



Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section N 1/2 of SE 1/4 S 1 T 8 N ^{R20E} Name of Business/Subdivision Menomonee Falls Assisted Living
Property Tax ID Number MNFV 0036-993-001 Address of Property W180 N0814 Town Hall Rd.

Dry Pond	
Wet Pond	
Other	☒

Description: SW-Biofilter Location Of along S. property line
095007 Pond SW Biofilter

Biofilter - SW

Year Pond Constructed 2012

Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)					(Same as Riser) (as far as Storm Sewer)
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)					N/A
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)	18"	18"	✓		N-12
Elevation	886.5	886.31	✓		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					N/A
Elevation					

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)					N/A	
Elevation						
Other (Description)						
Opening Type and Size (inches)					N/A	
Elevation						
Emergency Spillway						
Elevation					N/A	
Length of spillway (feet)						
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation			N/A			
Animal burrows or slope erosion						
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)					X	Biofilter - Not wet or dry -
Design High Water Elevation					X	
Area at Normal Water Elevation (Ac) (Wet Ponds)					X	
Area at Design High Water Elevation (Ac)					X	
Active Storage Available (Ac-Ft)*					X	
Lowest Elevation at Top of Embankment (If Applicable)					X	
Average Elevation at Top of Embankment (If Applicable)					X	
Maximum Bottom Elevation					X	
Average Pond Bottom Elevation					X	
Pond Bottom Area (Ac)					X	
Maximum Pond Depth					X	
Average Pond Depth					X	
Average Permanent Pool Depth (Wet Ponds)					X	

*To Determine Active Storage $V = \left(\left(\frac{H}{3} \right) \left(A_1 + A_2 + \left(\left(A_1 + A_2 \right)^{\frac{1}{2}} \right) \right) \right)$

Wet Ponds Use H = Height of Section, A1 = area at normal water elevation, A2 = area at top section

Dry Ponds Use H = Height of Section, A1 = pond bottom area, A2 = area at top section

Sketch Outlet

See attached

Place Photograph of Pond

See attached

Place Photograph of Pond

See attached

Inspection Firm:

Phone Number:

Address:

Inspector Name:

Inspection Date:

Certifying

Professional Name:

Phone Number:

Jennifer Schaff

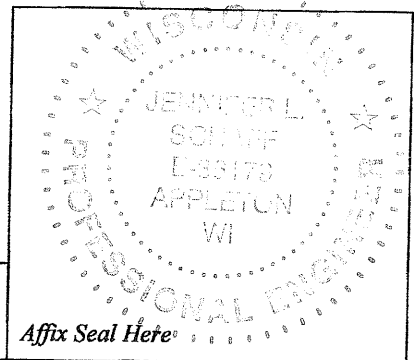
980 751 4900

Date:

11/6/14

Signature:

