



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	
Wet Pond	X
Other	

Description: SWP16N009
Pond

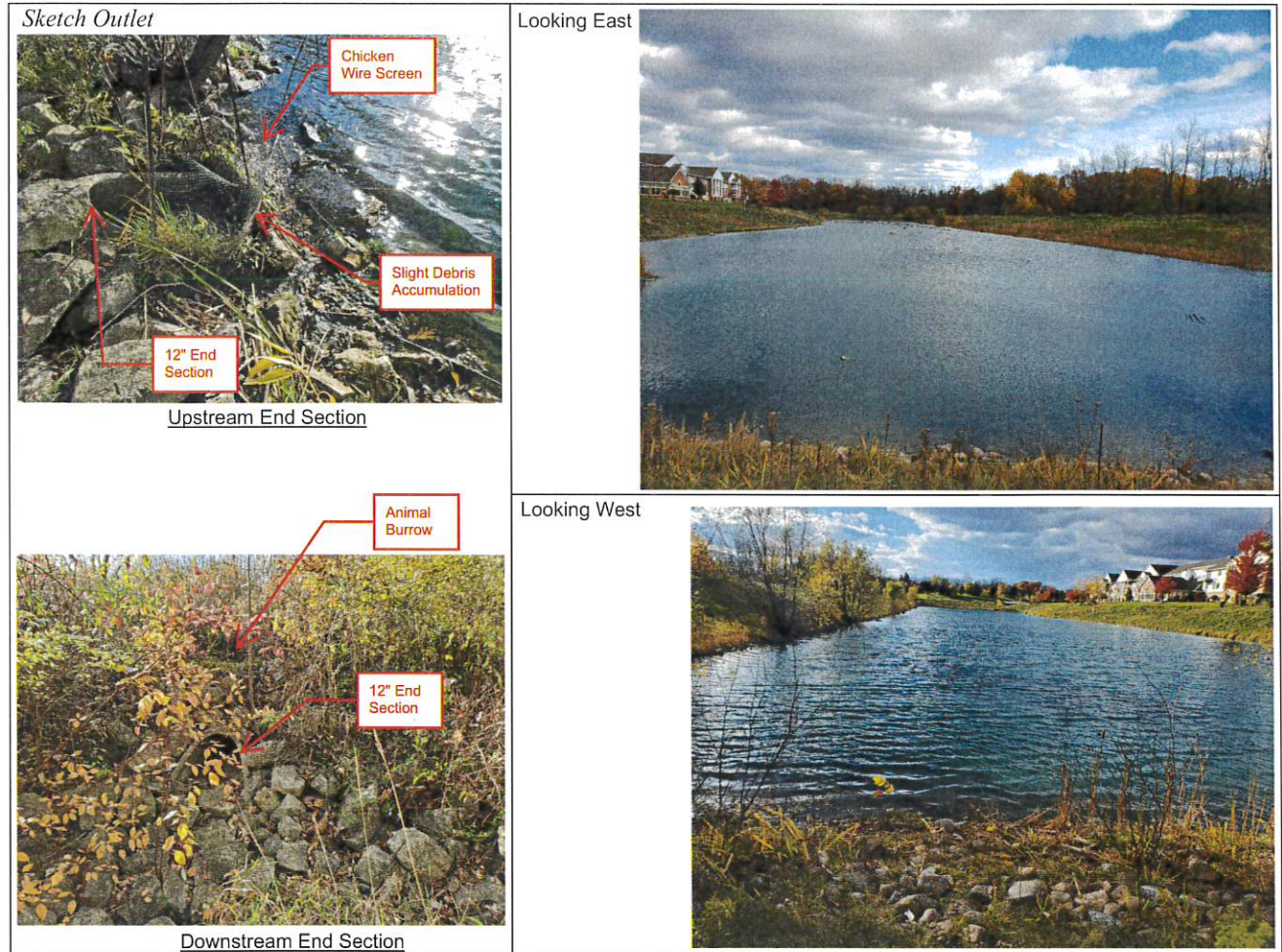
Location Of Pond Outlot 1 of CSM No. 10267
South side of the elderly housing building.

