

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section	23 SW	Name of Business/Subdivision	LITTLE LEAGUE FIELDS
Property Tax ID Number	0091999	Address of Property	N64W15020 MILL RD
			MENOMONEE FALLS, WI 53051

Dry Pond	X	Location Of Pond	LARGER PROPERTY N OF MILLRD
Wet Pond			N OF PAPOOSE DR
Other			SE OF 2 CENTRAL BALL DIAMONDS

Description: SWP23S003

Year Pond Constructed 2006 Year of Last Certification 2011

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	15"	15"	X	-	RCP, GOOD CONDITION
Upstream Invert (ST014022)	812.40	?	-	-	COULD NOT LOCATE CULVERT PIPE IN POND
Downstream Invert (ST014023)	812.00	813.40	-	-	GPS ACCURACY IN QUESTION, TREE CANOPY PRESENT
Length (feet)	80.0	?	-	-	COULD NOT LOCATE CULVERT PIPE IN POND
Slope (%)	0.50	?	-	-	COULD NOT LOCATE CULVERT PIPE IN POND
Secondary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)			-	-	
Upstream Invert			-	-	
Downstream Invert			-	-	
Length (feet)			-	-	
Slope (%)			-	-	
Riser	N/A				Riser Material
Opening Diameter (inches)			-	-	
Elevation			-	-	
Upper Discharge Control	N/A				
Opening Diameter (inches)			-	-	
Elevation			-	-	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control						
Opening Diameter (inches)			-	-		
Elevation			-	-		
Other (Description)	N/A					
Opening Type and Size (inches)			-	-		
Elevation			-	-		
Emergency Spillway						
Elevation	816.00	816.10	X	-		
Length of spillway (feet)	14.0	26.0	-	X	SE CORNER OF POND, E OF ST021154	
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	X	-	WOODY VEGETATION NEEDS TO BE CLEARED FROM BASIN			
Animal burrows or slope erosion or hole	-	X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	-					
Outfall 2	-					
Outfall 3	-					
Outfall 4	-					
Outfall 5	-					
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)			-	-	X	GPS EQUIPMENT: GEOMAX ZENITH35 & CARLSON SURVEYOR2 WITH SURV CE v5.04 NAD_83 MONUMENTATION USED.
Design High Water Elevation	816.00	816.10	X	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)			-	-	X	
Area at Design High Water Elevation (Ac)	?	0.365 AC	-	-		
Active Storage Available (Ac-Ft)*	0.68 ACFT	0.694 ACFT	X	-		
Lowest Elevation at Top of Embankment (If Applicable)	816.00	815.84	X	-		
Average Elevation at Top of Embankment (If Applicable)	816.00	816.30	X	-		
Maximum Bottom Elevation	813.00	813.98	X	-		
Average Pond Bottom Elevation	814.00	814.50	X	-		
Pond Bottom Area (Ac)	?	0.012 AC	-	-		
Maximum Pond Depth	3.00 FT	2.32 FT	-	-		
Average Pond Depth	3.00 FT	2.02 FT	-	-		
Average Permanent Pool Depth (Wet Ponds)			-	-	X	

*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

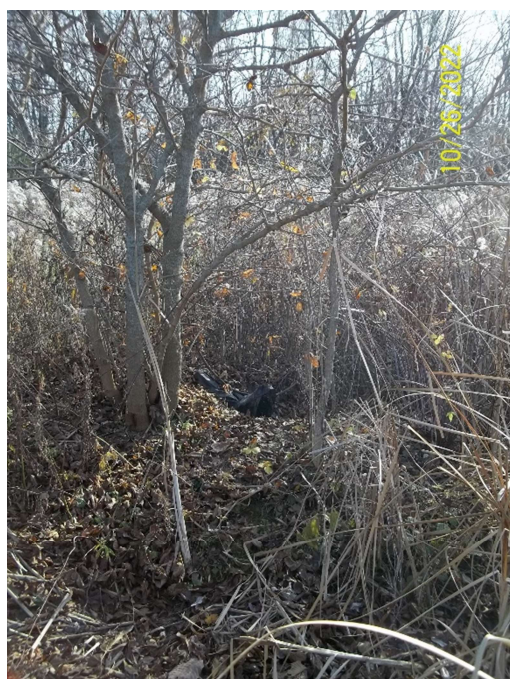
Dry Ponds Use H = Height of Section, $A1$ = pond bottom area, $A2$ = area at top section

