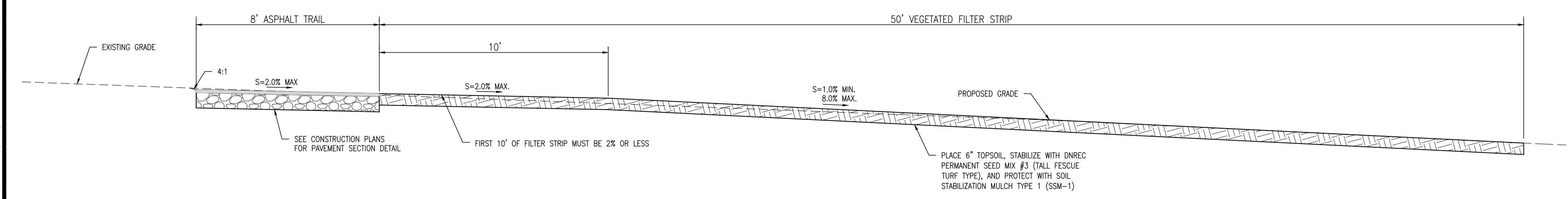


LEGEND	
EXISTING PROPERTY LINE	---
EXISTING RIGHT OF WAY	---
EXISTING FLOOD PLAN	FP
EXISTING FENCELINE	X X
PROPOSED SAWCUT	SAW
EXISTING BUILDING	[Hatched Box]
EXISTING UTILITY POLE	(M)
EXISTING MANHOLE	(M)
PROPOSED BOLLARD	●
PROPOSED SIGN	●
EXISTING CONTOUR	--- 177 ---
PROPOSED CONTOUR	--- 177 ---
WETLANDS LINE	W
ORDINARY HIGH WATER LINE	OHW OHW
2007 TREELINE	---
2007 SINGLE FAMILY RESIDENTIAL AREA	[Stippled Box]
LIMITS OF DISTURBANCE	LOD LOD
SOIL GROUP BOUNDARY	---
STREAM BOUNDARY	---
EXISTING IMPERVIOUS	[Solid Grey Box]
PROPOSED IMPERVIOUS	[Solid Grey Box]
OVERLAY	[Solid Grey Box]
SILT FENCE	SF
COMPOST FILTER LOG	CFL
STABILIZED CONSTRUCTION ENTRANCE	[Stippled Box]
REINFORCED SILT FENCE	RSF RSF
SUPER SILT FENCE	SSF SSF
SENSITIVE AREA PROTECTION	SAP
DRAINAGE AREA BOUNDARY	---
TIME OF CONCENTRATION PATH	>TC >TC
FILTER STRIP LOCATION	[Hexagonal Pattern]
LIDAR CONTOUR	177
STONE CHECK DAM	SCD



FILTER STRIP LAYOUT			
POINT NO.	DESCRIPTION	NORTHING	EASTING
3000	FILTER STRIP	625292.4152	564951.8118
3001	RADIUS	625267.4592	564876.8572
3002	FILTER STRIP	625302.7926	564947.5152
3003	FILTER STRIP	625349.4331	564924.1919
3004	FILTER STRIP	625477.4365	564860.1821
3005	RADIUS	627039.5966	564812.8182
3006	FILTER STRIP	625601.6857	564808.1019
3007	RADIUS	625788.3036	565267.6557
3008	FILTER STRIP	625729.4019	564775.1655
3009	FILTER STRIP	625799.4029	564766.7935
3010	RADIUS	625739.5512	564266.3599
3011	FILTER STRIP	625880.7395	564750.1799
3012	FILTER STRIP	625980.5620	564721.0497
3013	RADIUS	625937.4211	564573.2158
3014	FILTER STRIP	626002.6777	564712.7063
3015	FILTER STRIP	626023.8648	564757.9954
3016	FILTER STRIP	625994.5688	564769.0478
3017	FILTER STRIP	625894.7463	564798.1780
3018	FILTER STRIP	625805.3405	564816.4396
3019	FILTER STRIP	625735.3396	564824.8117
3020	FILTER STRIP	625620.3580	564854.4947
3021	FILTER STRIP	625498.6905	564905.4569
3022	FILTER STRIP	625371.7961	564968.9122
3023	FILTER STRIP	625325.1556	564992.2354
3024	FILTER STRIP	625308.2102	564999.2514

FILTER STRIP #2 - PLAN VIEW
SCALE: 1" = 40'