Year Pond Constructed 2007 Year of Last Certification 2016

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12	12	X		RCP (Concrete Pipe) - good condition 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.
Upstream Invert	855.00	854.93	X		
Downstream Invert	854.31	854.33	X		
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.		
Animal burrows or slope erosion		X		Repair erosion channel in northwest corner. 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
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 String line with weight - depth checks
Average Pond Bottom Elevation		844.00	844.70			
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 $V = \left(\left(\frac{H}{3} \right) \left(A1 + A2 + \left(\left(A1 + A2 \right) ^{\left(\frac{1}{2} \right)} \right) \right) \right)$
 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



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

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

INDICATES EXISTING
CONTOUR ELEVATION

INDICATES EXISTING
CONTOUR

PRIVATE DRIVEWAY

FUTURE WING

EXISTING BUILDING

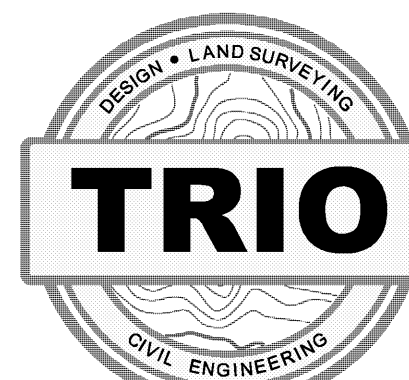
SHED BUILDING
AT ASPHALT PHASE III

BRIDGE DETAIL

SCALE: 1" = 20'



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: jpudelko@oskengineering.com

REVISIONS

DATE	DESCRIPTION

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WILDWOOD LAKE

MEMOMONEE FALLS, WISCONSIN

PREPARED FOR:

UNITED FINANCIAL GROUP

APPLETON, WISCONSIN

TRAIL PLAN

SHEET 1 OF 1

JULY 21, 2011

LAKE PARK DRIVE

PROPOSED STONE TRACKING PAD

PROPOSED CONSTRUCTION TRUCK ACCESS

RELOCATE OAK TREES

ADD FIELD STONE

SLIGHT EROSION CHANNEL

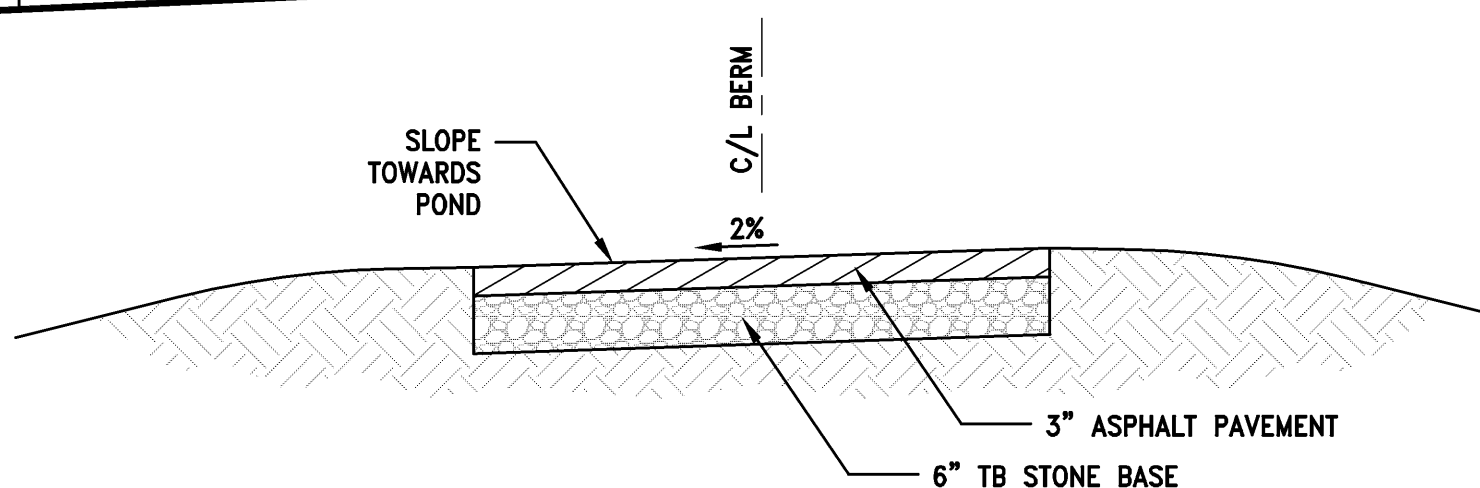
PROPOSED 36'X6' BRIDGE
(DESIGN-BUILD BY OTHERS)
(SEE BRIDGE DETAIL)