Little League Fields – SWP23S003

Overview



Storm Sewer Overflow/Inlet ST021154 & Spillway ST021156



Outlet ST021155



Little League Fields – SWP23S003

Repairs Needed (10/27/2022)

Remove ground covering pond overflow structure ST021154.

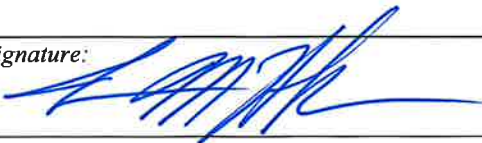
Remove silt fence possibly pulled through storm pipe ST021154-ST021155.

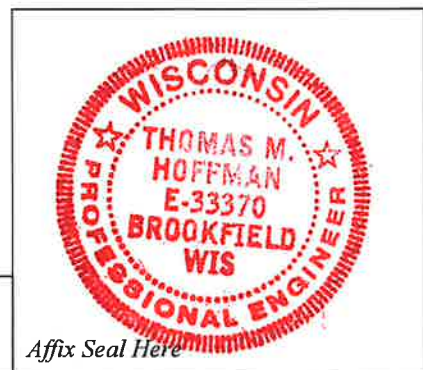
Clear brush from pond and embankments.

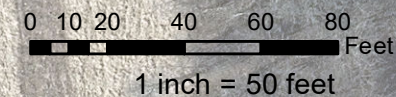
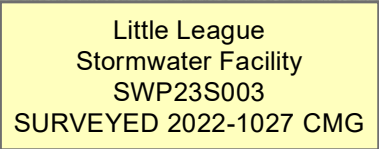
<i>Sketch Outlet</i>	<i>Place Photograph of Pond</i>
	<i>Place Photograph of Pond</i>

Inspection Firm:	VILLAGE OF MENOMONEE FALLS	Inspector Name:	CHRISTOPHER M GARIEPY
Phone Number:	262-532-4411	Inspection Date:	OCTOBER 27, 2022
Address:	W156N8480 PILGRIM RD MENOMONEE FALLS, WI 53051		

Certifying
 Professional Name: THOMAS M. HOFFMAN, P.E.
 Phone Number: 262-532-4415

Date: <u>2/9/2023</u>	Signature: 
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$$H = H_1 - H_2 = 816.00 - 814.00 = 2.1 \text{ FT}$$

$$A_1 = 15919.8 \text{ SF} = 0.365 \text{ AC}$$

$$A_2 = 521.3 \text{ SF} = 0.012 \text{ AC}$$

SLP235003 Little League Fields

20722

SLP235003

$$V = \left(\frac{H}{3} \right) (A_1 + A_2 + \sqrt{A_1 A_2})$$

$$V = \left(\frac{2.1 \text{ FT}}{3} \right) (0.365 \text{ AC} + 0.012 \text{ AC} + \sqrt{0.365 \text{ AC} \cdot 0.012 \text{ AC}})$$

$$V = (0.7 \text{ FT}) (0.377 \text{ AC} + \sqrt{0.377 \text{ AC}})$$

$$V = (0.7 \text{ FT}) (0.377 \text{ AC} + 0.614 \text{ AC})$$

$$V = (0.7 \text{ FT}) (0.991 \text{ AC})$$

$$V = 0.694 \text{ AC-FT} \quad \checkmark \text{ CAC} \quad 11/21/22$$

SCALE: 1"=40'

