CHIEF TO CONDUCT PERIODIC INSPECTION.

SIGNATURE OF DEVELOPER:

7350-B GRACE DRIVE

SCALE: 1''=30'

LICENSE:

EXP DATE 09/03/20

PREPARED OR APPROVED BY ME AND THAT I AM:

A DULY LICENSED PROFESSIONAL ENGINEER

LOT 5 M-6, MICRO-BIORETENTION (MB #2) 198 C.F.

MB-1

MB-3

AREA PROPOSED PRACTICES REQUIRED

ESDV PROVIDED

VER. 1" = 5'

NOT TO SCALE

TYP. MICRO-BIORETENTION

FINISHED

EX.

CUT-LEAF CONEFLOWER

MICRO-BIORETENTION SCHEDULE

T=19"

375

380

398.00 397.50 125 S.F.

405.00 404.50 150 S.F.

A#

DETAIL

#2

A II

C.

B.

310 S.F.

PONDING

MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE

STORMWATER DESIGN MANUAL VOLUME II, TABLE A.4.1 AND 2.

THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A

REMOVED BEFORE THE NEW LAYER IS APPLIED.

APPP.LICATION

FROM STRUCTURE

10" MIN. SETBACK

FILTER FABRIC

STONE DIMENSIONS:

TOTAL STORAGE:

PER CHAMBER

4" NON-PERFORATED HDPE

NON-PERFORATED

4" BASE LAYER

NON-PERFORATED HDPE

2" DECKING

2" BASE LAYER

11. CULVERT TS SHALL BE CONSTRUCTED AND ANY RIP RAP PLACED SO AS NOT TO OBSTRUCT THE

MOVEMENT OF AQUATIC SPECIES, UNLESS THE PURPOSE OF ACTIVITY IS TO IMPOUND WATER.

IN NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS OR 100-YEAR FLOODPLAIN.

ALLOW FOR THE STABILIZATION OF THE SITE WHILE ALSO ALLOWING FOR THE VOLUNTARY

REVEGETATION OF NATURAL WETLAND SPECIES. OTHER NON-PERSISTENT VEGETATION MAY BE

OR SUBSURFACE WATER FLOW INTO OR OUT OF NONTIDAL WETLANDS, NONTIDAL WETLAND

UP IN THE MONITORING WELLS OVER A PERIOD OF SEVERAL DAYS TO

ON A QUARTERLY BASIS AND AFTER EVERY HEAVY STORM EVENT.

THE MAINTENANCE LOG BOOK SHALL BE AVAILABLE TO HOWARD

HOME OWNER DEVELOPER

OWNED OR MAINTAINED DRY WELLS

OPERATION AND MAINTENANCE SCHEDULE

FOR MICRO-BIORETENTION (M-1)

4. THE DISTINCT BLEEDING WALL SHOULD BE LEFT UNTIL A MINIMUM OF 30 DAYS OR FOR A PERIOD AS REQUIRED

TO THE SOIL EROSION CONTROL AND SEDIMENT CONTROl,

5. AFTER INSTALLATION HAS BEEN COMPLETED, MAKE POST-CONSTRUCTION GRADES AND ELEVATIONS

AND TRY AGAIN

MAP-1

MEASURED

2.

3. install

with

sandbags or stones

11.7' x 2.5' ARCH

CURVED PROFILE

P.9-10

1. OWNER/DEVELOPER

TACOMA PARK, WASHINGTON

SIGNATURE

Sincerely,

GE&T

PROFESSIONAL ENGINEER

Maryland Department of Transportation

S-1357

F-19-023

1. THE OWNER/DEVELOPER SHALL ADHERE TO THE STANDARDS LISTED IN THE MARYLAND

DEPARTMENT OF TRANSPORTATION WATERWAYS CONSTRUCTION GUIDELINES:

WEAR WAY CONSTRUCTION GUIDELINES

3.

2.

NIA

NIA

F-19-O23

AC21

S-1357

F-19-023

AC21

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F-19-023

AC21
PURPOSE

1. SOIL pH BETWEEN 6.0 AND 7.0.

2. SOIL GRADATION.

3. FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE APPLICATION.

4. EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL.

5. GRADING AND SEEDBED PREPARATION.

6. PRIOR TO THE REMOVAL OR MODIFICATION OF SEDIMENT CONTROL PRACTICES.

PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 20 FT. MUST BE BENCHED WITH STABLE OUTLET. ALL CONCENTRATED FLOW, STEEP SLOPE, AND TEMPORARY SEEDING (SEC. 8-4-4) AND MULCHING (SEC. B-4-3). TEMPORARY STABILIZATION OFFSITE WASTE/BORROW AREA LOCATION, ________.

WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE TO SOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACK GRASS, ETC. TOPSOIL...

A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF LOADING MACHINES OR FLAT SPOADES. A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. NOCULANTS MUST NOT BE USED FOR THE APPLICATION RATE TO 2.5 TONS PER ACRE.

ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM. NO STABLE MATERIALS OR MIXTURES CAN BE USED IN THE PAVING OR CONCRETE EXCEPT AS SPECIFIED. PERCENT ABRASION MUST NOT EXCEED 25 PERCENT.

THE EARTH AND MATERIALS TO BE USED MUST BE FREE OF ROCKY CLAY OR ROCKY Silt TO A DEPTH OF 2 FEET. MATERIALS CONTENTS MUST NOT HAVE OTHER CLAY OR ROCKY MATERIALS.

A CONCLUSION OF THE STREAM, CLASSIFICATION OF THE STREAM, AND SHORTAGE POINT OF THE SUPER SILT FENCE. MATERIALS CONTENTS MUST NOT HAVE OTHER CLAY OR ROCKY MATERIALS.

LEAVE IN PLACE THE REMAINING MATTING, SUPER SILT FENCE FOR FUTURE INCREMENTAL STABILIZATION AND STANDARD 8-4-4 TEMPORARY STABILIZATION.

TEMPORARY SEEDING FOR SITE STABILIZATION:

PERMANENT SEEDING:

AERIAL PLANTING REQUIRED FOR PROJECTS WHERE AERIAL PLANTING IS ALLOWED UNDER THE NORTHERN VIRGINIA WETLANDS MANAGEMENT PLAN.

EVALUATION OF THE EARTH AND MATERIALS TO BE USED MUST BE FREE OF ROCKY CLAY OR ROCKY Silt TO A DEPTH OF 2 FEET. MATERIALS CONTENTS MUST NOT HAVE OTHER CLAY OR ROCKY MATERIALS.

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