EXISTING POND
W.E. 854.75 (7-19-11)

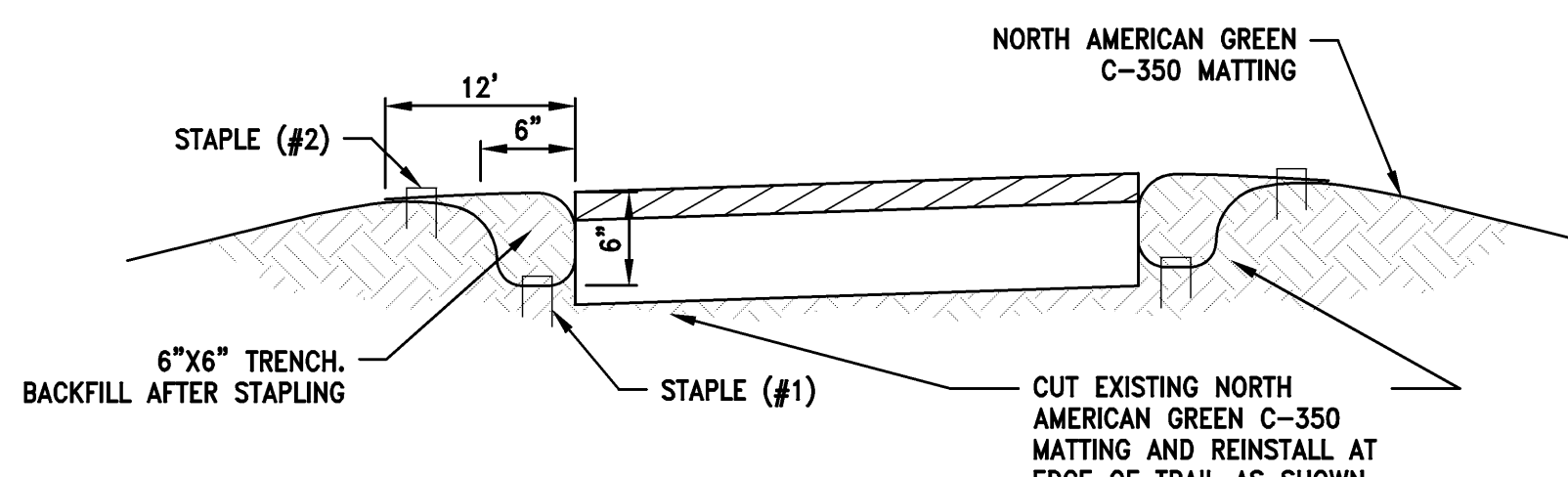
PROPOSED 6' WIDE ASPHALT TRAIL
LINEAL FEET = 1,522.5
AREA = 9,135 S.F.