FILTER STRIP NO. 2
NOT TO SCALE

- #### FILTER STRIP SEQUENCE OF CONSTRUCTION
- BEFORE SITE WORK BEGINS, FILTER STRIP BOUNDARIES SHOULD BE CLEARLY MARKED.
 - ONLY VEHICULAR TRAFFIC USED FOR FILTER STRIP CONSTRUCTION SHOULD BE ALLOWED WITHIN THE FILTER STRIP BOUNDARY.
 - IF EXISTING TOPSOIL IS STRIPPED DURING GRADING, IT SHALL BE STOCKPILED FOR LATER USE.
 - CONSTRUCTION RUNOFF SHOULD BE DIRECTED AWAY FROM THE PROPOSED FILTER STRIP SITE, USING PERIMETER SILT FENCE, OR, PREFERABLY, A DIVERSION DIKE.
 - FILTER STRIPS REQUIRE LIGHT GRADING TO ACHIEVE DESIRED ELEVATIONS AND SLOPES. THIS SHOULD BE DONE WITH TRACKED VEHICLES TO PREVENT COMPACTION. TOPSOIL AND OR COMPOST AMENDMENTS SHOULD BE INCORPORATED EVENLY ACROSS THE FILTER STRIP AREA, STABILIZED WITH SEED (PERMANENT MIX #3 W/ ADDITIONAL WINTER RYE), AND PROTECTED BY BIODEGRADABLE EROSION CONTROL MATTING OR BLANKETS (SSM TYPE 1).
 - EXAMPLE PRODUCTS INCLUDE: NORTH AMERICAN GREEN S75BN & EAST COAST EROSION BLANKETS ECS-1B
 - STORMWATER SHOULD NOT BE DIVERTED INTO THE FILTER STRIP UNTIL THE TURF COVER IS DENSE, WELL ESTABLISHED, AND APPROVED BY THE SITE CCR.

- #### GENERAL NOTES
- THE DNREC SEDIMENT AND STORMWATER PROGRAM RESERVES THE RIGHT TO ENTER PRIVATE PROPERTY FOR PURPOSES OF PERIODIC SITE REVIEWS.
 - THE DNREC SEDIMENT AND STORMWATER PROGRAM SHALL BE NOTIFIED WITHIN 30 BUSINESS DAYS IF THE PROPERTY OWNERSHIP IS TRANSFERRED TO A NEW PERSON OR ENTITY.
 - THE DNREC SEDIMENT AND STORMWATER PROGRAM MAY SEEK ENFORCEMENT ACTION AGAINST ANY OWNER DEEMED NEGLIGENT IN FULFILLING THE OPERATION AND MAINTENANCE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
 - THE DNREC SEDIMENT AND STORMWATER PROGRAM SHALL BE CONTACTED IF A CONCERN ARISES REGARDING A STORMWATER MANAGEMENT FACILITY, BEFORE ANY NON-ROUTINE MAINTENANCE, OR IF MODIFICATIONS TO THE FACILITY ARE DESIRED.
 - ANY DESIGN MODIFICATIONS MADE TO THE STORMWATER SYSTEM SHALL REQUIRE THE CREATION OF A NEW POST CONSTRUCTION STORMWATER MANAGEMENT PLAN AND/OR OPERATIONS AND MAINTENANCE PLAN, WITH APPROVAL OF THE PLAN(S) BY THE DNREC SEDIMENT AND STORMWATER PROGRAM.
 - FOR ALL STORMWATER EASEMENT AREAS (I.E., ACCESS, MAINTENANCE, OR OFFSITE) AND THE MINIMUM 10-FOOT WIDE ACCESSWAYS TO ALL STORMWATER FACILITIES AND THEIR STRUCTURAL COMPONENTS, REGULAR MOWING SHALL BE PERFORMED TO KEEP THE GRASS 6" OR LESS; NO TREES OR SHRUBS SHALL BE PLANTED, AND ANY FOUND GROWING SHALL BE REMOVED; AND NO PERMANENT STRUCTURES, SUCH AS FENCES OR SHEDS, SHALL BE LOCATED WITHIN THE EASEMENT OR ACCESSWAY.
 - TREES SHALL NOT BE PLANTED, AND SHALL BE REMOVED IF FOUND GROWING, ON AND WITHIN 15 FEET OF ALL POND EMBANKMENTS, ON POND SLOPES OR SAFETY BENCHES, AND WITHIN 10 FEET OF STRUCTURAL COMPONENTS, SUCH AS PIPE INLETS.
 - WHEN THE FACILITY IS EXCAVATED TO REMOVE ACCUMULATED SEDIMENT, THE DISPOSAL AREA SHALL BE PERMANENTLY STABILIZED SO THAT IT DOES NOT RECREATE AN EROSION PROBLEM. ANY MATERIAL TAKEN OFF-SITE SHALL STILL BE UTILIZED OR DISPOSED OF IN AN APPROVED DNREC MANNER.
 - BEFORE ANY EARTHWORK OR EXCAVATION TAKES PLACE, THE CONTRACTOR SHALL CALL MISS UTILITY AT 811 OR 1.800.282.8555 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, TO HAVE ALL EXISTING UTILITIES MARKED ONSITE.

FILTER STRIP MAINTENANCE

FUNCTION:
FILTER STRIPS SPREAD RUNOFF UNIFORMLY OVER A FILTERING SURFACE OF VEGETATION, PROVIDING INFILTRATION AND POLLUTANT REMOVAL. FILTER STRIPS CAN PROVIDE SUBSTANTIAL TREATMENT AS LONG AS THEY ARE NOT OVERWHELMED BY SEDIMENT AND RUNOFF.