SITE DATA

<u>SITE AREA</u>	
PERVIOUS	= 27.70 ACRES
IMPERVIOUS	= 4.73 ACRES
TOTAL	= 32.43 ACRES
<u>BUILDINGS (3)</u>	
70' x 70'	= 4900 SF
50' x 50'	= 2500 SF
20' x 30'	= 600 SF
TOTAL	= 8000 SF
<u>PARKING</u>	
STANDARD PARKING	= 267 SPACES
HANDICAP	= 10 SPACES
TOTAL	= 277 SPACES

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		FENCE
		SILT FENCE
		EROSION BALES
		WETLAND LIMITS
		TREE LINE
		FOREST LINE
		PROPERTY LINE
		STORM SEWER
		SANITARY SEWER
		WATER
		NATURAL GAS
		TELEPHONE
		ELECTRIC
		TELEPHONE PEDESTAL
		VALVE
		MANHOLE
		INLET
		FIRE HYDRANT
		SPOT ELEVATION
		LIGHT POLE
		CONTOURS
		ASPHALTIC CONCRETE PAVEMENT (SEE NOTE 10.)
		CONCRETE PAVEMENT
		CONCRETE CURB & GUTTER

NOTES:

1. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT AND ARE TYPICAL UNLESS OTHERWISE NOTED.
2. EXISTING TOPOGRAPHY OBTAINED FROM FIELD SURVEY.
3. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE SITE PLAN HAVE BEEN OBTAINED BY FIELD SURVEY AND/OR FROM PLANS PROVIDED BY THE VILLAGE OF MEMMONEE FALLS, AND ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITIES NOT SHOWN.
4. SPOT ELEVATIONS SHOWN ARE TOP OF FINISHED PAVEMENTS.
5. ELEVATIONS SHOWN ARE U.S.G.S. DATUM.
6. SANITARY SEWERS SHALL BE PVC PIPE, ASTM D3034 OF SIZE INDICATED ON PLANS.
7. STORM SEWERS SHALL BE ASTM C78 CLASS IV REINFORCED CONCRETE PIPE, OF SIZE INDICATED ON PLANS.
8. ALL STORM AND SANITARY PIPING, MANHOLES AND INLETS, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN.
9. BURIED WATER PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE WISCONSIN ADMINISTRATIVE CODE AND STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN.
10. ALL PAVED AREAS TO RECEIVE 6" CRUSHED AGGREGATE BASE COURSE (GRADATION NO.2), 1 1/2" ASPHALTIC CONCRETE BINDER COURSE (TYPE MV), AND 1" ASPHALTIC CONCRETE SURFACE COURSE (TYPE MV). ALL PAVING SHALL BE OBSERVED IN ACCORDANCE WITH THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
11. CONTRACTOR SHALL EMPLOY THE EROSION CONTROL PLAN AS SHOWN ON THE PLAN, WHICH IS IN CONFORMANCE WITH THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK. NO GRADING WORK WILL BEGIN UNTIL ALL EROSION CONTROL DEVICES ARE IN PLACE AND APPROVED BY MEMMONEE FALLS VILLAGE ENGINEER. ALL TOPSOIL STOCKPILES SHALL BE STABILIZED WITH TEMPORARY SEEDING AND BOUNDED BY SILT FENCE. PERMANENT SEEDING AND MULCHING WILL TAKE PLACE IMMEDIATELY FOLLOWING FINAL GRADING OPERATIONS.
12. OUTLET PIPES FOR ALL DETENTION PONDS MUST BE INSTALLED AT THE TIME THE PONDS ARE CONSTRUCTED
13. SITE ELEVATION CAN BE UNIFORMLY ADJUSTED TO BALANCE CUTS AND FILLS. ROUGH GRADE ALL BASEBALL FIELDS ONE FOOT (1') BELOW ELEVATIONS SHOWN TO ALLOW FOR UNDERDRAIN SYSTEM OF PEA GRAVEL WITH 4" DRAIN PIPE AND SOCK, AND 8" MIXTURE OF TOPSOIL AND SAND. ROUGH GRADE ALL PROPOSED GRASS AREAS OUTSIDE OF BASEBALL FIELDS 4" BELOW ELEVATIONS SHOWN TO ALLOW FOR 4" TOPSOIL PLACEMENT.

