



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 SW 1/4 Sec 3 Name of Business/Subdivision Riverwalk on the Falls
T8N, R20E _____
Property Tax ID Number MNFV00111 Address of Property W165N8910 Grand Ave
33003 _____
Date 10/15/2020 _____

Dry Pond		Location of Pond	Under North Parking Lot
Wet Pond	X		
Other	X	Pond ID: SWP03S008	

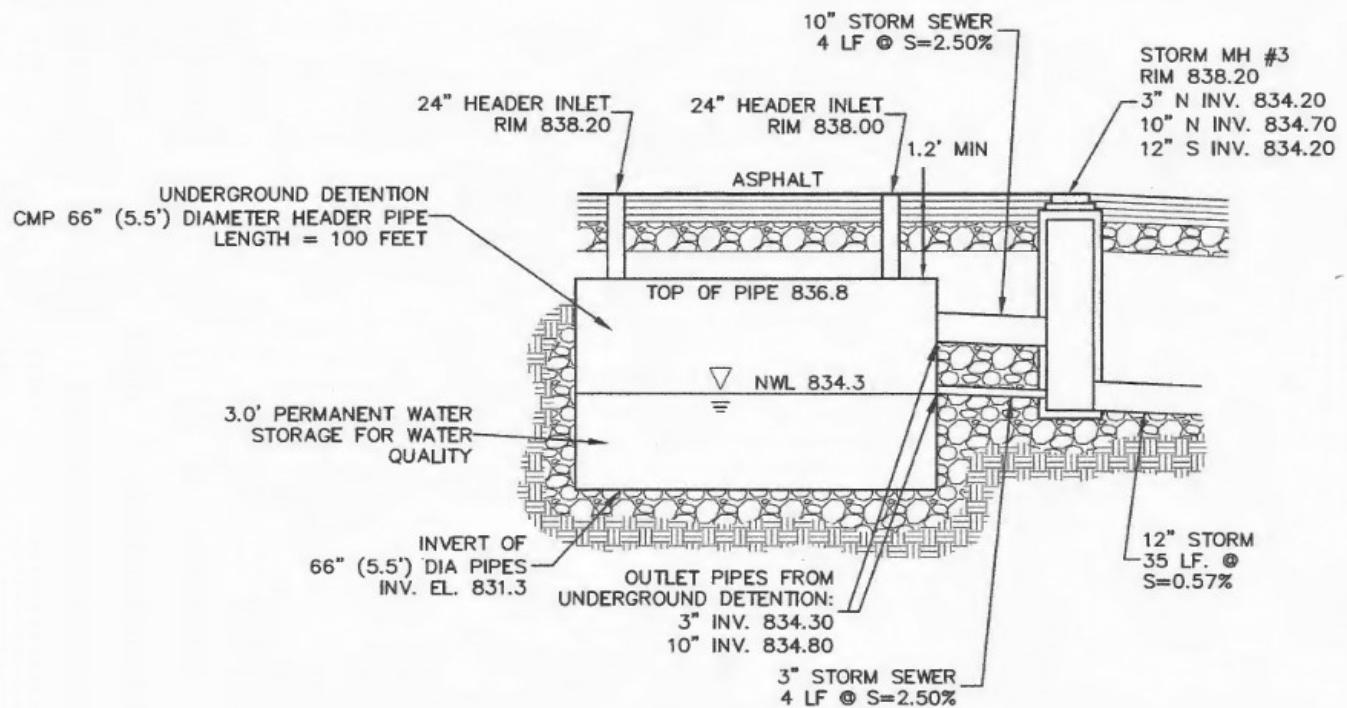
Year Pond Constructed 2018 Year of Last Certification 2019

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter (inches)	3	3	X		PVC
Upstream Invert	834.30	834.3	X		
Downstream Invert	834.20	834.2	X		
Length (feet)	4.0	5	X		
Slope (%)	2.5	2	X		
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter (inches)	10	10	X		PVC
Upstream Invert	834.8	834.8	X		
Downstream Invert	834.70	834.7	X		
Length (feet)	4.0	5	X		
Slope (%)	2.5	2	X		
Riser	(If Applicable)				
Opening Diameter (inches)					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes No	Comments		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation						
Length of spillway (feet)						
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation						
Animal burrows or slope erosion						
Storm Sewer Outfalls	Type & Size		Location	Comments		
Outfall 1	12" HDPE Pipe		MH#4 to CB#4	Pond outfalls connected to MH#4		
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used	
Normal Water Elevation (Wet Ponds)	834.30	834.3	X			
Design High Water Elevation	836.73	836.73	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.0126	0.0126	X			
Area at Design High Water Elevation (Ac)	0.0239	0.0239	X			
Active Storage Available (Ac-Ft)*	0.0241	0.0241	X			
Lowest Elevation at Top of Embankment (If Applicable)						
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	831.30	831.3	X			
Average Pond Bottom Elevation						
Pond Bottom Area (Ac)	0	0	X			
Maximum Pond Depth	5.5'	5.5'	X			
Average Pond Depth	5.5'	5.5'	X			
Average Permanent Pool Depth (Wet Ponds)	3.0'	3.0'	X			

*To Determine Active Storage $V=(H/3) (A1+A2+(\sqrt{(A1+A2)}))$

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



UNDERGROUND STORM WATER FACILITY DETAIL

NOT TO SCALE

Inspection Firm: CJ Engineering
 Phone Number: 414-443-1312
 Address: 9205 W. Center St.
 Suite 214
 Milwaukee, WI 53222

Inspector Name: Randall Bruckner
 Inspection Date: 10-14-2020

Certifying Professional

Name: Randall Bruckner, PE
 Phone Number: 414-443-1312

Date:

10-14-20

Signature:

Randy Bruckner



