



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 19 Name of Business/Subdivision Marcy Elementary School
 Property Tax ID Number _____ Address of Property W180 N4851 Marcy Road
 Date _____ Menomonee Falls, WI 53051

Dry Pond	X
Wet Pond	
Other	

Location of Pond SE Corner of Property

Pond ID: SWP

Year Pond Constructed 2005 Year of Last Certification 2010

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
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)					Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser (If Applicable)					Riser Material
Opening Diameter (inches)					
Elevation					
Upper Discharge Control (If Applicable)					
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
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		Not Applicable	Equipment Used
			Yes	No		
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 $V=H/3(A1+A2+(A1 \times A2)^{1/2})$

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

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

<p>Sketch Outlet or Attach to Document</p> <p>**Please see attached as-built</p>	<p>Place Photograph of Pond or Attach to Document</p>
	<p>Place Photograph of Pond or Attach to Document</p>

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

Inspection Firm: Kapur & Associates Inspector Name : Jeremy Schwartz, P.E.
 Phone Number: 414-751-7212 Inspection Date: December 7, 2017
 Address: 7711 N Port Washington Road
 Milwaukee, WI 53217

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

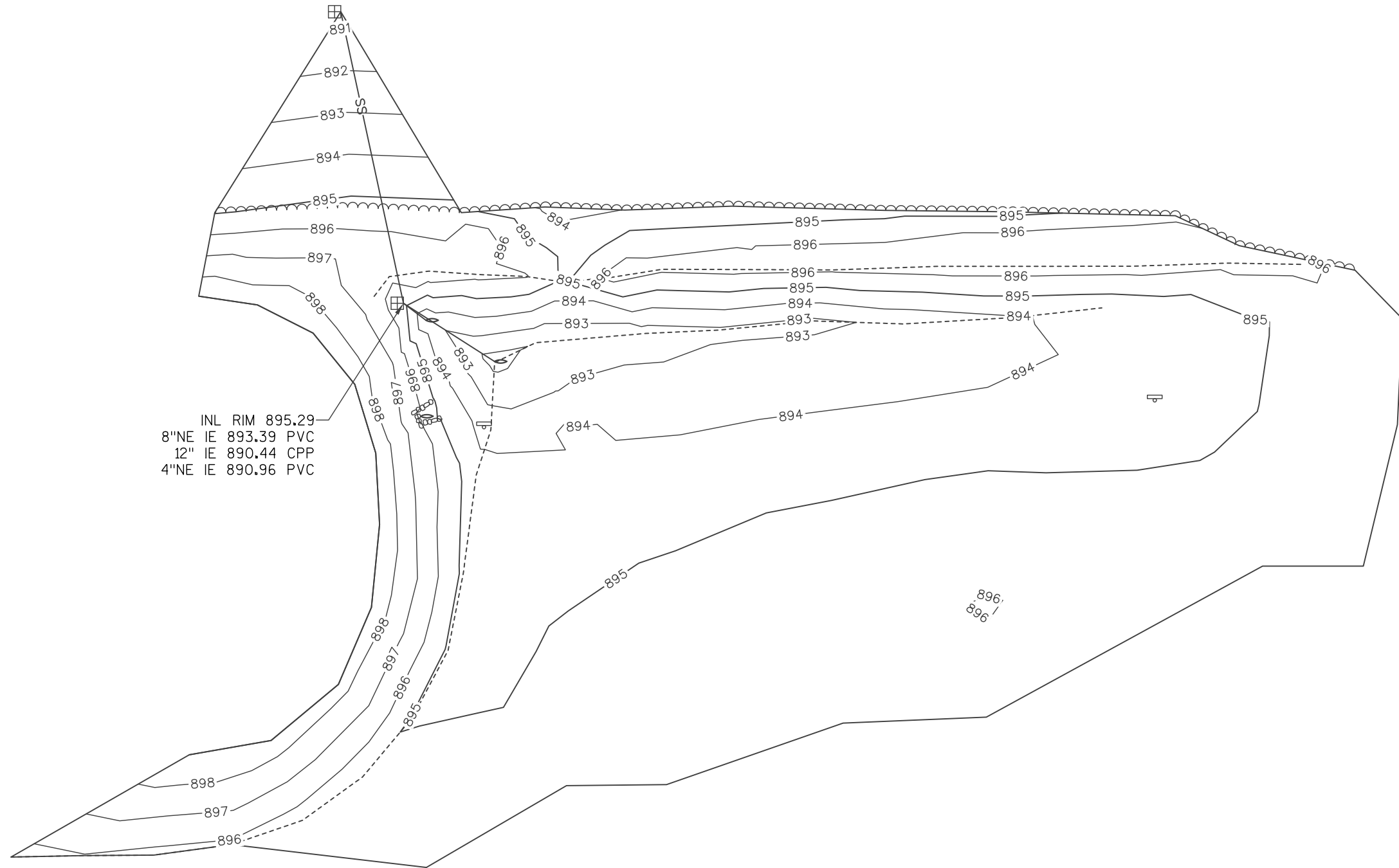


<p>Date:</p> <p><u>12-7-17</u></p>	<p>Signature:</p> <p><u>[Handwritten Signature]</u></p>
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Affix Seal Here