DESIGNED BY MCS	VERIFY SCALES LENGTH OF BAR IS 1" ON ORIGINAL DRAWING IF BAR IS NOT 1" ON THIS DRAWING, ADJUST SCALE(S) ACCORDINGLY	1	9-8-95	PER VILLAGE REVIEW COMMENTS
DRAWN BY MCS		2	10-16-95	PER DNR REVIEW COMMENTS
CHECKED BY RCJ				
APPROVED BY				
		NO.	DATE	REVISION

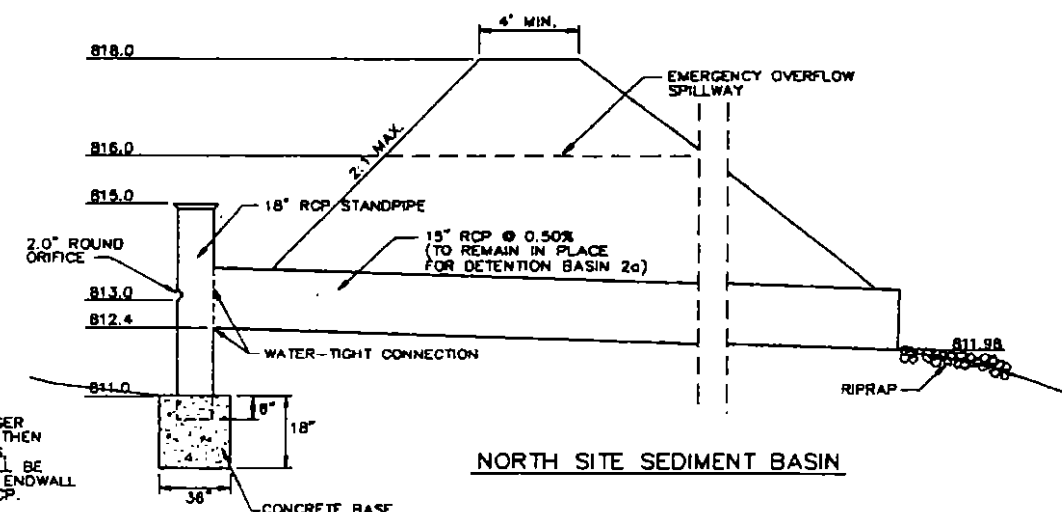
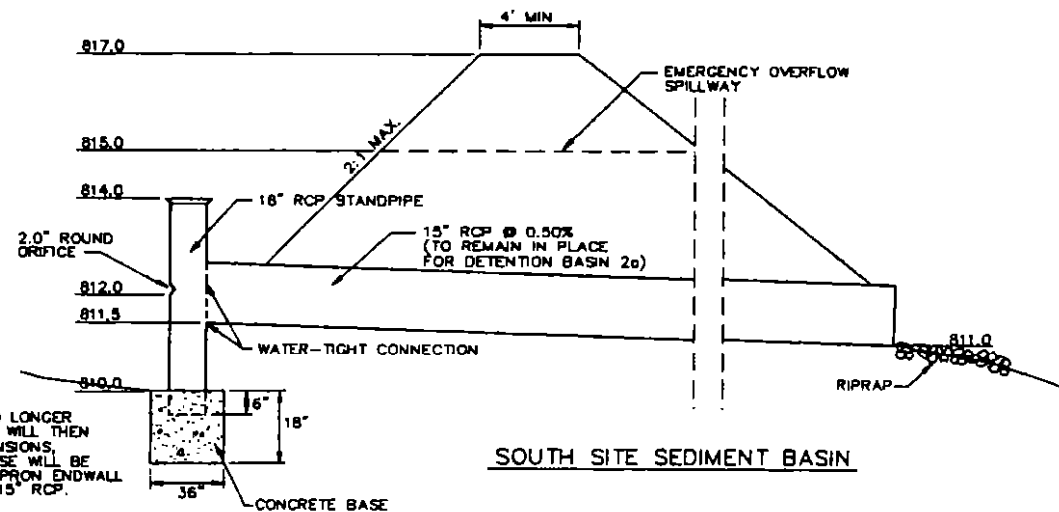
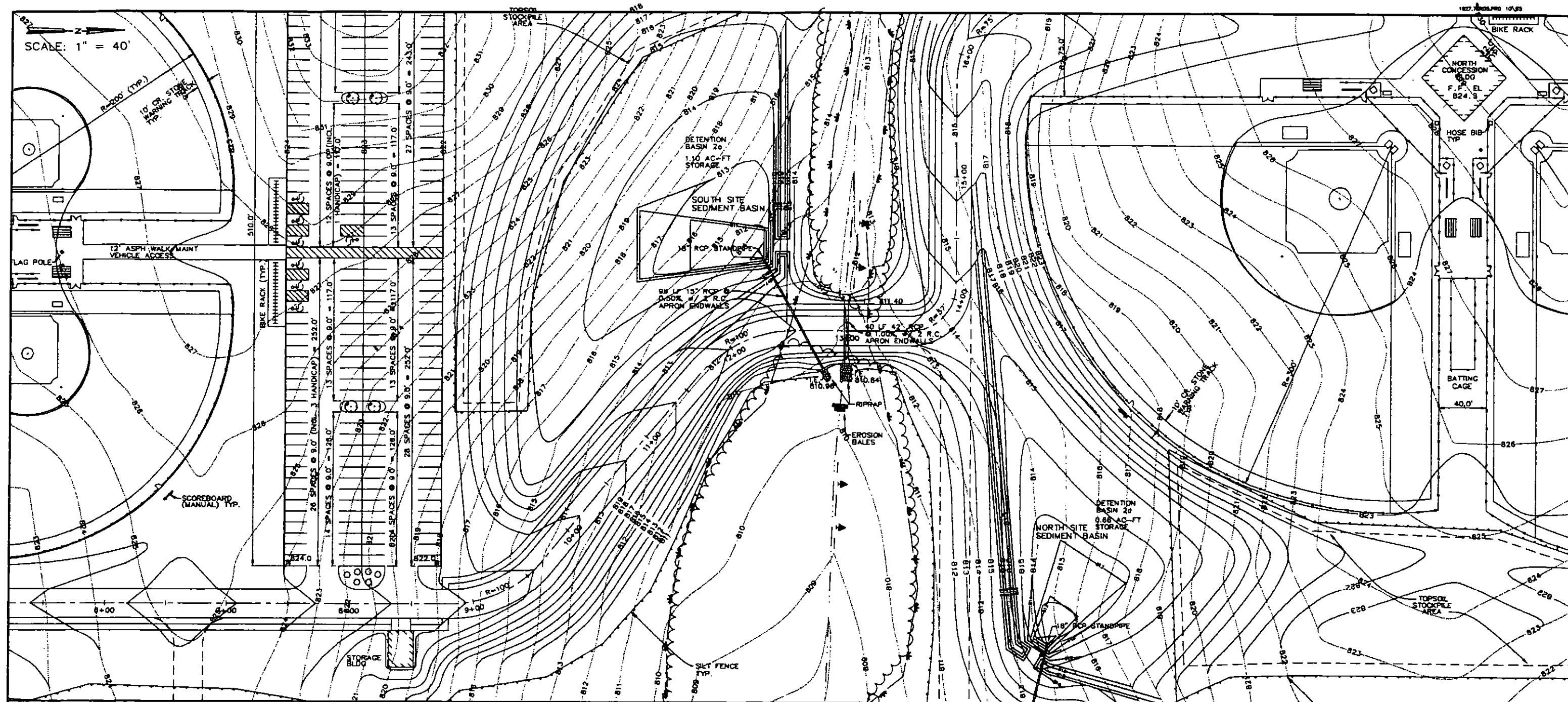
	MCS	
	MCS	
BY	APRO	