INSPECTION:
SEMI-ANNUAL (SPRING AND FALL) & AFTER STORM EVENTS OF 2 INCHES OR MORE.

TRASH AND DEBRIS:
REMOVE TRASH AND DEBRIS ON A REGULAR BASIS.

SOIL:
SOIL SHOULD BE TESTED ANNUALLY TO ENSURE PROPER PH AND FERTILITY INCLUDING: ORGANIC MATTER, MAGNESIUM (MG), PHOSPHORUS (P), NITROGEN (N), POTASSIUM (K2O), AND SOLUBLE SALTS. IF REQUIRED, FERTILIZER SHOULD ONLY BE APPLIED IN THE FALL.

EROSION:
IF BARE SOIL EXISTS WITHIN ANY AREA OF FILTER STRIP, RESEED AND/OR REPLANT AS REQUIRED BASED UPON INSPECTION FINDINGS. STABILIZE APPLICABLE ERODED AREAS WITH ROLLED EROSION CONTROL PRODUCTS (RECP) OR TURF REINFORCING MATS (TRM), AS REQUIRED. IF RECP IS APPLIED, IT IS RECOMMENDED TO USE TRULY BIODEGRADABLE PRODUCTS TO AID IN MOWING MAINTENANCE AND DETRIMENTAL WILDLIFE ENANGLEMENT. THESE PRODUCTS CAN BE RECOGNIZED AS HAVING "BN" FOR BIONETTING OR "B" FOR BIODEGRADABLE.

MOWING:
MOW AS NEEDED BETWEEN SEPTEMBER 1 AND 30 TO ALLOW FOR REGROWTH OF WINTER COVER WHILE AVOIDING POTENTIAL NEGATIVE EFFECTS ON WILDLIFE SUCH AS NESTING BIRDS. USE MULCHING MOWER TO ENSURE THAT NUTRIENTS ARE RECYCLED. FOR WARM SEASON GRASSES, THE PREVIOUS SEASON'S STALKS SHOULD BE CUT DOWN TO 8-12 INCHES IN EARLY SPRING (MID MARCH), BEFORE NEW SEASON'S GROWTH EMERGES. THE APPROVED PLAN WILL SPECIFY THE MOW HEIGHT. FILTER STRIP VEGETATION SHOULD BE MAINTAINED AT A HEIGHT OF 2 TIMES THE DEPTH OF FLOW DURING THE QUALITY STORM, WHICH IS A MINIMUM 3-INCH HEIGHT.

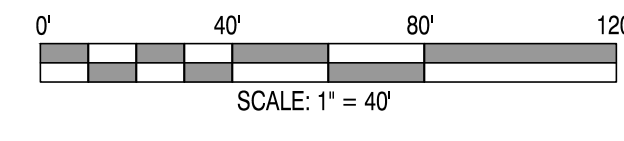
SEEDING:
VEGETATED FILTER STRIP SEED MIX SHALL BE BED FOR ALL PERMANENT SEEDING IN FILTER STRIP AREAS. SEE SWM1.5 FOR DETAILS.

BUFFERS:
NA

FENCING:
NA

SPECIAL CONSIDERATIONS:
CONSULT THE DELAWARE DEPARTMENT OF AGRICULTURE FOR LICENSING REQUIREMENTS PERTAINING TO THE APPLICATION OF CHEMICALS.

HIRE A PROFESSIONAL:
REPAIR OF SEVERE EROSION; VEGETATION CONTROL (CHEMICAL APPLICATION) IF LICENSING REQUIRED BY DE. DEPARTMENT OF AGRICULTURE.



REVISIONS:	DATE:	DESCRIPTION:	BY:	DATE:
	11/17/16	REVISED PER DNREC COMMENTS	ATF	ATF
	12/12/16	REVISED PER DNREC COMMENTS	ATF	ATF

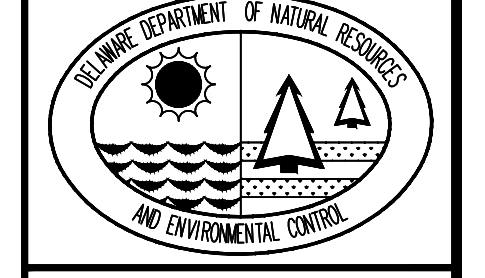
**WCCSP TRI-VALLEY TRAIL
SEDIMENT STORMWATER MANAGEMENT PLANS**
POST CONSTRUCTION MANAGEMENT PLAN - FILTER STRIP #2

SEAL:

CIVIL ENGINEER:

4134 N. DUPONT HWY.
DOVER, DELAWARE 19901

CEI CONTRACT NO. WCCSP-7A



DESIGNED BY:
ATF

DRAWN BY:
ATF

CHECKED BY:
AES

DATE:
DECEMBER 12, 2016

SCALE:
AS NOTED

SHEET NO.:
SWM1.9

CONTRACT NO.:
2016-WCCSP-100