INDICATES TREES ALONG POND EMBANKMENT

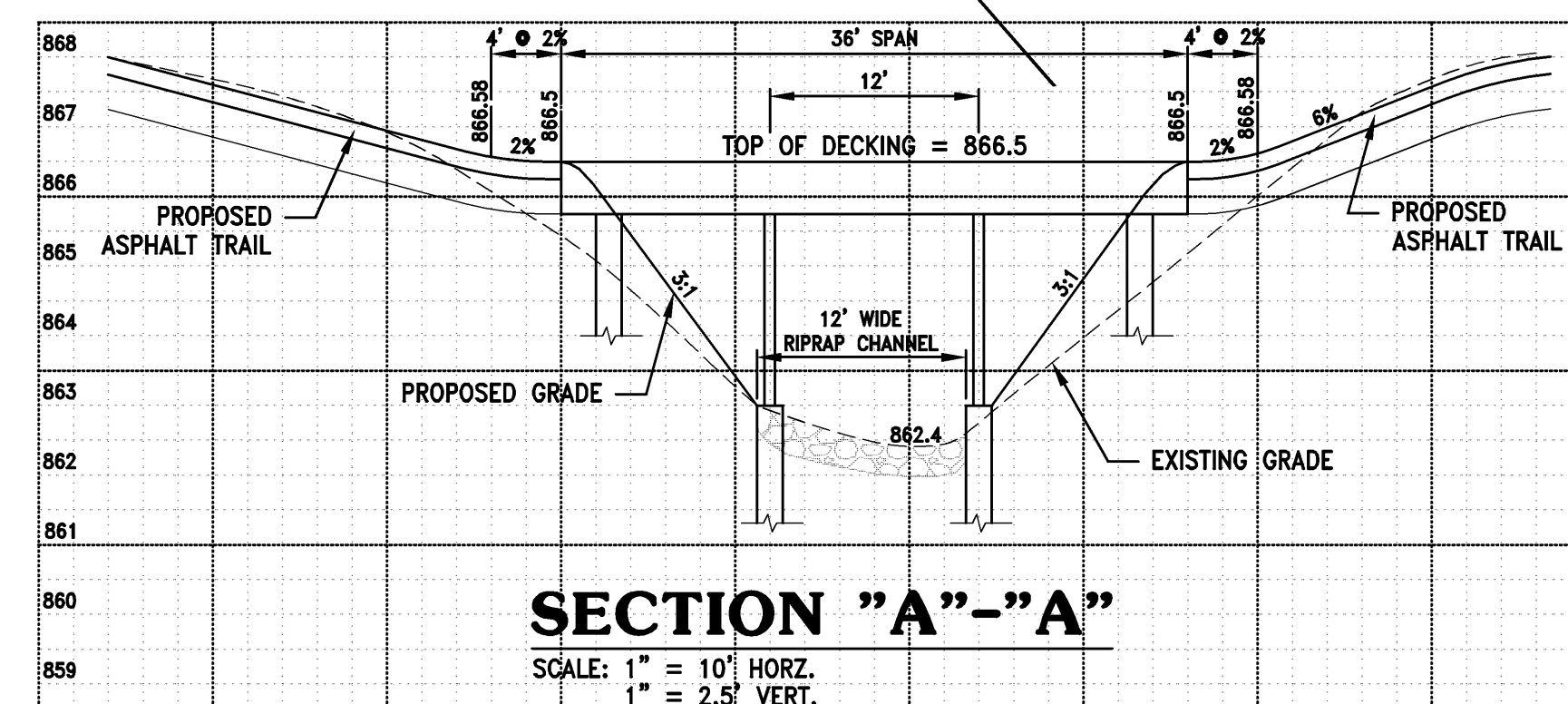
INDICATES ANIMAL BURROWS



SECTION "B"-"B"
N.T.S.



SECTION "C"-"C"
N.T.S.



SECTION "A"-"A"
SCALE: 1" = 10' HORZ.
1" = 2.5' VERT.

NOTE:
EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.

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