p>3. Placement of geotextile fabric, sand, gravel, and soil media conforms to approved plan.</p>	
<p>4. Connecting pipes, and/or conveyance to facility constructed per approved plan.</p>	
<p>5. Landscaping planting conforms to approved plans.</p>	

◆ Form to be completed by inspector hired by permittee

- Design volume of facility: _____ cf
- As-Built volume of facility: _____ cf

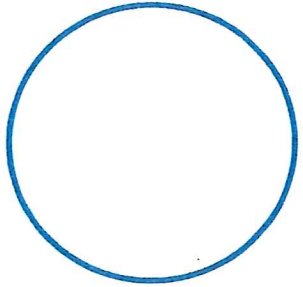
Building Permit No: _____ BMP Device No: _____

INSERT PLAN AND SECTION OF SWM FACILITY

BMP & ESD AS-BUILT CERTIFICATION	
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGES COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.	
_____	DATE: _____
MD. REG. P.E. NO.	

Insert name, address, phone number of firm that prepared as

Insert Seal and add COMAR



Items to add to sample sketch or document

1. Provide plan view of facility with design and as-built dimensions or sizes.
2. Verify pipe size for both underdrain and outfall, inlet structure or weir overflow size, and stone protection size and dimension, as applicable
3. Provide typical section of device with design and as-built dimensions
4. Provide consultant BMP as-built certification block and COMAR licensed professional seal and signature.
5. Provide consultant name and address on sketch



PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SINGLE LOT AS BUILT
 RAIN GARDEN (M-7)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
1. Dimensions and number of rain gardens conform to approved plans.	◆
2. Excavation to subgrade of rain garden facility conforms to approved plans.	◆
3. Placement of backfill, underdrain distribution system, observation well, and cleanout conform to approved plan.	◆
4. Placement of soil media and installation of filter fabric conform to approved plan.	◆
5. Connecting pipes, and/or conveyance to facility conforms to approved plan	◆
6. Landscape plants installed per approved plans and plants are in good condition.	

◆ Form to be completed by inspector hired by permittee

- Design - Rain Garden Required Volume: _____ cf
- As Built - Rain Garden Provided Volume: _____ cf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF PERMITTED LOT

TYPICAL SECTION

BMP & ESD AS-BUILT CERTIFICATION

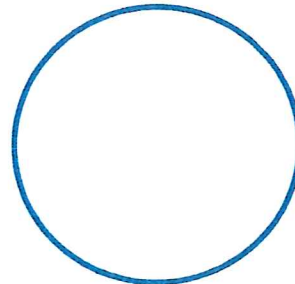
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO.

DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
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**SINGLE LOT AS BUILT
 SWALES (M-8)**

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.	
1. Dimensions of swales conform to approved plans.	◆
2. Excavation to swale subgrade conforms to approved plans.	◆
3. Placement of stone backfill, underdrain distribution system, observation well, and cleanout conform to approved plan.	◆
4. Placement of filter fabric, sand, gravel, soil media and check dam(s) conform to approved plan. Materials and dimensions conform to approved plan.	◆
5. Landscape planting installed per approved plans and plants in good condition.	◆

◆ Form to be completed by inspector hired by permittee

- Design –
- Req. area of Swale: _____ sf;
- Req. Volume _____ cf
- Req. Length: ___lf

- As Built –
- Provided area of Swale: _____ sf;
- Provided Volume _____ cf
- Provided Length: _____lf

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF PERMITTED LOT

TYPICAL SECTION

BMP & ESD AS-BUILT CERTIFICATION

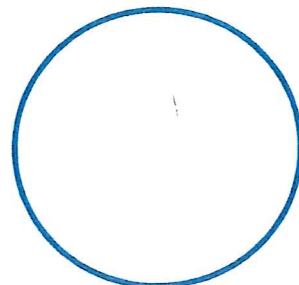
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. _____

DATE: _____

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
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SINGLE LOT AS BUILT
ROOFTOP or NON ROOFTOP DISCONNECTION
(N-1 or 2)

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
<p>Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.</p>	
<p>1. Dimensions for disconnection width, length, and slope conform to approved plans.</p>	◆

◆ Form to be completed by inspector hired by permittee

NON-ROOFTOP DISCONNECTION

"The constructed Non-Rooftop Disconnections meet the conditions specified on the approved plans."

 Inspector Signature Date

ROOFTOP DISCONNECTION

"The constructed Rooftop Disconnections meet the conditions specified on the approved plans."

 Inspector Signature Date

Building Permit No: _____ Street Address: _____

SCREEN SHOT OF PERMITTED LOT

BMP & ESD AS-BUILT CERTIFICATION

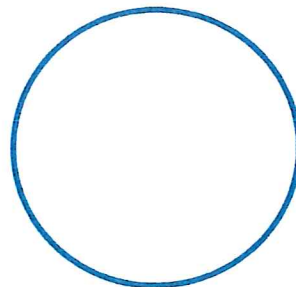
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO.

DATE:

Insert name, address, phone number
of firm that prepared as built

Insert Seal and add COMAR





PRINCE GEORGE'S COUNTY GOVERNMENT
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SINGLE LOT AS BUILT
SHEET FLOW to CONSERVATION AREA (N-3)

This checklist serves as a guide for permittee and inspector hired by permittee to review construction progress and verify construction before final acceptance of device. Permittee shall email this "single lot as built" to the site road inspector and site road as built processor (asbuilt@co.pg.md.us) immediately prior to Use/Occupancy Permit for this building permit.

Site/Project Name: _____ Date: _____

Field Consultant: _____ Permittee: _____

Fine Grading Permit No: _____ Lot/Block: _____

Building Permit No: _____ Lot Address: _____

BMP Device No: _____ DPIE Inspector: _____

DESCRIPTION OF STAGE	Inspector Hired by Permittee PE or RLS
<p>Preconstruction Meeting: Inspection and approval of each practice is required at these points prior to proceeding within the next step of construction. Contact the DPIE Site/Road Inspector with twenty-four (24) hours' notice (DPIE telephone: 301-883-3820). Work completed without DPIE approval may result in the permittee having to remove and reconstruct the unapproved work. Each of the steps listed below must be verified by the Permittee's qualified professional.</p>	
<p>1. Dimensions for sheet flow width, length, and slope conform to approved plans.</p>	◆

◆ Form to be completed by inspector hired by permittee

FLOW TO CONSERVATION AREA

"The Sheet Flow to Conservation Area meet the conditions specified on the approved plans."

 Inspector Signature

 Date

SCREEN SHOT OF LOT

TYPICAL DETAIL

BMP & ESD AS-BUILT CERTIFICATION

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE STORMWATER MANAGEMENT FACILITIES (BOTH BMP AND ESD) SHOWN ON THE PLANS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT.

MD. REG. P.E. NO. DATE:

Insert name, address, phone number of firm that prepared as built

Insert Seal and Add COMAR

