



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 ¼ 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	
Wet Pond	X
Other	X

Pond ID: SWP03S008

Location of Pond Under North Parking Lot

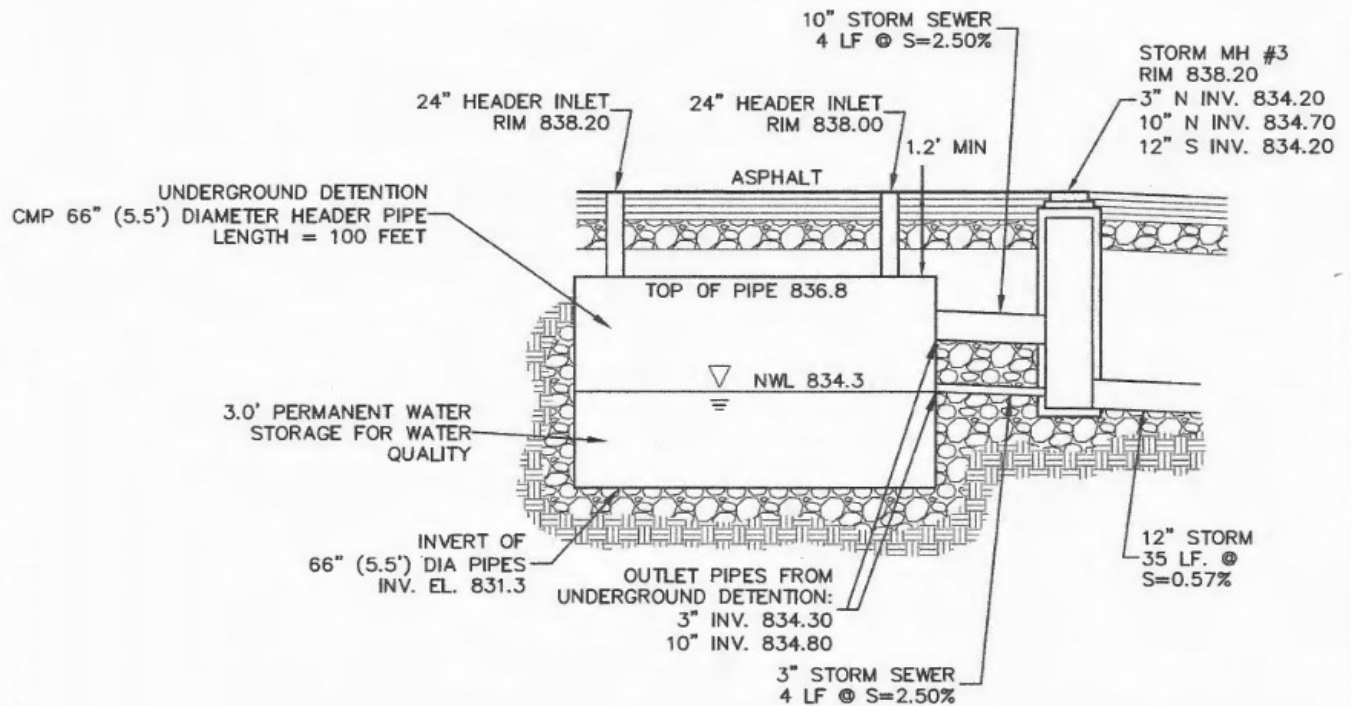
Year Pond Constructed 2018 Year of Last Certification 2019

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>				Outlet Pipe Material
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	
<b>Secondary Outlet Pipe</b>	(If Applicable)			Outlet Pipe Material
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	
<b>Riser</b>	(If Applicable)			Riser Material
Opening Diameter (inches)				
Elevation				
<b>Upper Discharge Control</b>	(If Applicable)			
Opening Diameter (inches)				
Elevation				

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)						
Elevation						
<b>Other (Description)</b>						
Opening Type and Size (inches)						
Elevation						
<b>Emergency Spillway</b>						
Elevation						
Length of spillway (feet)						
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation						
Animal burrows or slope erosion						
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1	12" HDPE Pipe		MH#4 to CB#4		Pond outfalls connected to MH#4	
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	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  $V = (H/3) (A1 + A2 + \sqrt{(A1 \cdot A2)})$

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: [Handwritten Signature]



