



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 NE 1/4 of Sec. 16 Name of Business/Subdivision MCS - Wildwood Lake LLC
Property Tax ID Number MNFV 0061999025 Address of Property N77 W17700 Lake Park Drive
Menomonee Falls, WI 53051

Dry Pond		Description: <u>SWP16N009</u>	Location Of Pond	<u>Outlot 1 of CSM No. 10267</u>
Wet Pond	X			<u>South side of the elderly housing building.</u>
Other				

Year Pond Constructed 2007 Year of Last Certification 2016

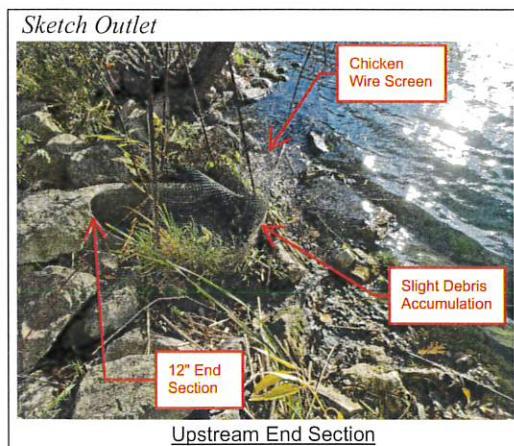
Compliance Verification	Design	Actual	Compliant	Comments (Condition of Structure)
	Yes	No		
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	12	12	X	RCP (Concrete Pipe) - good condition
Upstream Invert	855.00	854.93	X	
Downstream Invert	854.31	854.33	X	Good condition - Chicken wire screen should be routinely cleared and checked for damage. Downstream end section has been stabilized since last inspection, but an animal burrow was observed above it. Recommend filling in the burrow to prevent future issues.
Length (feet)	90.2	83.9	X	
Slope (%)	0.700%	0.715%	X	
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)				N/A
Elevation				
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	862.0	861.9	X		Spillway Observed in good condition.	
Length of spillway (feet)	20	20	X		Spillway Observed in good condition.	
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	X		Remove woody vegetation along the east edge of the pond, near the rip-rap in the southwest corner, and near the rip-rap in the northwest corner. Repair erosion channel in northwest corner.			
Animal burrows or slope erosion	X		Fill animal burrows: 1) South Center near waters edge. 2) Above downstream end section of outlet pipe. 3) Northeast Corner near water edge. 4) ~45' east of northwest storm outfall.			
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	12" RCP		Northwest corner		Good Condition	
Outfall 2	15" RCP		Southwest corner		Good Condition	
Outfall 3	27" RCP		Northeast corner		Good Condition	
Storage Properties	Design	Actual	Compliant Yes	No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	855.00	855.01				GPS
Design High Water Elevation	859.59	859.59				GPS
Area at Normal Water Elevation (Ac) (Wet Ponds)	2.45	2.45				
Area at Design High Water Elevation (Ac)	3.31	3.31				
Active Storage Available (Ac-Ft)*	15.1	15.2				
Lowest Elevation at Top of Embankment (If Applicable)	866.25	866.13				GPS
Average Elevation at Top of Embankment (If Applicable)	866.25	866.15				GPS
Maximum Bottom Elevation	844.00	844.10				String line with weight - depth checks
Average Pond Bottom Elevation	844.00	844.70				String line with weight - depth checks
Pond Bottom Area (Ac)	1.2	1.25				
Maximum Pond Depth	11	10.9				
Average Pond Depth	11	10.3				
Average Permanent Pool Depth (Wet Ponds)	11	10.6				

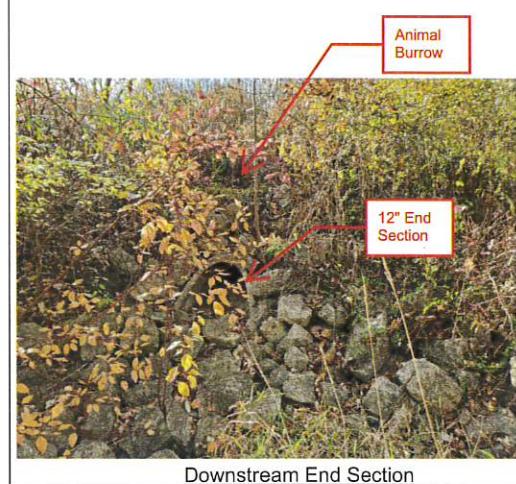
*To Determine Active Storage $V = ((H/3)(A1 + A2 + ((A1 + A2)^{(1/2)})))$

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

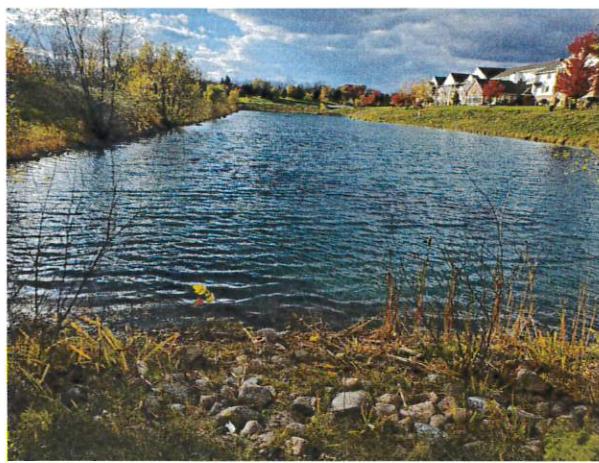
Dry Ponds Use $H = \text{Height of Section}$, $A1 = \text{pond bottom area}$, $A2 = \text{area at top section}$