Jennifer Schaff

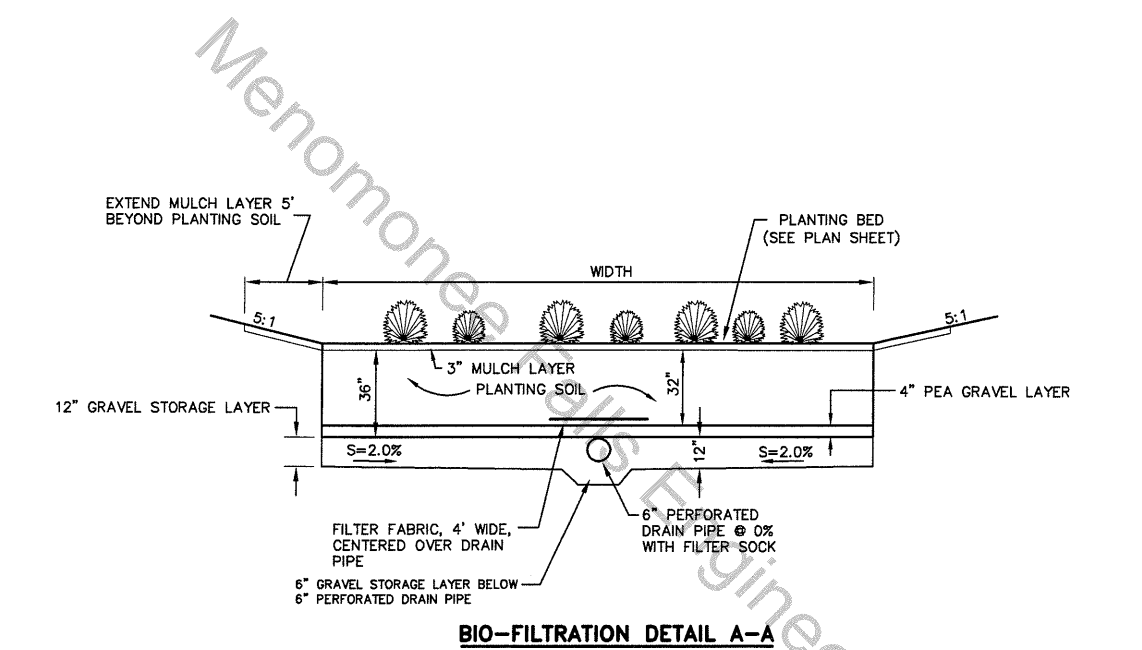


SW BIOFILTER

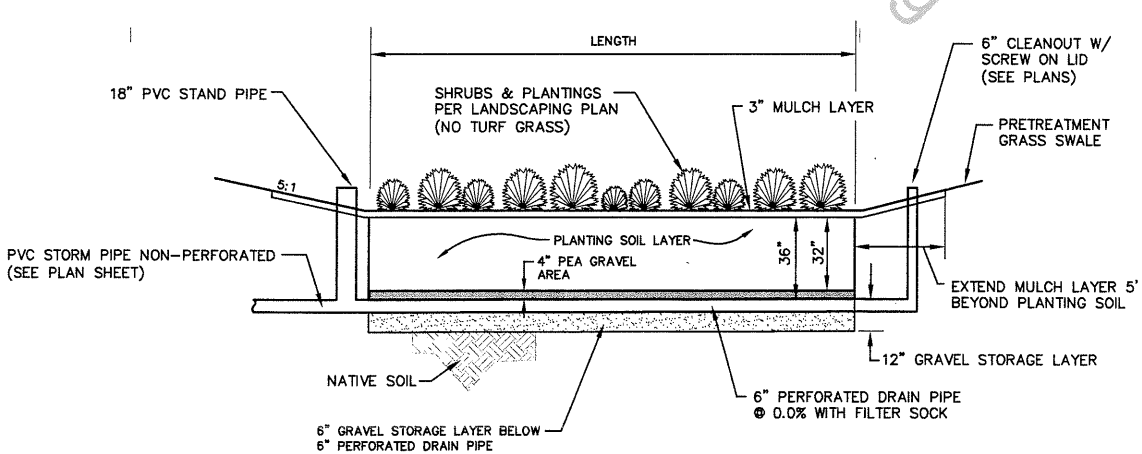
LATIN NAME	COMMON NAME	SYMBOL
ANDROPOGON GERARDIA	BIG BLUESTEM	AG
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	AN
CAREX VULPINOIDEA	FOX SEDGE	CV
CHELONE GLABRA	WHITE TURTLEHEAD	CG
GENTIANA ANDREWSII	BOTTLE GENTIAN	GA
IRIS VERSICOLOR	BLUE FLAG IRIS	IV
LIATRIS SPICATA	MARSH BLAZINGSTAR	LS
LOBELIA SIPHILTCA	GREAT BLUE LOBELIA	LSI
RUDBECKIA SUBTOMENTOSA	SWEET BLACK-EYED SUSAN	RS
VERNONIA AUREA	IRONWEED	VF
ZIZIA AUREA	GOLDEN ALEXANDERS	ZA

BIO-FILTRATION PLANTING SCHEDULE

SPECIES AND QUANTITY CAN BE VARIED BY OWNER / LANDSCAPER THAT IS FAMILIAR WITH RAIN GARDENS, AS LONG AS NATIVE SPECIES ARE USED AND THE PLANTING DENSITY IS MAINTAINED AT 1 PLANT PER 2 SQUARE FEET.



