



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 Name of Business/Subdivision Marcy Elementary School

19

Property Tax ID Number Address of Property W180 N4851 Marcy Road
Date Menomonee Falls, WI 53051

Dry Pond	X	Pond ID: SWP	Location of Pond	SE Corner of Property
Wet Pond				
Other				

Year Pond Constructed 2005 Year of Last Certification 2010

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter (inches)	4"	4"	X	PVC
Upstream Invert	Unknown	891.37	X	
Downstream Invert	Unknown	890.96	X	
Length (feet)	Unknown	26.51	X	
Slope (%)	Unknown	1.55%	X	
Secondary Outlet Pipe	(If Applicable)			
Opening Diameter (inches)				Outlet Pipe Material
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			
Opening Diameter (inches)				Riser Material
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	895.75	894.84			
Length of spillway (feet)	NA	20'			
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					
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	NA				
Design High Water Elevation	895.75	894.84			
Area at Normal Water Elevation (Ac) (Wet Ponds)	NA	NA			
Area at Design High Water Elevation (Ac)	NA	0.219			
Active Storage Available (Ac-Ft)*	0.78	0.377			
Lowest Elevation at Top of Embankment (If Applicable)	896.65	896.17			
Average Elevation at Top of Embankment (If Applicable)	896.65	896.28			
Maximum Bottom Elevation	892.00	891.73			
Average Pond Bottom Elevation	892.00	892.00			
Pond Bottom Area (Ac)	NA	0.02			
Maximum Pond Depth	4.90'	4.55'			
Average Pond Depth	4.90'	4.28'			
Average Permanent Pool Depth (Wet Ponds)		NA			

*To Determine Active Storage $V=H/3(A1+A2+(A1xA2)/2)$

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

Sketch Outlet or Attach to Document

Place Photograph of Pond or Attach to Document

**Please see attached as-built

Place Photograph of Pond or Attach to Document

Attach As-built Survey to the Document for the first report submission

Inspection Firm: Kapur & Associates
Phone Number: 414-751-7212
Address: 7711 N Port Washington Road
Milwaukee, WI 53217

Inspector Name: Jeremy Schwartz, P.E.
Inspection Date: December 7, 2017

Certifying Professional Jeremy Schwartz, P.E.
Name: Jeremy Schwartz
Phone Number: 414-751-7212

Date:

12-7-17

Signature:

Signature of Jeremy Schwartz



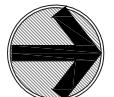
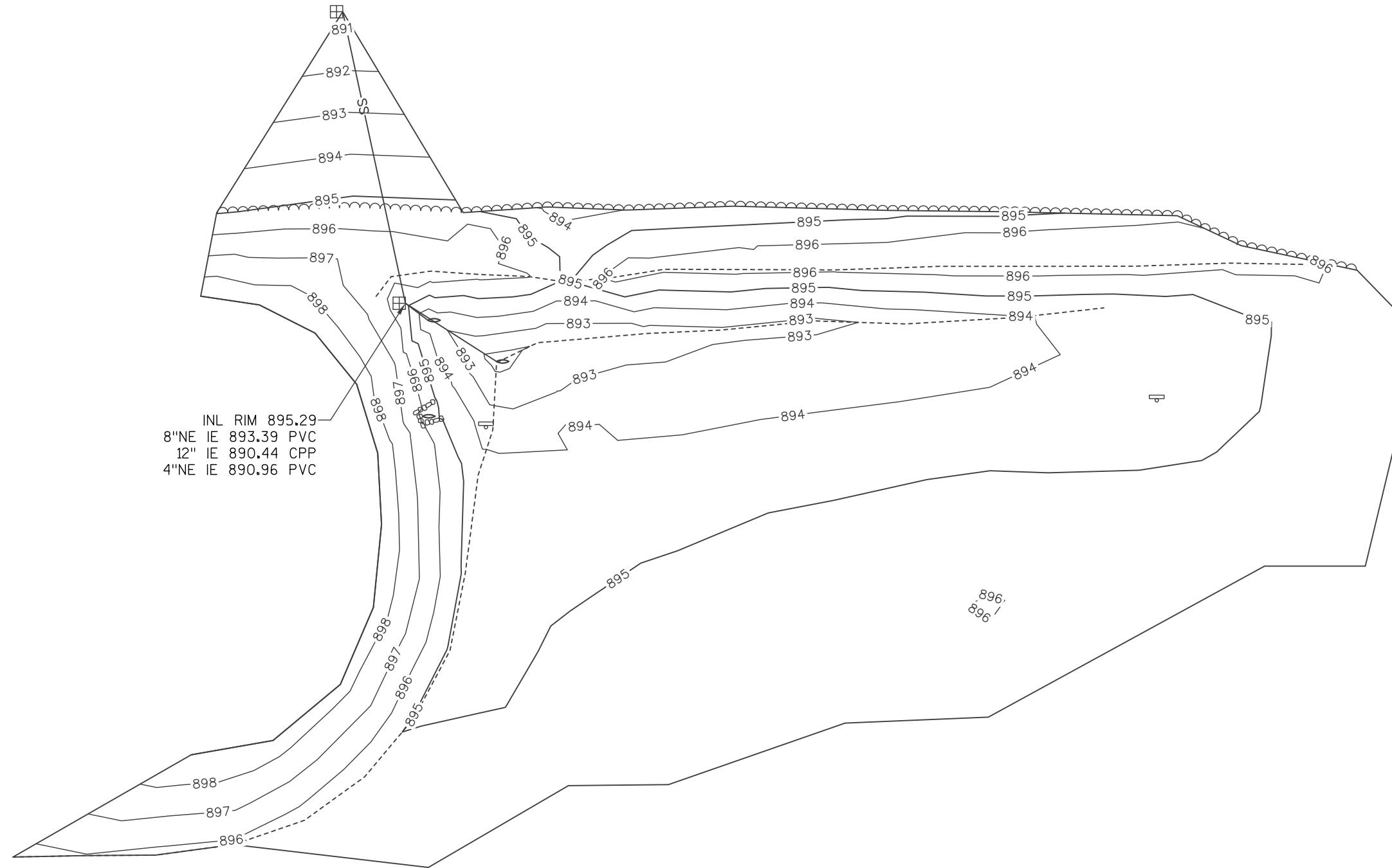
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10-3-2012

MARCY ELEMENTARY SCHOOL POND RECERTIFICATION

PLOT DATE: 12/5/2017

S:_SITED\SGN\SWMP RECERTIFICATIONS\180024 MARCY ELEMENTARY POND RECERTIFICATION\SURVEY\DWG\180024_POND_RECERT_EXHIBIT.DWG



Original Plan Sheet