Looking East



Looking West



Inspection Firm: Trio Engineering, LLC
 Phone Number: 262-790-1480
 Address: 4100 N. Calhoun Rd.
Suite 300
Brookfield, WI 53005

Inspector Name : Dan Scherer
 Inspection Date: 11/01/21

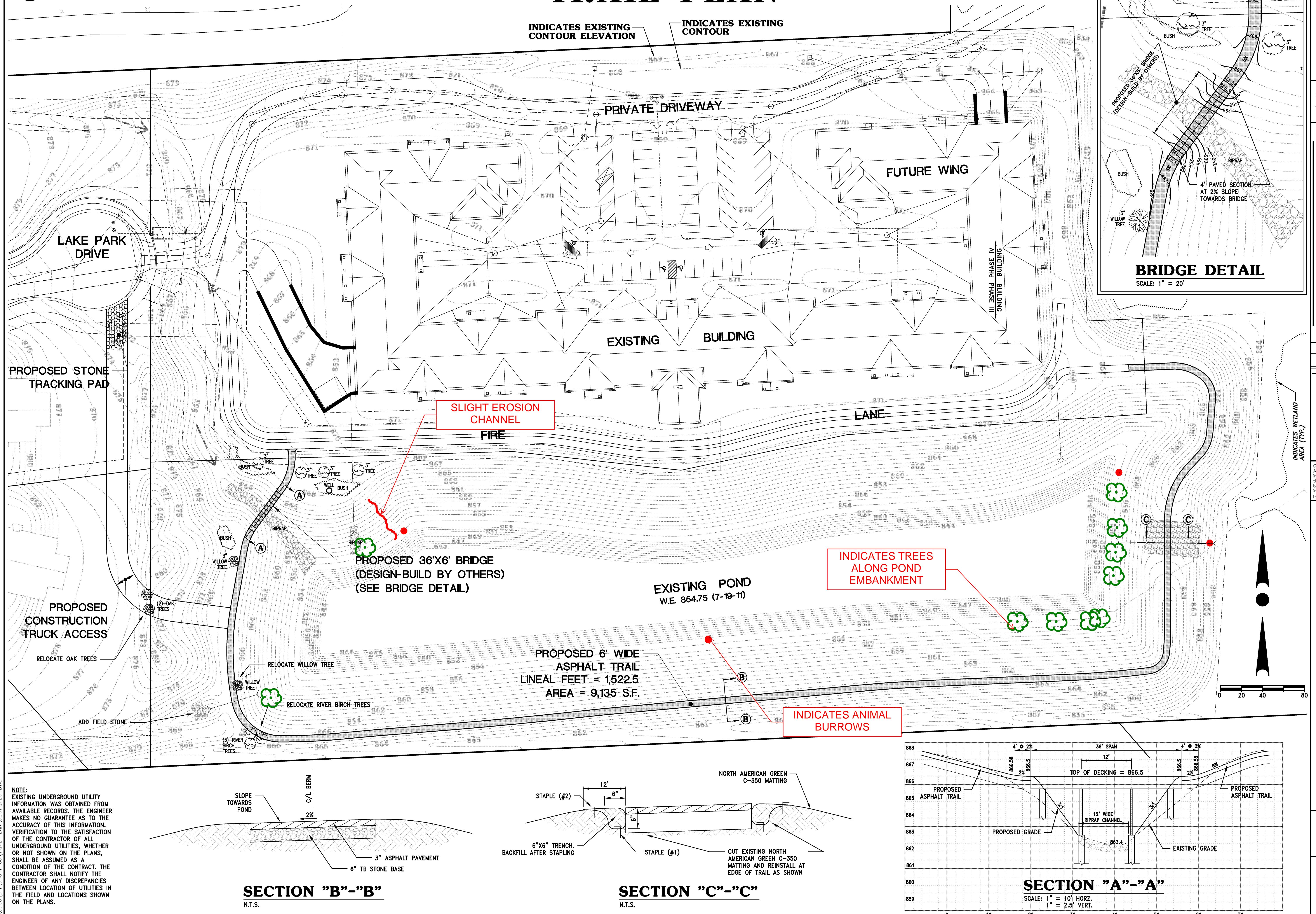
Certifying
 Professional Name: Daniel Scherer
 Phone Number: 262-790-1480 ext. 108

Date:	Signature:
<u>11-2-2021</u>	<u>Dan Scherer</u>



CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE
CALL DIGGERS HOTLINE 1-800-242-8511

TRAIL PLAN



JOB NUMBER: 311\95014-03
DRAWN: G.L.G. CHECKED: J.D.P. FILED: Grady
FILED: 07/21/2011 04:39 PM



17700 W. CAPITOL DRIVE
BROOKFIELD, WI 53045
PHONE: (262) 790-1480
FAX: (262) 790-1481
EMAIL: jjudelko@osikengineering.com

REVISIONS	
DATE	DESCRIPTION
-	-

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WILDWOOD LAKE
MENOMONEE FALLS, WISCONSIN
APPLETON, WISCONSIN
PREPARED FOR:

UNITED FINANCIAL GROUP
APPLETON, WISCONSIN

TRAIL
PLAN

SHEET 1 OF 1

JULY 21, 2011