BIO-FILTRATION DETAIL A-A



BIO-FILTRATION DETAIL B-B



Menomonee Falls Assisted Living – SW Biofilter

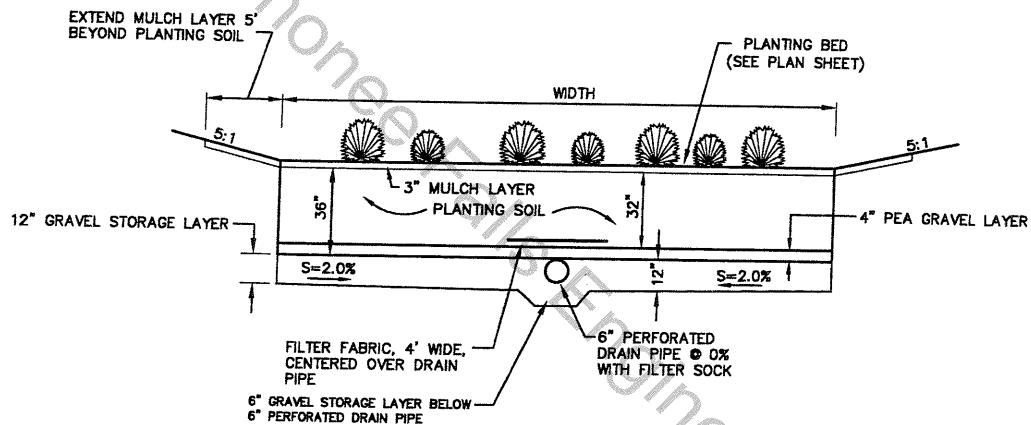


Menomonee Falls Assisted Living- SW Biofilter

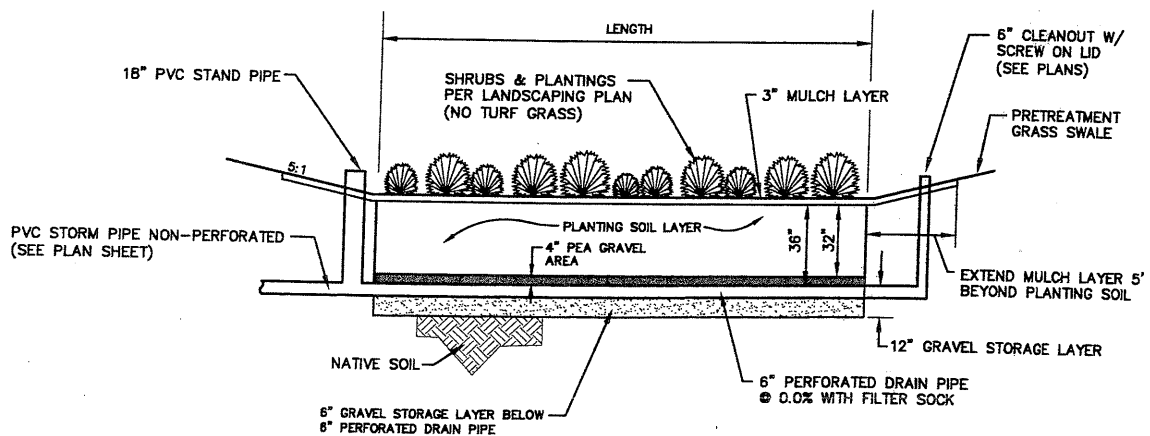
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