



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 T8N, R20E	Name of Business/Subdivision	Riverwalk on the Falls
Property Tax ID Number	MNFV00111 33003	Address of Property	W165N8910 Grand Ave
Date	10/04/2021		

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

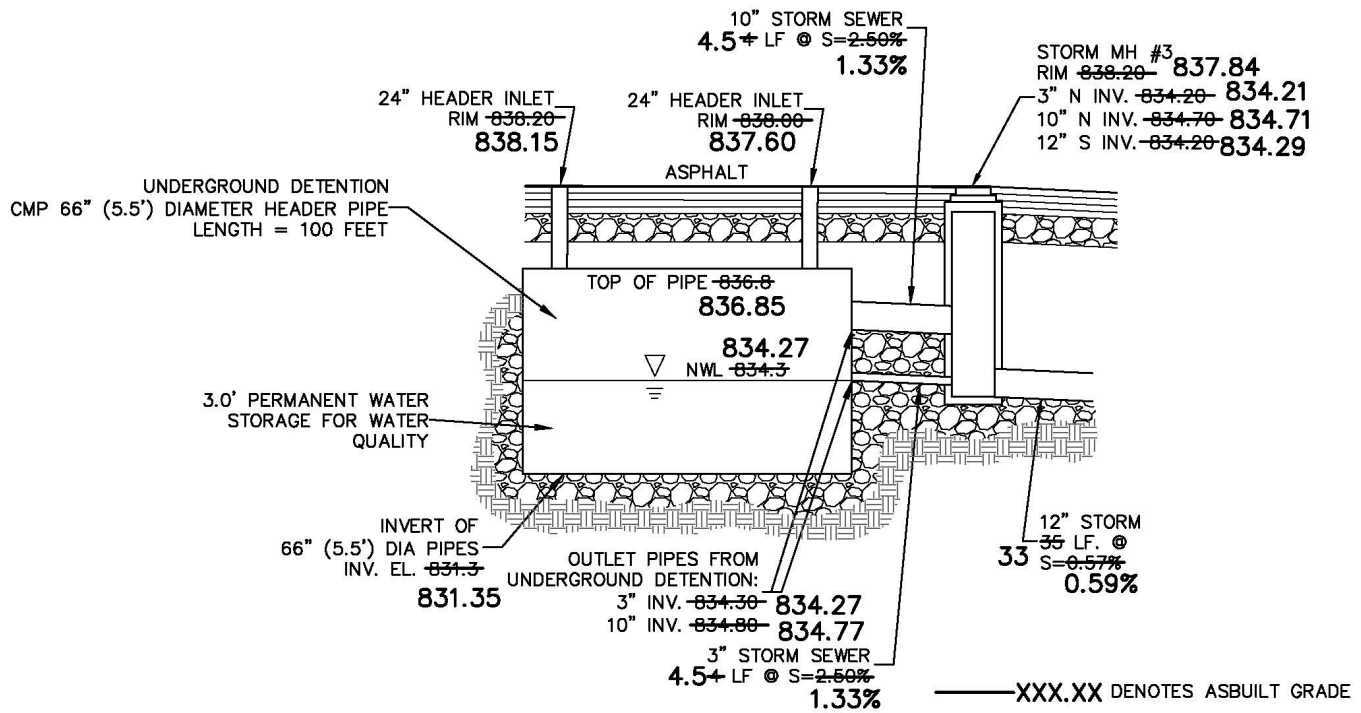
Year Pond Constructed	2018	Year of Last Certification	2020
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Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	3	3	X		PVC
Upstream Invert	834.30	834.3	X		
Downstream Invert	834.20	834.2	X		
Length (feet)	4.0	5	X		
Slope (%)	2.5	2	X		
Secondary Outlet Pipe	(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		
Riser	(If Applicable)				Riser Material
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 $V = (H/3) (A1 + A2 + (\sqrt{A1 \cdot A2}))$

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



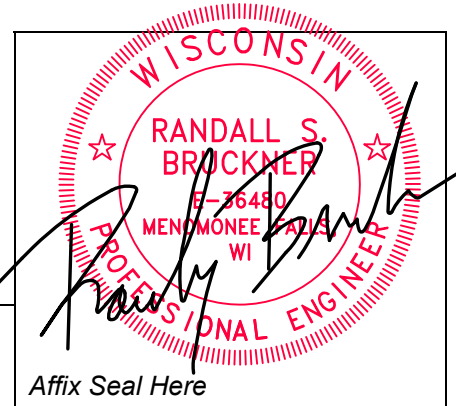
ASBUILT UNDERGROUND STORM WATER FACILITY DETAIL

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: 10-4-2021

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



Date: 10-04-21	Signature:
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