10-3-2012

MARCY ELEMENTARY SCHOOL POND RECERTIFICATION

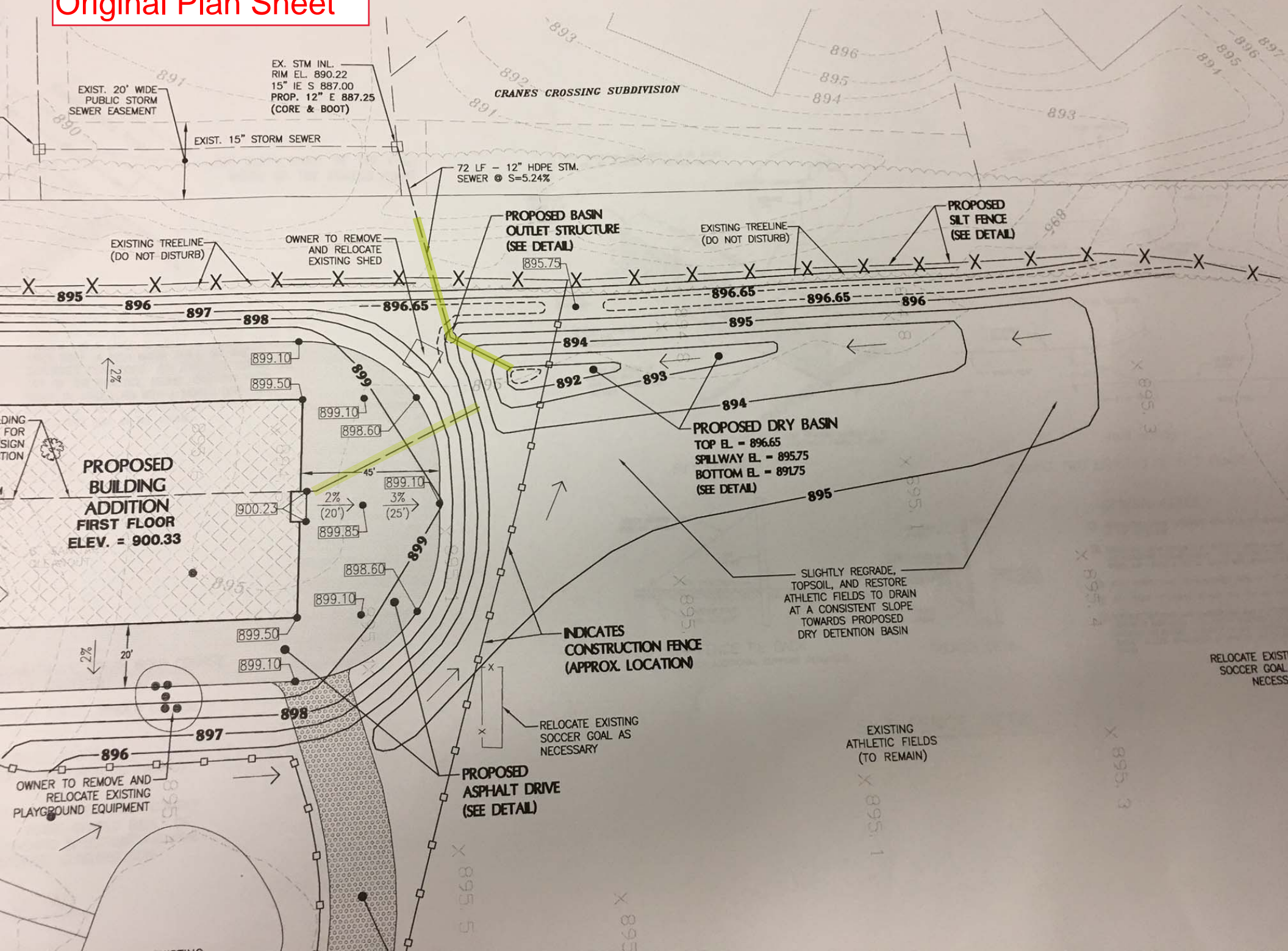


PLOT DATE: 12/5/2017

S:_SITEDSON\SHMP RECERTIFICATIONS\180024 MARCY ELEMENTARY POND RECERTIFICATION\SURVEY\DWG\180024_POND_RECERT_EXHIBIT.DWG



Original Plan Sheet



EX. STM INL.
RIM EL. 890.22
15" IE S 887.00
PROP. 12" E 887.25
(CORE & BOOT)

CRANES' CROSSING SUBDIVISION

EXIST. 20' WIDE
PUBLIC STORM
SEWER EASEMENT

EXIST. 15" STORM SEWER

72 LF - 12" HDPE STM.
SEWER @ S=5.24%

PROPOSED BASIN
OUTLET STRUCTURE
(SEE DETAIL)

EXISTING TREELINE
(DO NOT DISTURB)

PROPOSED
SILT FENCE
(SEE DETAIL)

EXISTING TREELINE
(DO NOT DISTURB)

OWNER TO REMOVE
AND RELOCATE
EXISTING SHED

PROPOSED
BUILDING
ADDITION
FIRST FLOOR
ELEV. = 900.33

PROPOSED DRY BASIN
TOP EL. = 896.65
SPILLWAY EL. = 895.75
BOTTOM EL. = 891.75
(SEE DETAIL)

INDICATES
CONSTRUCTION FENCE
(APPROX. LOCATION)

SLIGHTLY REGRADE,
TOPSOIL, AND RESTORE
ATHLETIC FIELDS TO DRAIN
AT A CONSISTENT SLOPE
TOWARDS PROPOSED
DRY DETENTION BASIN

RELOCATE EXIST
SOCCER GOAL
NECESS

RELOCATE EXISTING
SOCCER GOAL AS
NECESSARY

PROPOSED
ASPHALT DRIVE
(SEE DETAIL)

EXISTING
ATHLETIC FIELDS
(TO REMAIN)

OWNER TO REMOVE AND
RELOCATE EXISTING
PLAYGROUND EQUIPMENT