MENOMONEE FALLS
LITTLE LEAGUE
MENOMONEE FALLS, WISCONSIN

**NORTH SITE, GRADING, PAVING
& EROSION CONTROL PLAN**

PROJECT NO. 1927	DATE 6-23-95
DRAWING NO. C2	



SCALE: 1"=40'

NO	PLANT
1.	TECHNEY ARBOVITAE
2.	CHANTICLEER PEAR
3.	REDMOND LINDEN
4.	CHAMPLAIN ROSE
5.	CHAMPLAIN ROSE
6.	BURNING ROSE
7.	BURNING ARBOVITAE
8.	BURROCK
9.	EUROPEAN LARCH
10.	LUNAR NORWAYMAPLE
11.	REDOAK
12.	DONALDWMAN CRABAPPLE
13.	JAPANESE TREE LILAC
14.	IVORY MAPLE
15.	DOUGLASS FIR
16.	BLUE SPRUCE
17.	NORWAY SPRUCE
18.	MULCH

ALL DECIDUOUS TREES MUST BE TWO INCH CALIPER AT PLANTING. EVERGREENS 5-8 FEET IN HEIGHT AT PLANTING. ALL TREES MUST BE EITHER 2 1/2 GALLON OR 2 FEET IN HEIGHT AT PLANTING.

EXISTING	PROPOSED	DESCRIPTION
		FENCE
		SILT FENCE
		EROSION BALES
		WETLAND LIMITS
		TREE LINE
		FOREST LINE
		PROPERTY LINE
		STORM SEWER
		SANITARY SEWER
		WATER
		NATURAL GAS
		TELEPHONE
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		CONTOURS
		ASPHALTIC CONCRETE PAVEMENT (SEE NOTE 10.)
		CONCRETE PAVEMENT
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3. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE SITE PLAN HAVE BEEN OBTAINED FROM SURVEY AND/OR FROM PLANS PROVIDED BY THE VILLAGE OF MENOMONEE FALLS, AND ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITIES NOT SHOWN.
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11. ALL PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
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NO GRADING WORK WILL BEGIN UNTIL ALL EROSION CONTROL DEVICES ARE IN PLACE AND APPROVED BY MENOMONEE FALLS VILLAGE ENGINEER.
ALL TOPSOIL STOCKPILES SHALL BE STABILIZED WITH TEMPORARY SEEDING AND BOUNDED BY SILT FENCE.
PERMANENT SEEDING AND MULCHING WILL TAKE PLACE IMMEDIATELY FOLLOWING FINAL GRADING OPERATIONS.
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ROUGH GRADE ALL BASEBALL FIELDS ONE FOOT (1') BELOW ELEVATIONS SHOWN TO ALLOW FOR UNDERDRAIN SYSTEM.
ROUGH GRADE ALL SOFTBALL AND SOCCER FIELDS 4" OF PEA GRAVEL WITH 4" DRAIN PIPE.
ROUGH GRADE ALL PROPOSED GRASS AREAS OUTSIDE OF BASEBALL FIELDS 4" BELOW ELEVATIONS SHOWN TO ALLOW FOR 4" TOPSOIL PLACEMENT.

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CHECKED BY RCJ	IF BAR IS NOT 1" ON THIS DRAWING, ADJUST SCALE(S) ACCORDINGLY
APPROVED BY	

NO.	DATE	REVISION
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REVISION

BY

APVD



MENOMONEE FALLS
LITTLE LEAGUE
MENOMONEE FALLS, WISCONSIN

NORTH SITE
LANDSCAPING PLAN

PROJECT NO. 1927	DATE 9-18-95
DRAWING NO. L2	