



9-25-12

Village of Menomonee Falls *S. side of Bobolink*
 W156 N8480 Pilgrim Road
 Menomonee Falls, WI 53051-3140
 Telephone: (262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section _____ Name of Business/Subdivision SUPER EXCAVATORS INC.
 Property Tax ID Number _____ Address of Property N59 W14601 BOBOLINK AVE.
MNFV0101033 MENOMONEE FALLS WI
53051

Dry Pond	
Wet Pond	
Other	<u>X</u>

Description: SWP 265011 Location Of UNDERGROUND DETENTION
DETENTION SYSTEM SYSTEM
EAST END OF YARD

Year ~~Pond~~ Constructed 2001 Year of Last Certification FIRST TIME
EXPANDED 2005

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	10	10	X	10" PVC EXCELLENT COND.
Upstream Invert	776.86	776.86	X	CATCH BASINS EXCELLENT COND.
Downstream Invert	776.50	776.55	X	24" PIPE EXCELLENT COND.
Length (feet)	107'	83'	X	
Slope (%)	6.33696	.373	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 Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation						
Length of spillway (feet)						
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)						
Design High Water Elevation						
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)						
Active Storage Available (Ac-Ft)*						
Lowest Elevation at Top of Embankment (If Applicable)						
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation						
Average Pond Bottom Elevation						
Pond Bottom Area (Ac)						
Maximum Pond Depth						
Average Pond Depth						
Average Permanent Pool Depth (Wet Ponds)						

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

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

Sketch Outlet	Place Photograph of Pond
	Place Photograph of Pond

Inspection Firm: SUPER EXCAVATORS Inspector Name: PETER J. SCHRAUFNAGEL, P.E.
 Phone Number: 262-252-3200 Inspection Date: 9-19-12
 Address: 159 W 1430 | BASOLINE AVE.
MENOMONEE FALLS, WI 53051

Certifying
 Professional Name: PETER J. SCHRAUFNAGEL, P.E.
 Phone Number: 262-252-3200

Date: <u>9-19-12</u>	Signature: 
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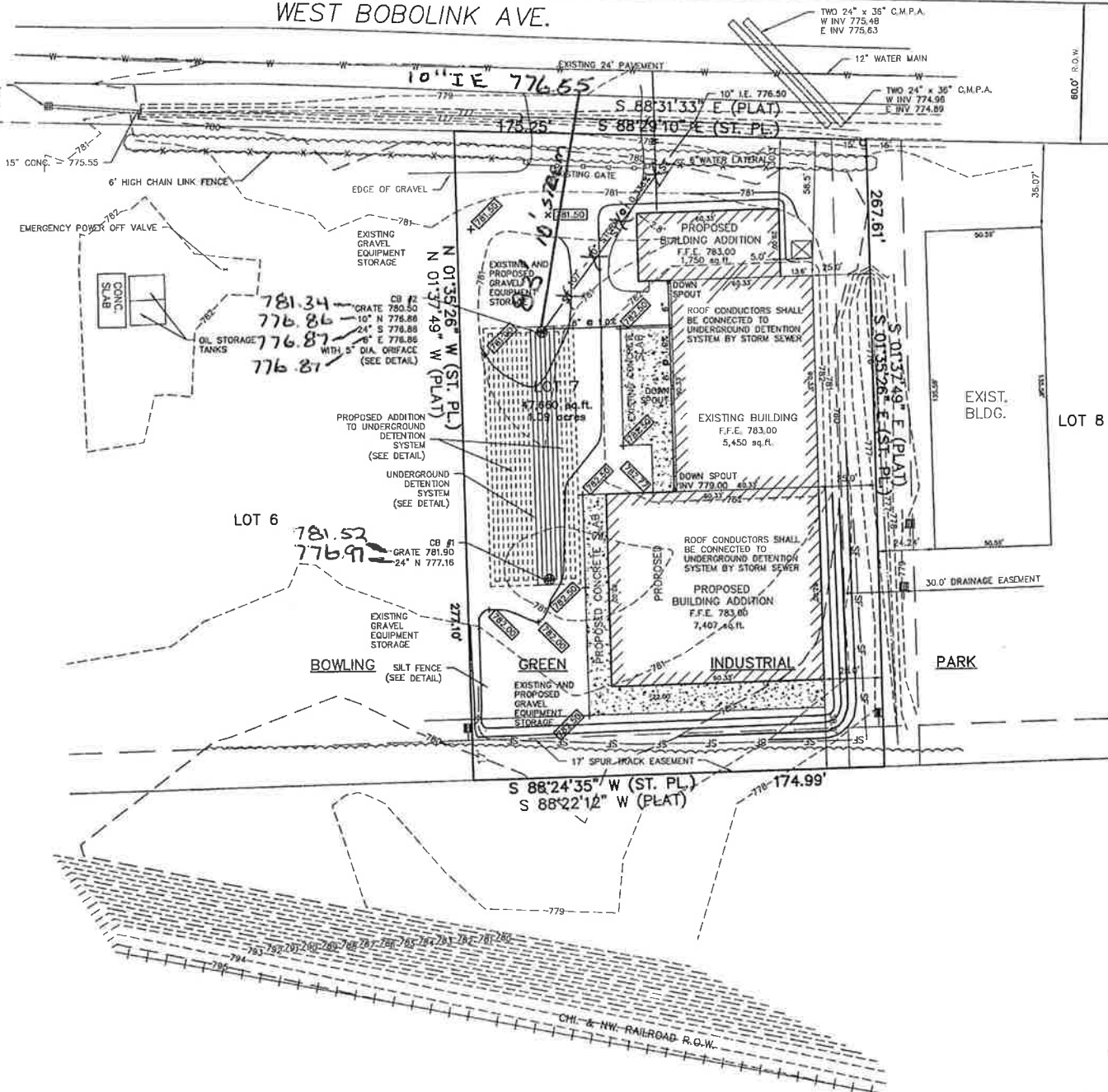


EXIST.
BLDG.
44.7'

EXIST.
BLDG.
40'

WEST BOBOLINK AVE.

EXIST. C.B.
GRATE 780.25
15" CONC. E 777.48



CONSTRUCTION OF A SILT FENCE

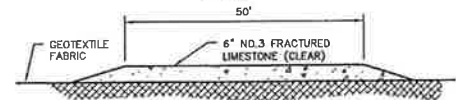
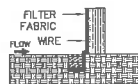
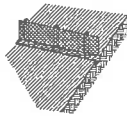
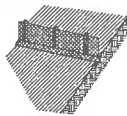
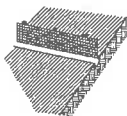
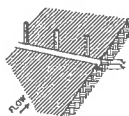
1.) SET POSTS AND EXCAVATE
A 4" X 4" TRENCH UPSLOPE
ALONG THE LINE OF POSTS.

2.) STAPLE WIRE FENCING TO
THE POSTS.

3.) ATTACH THE FILTER
FABRIC TO THE WIRE FENCE
AND EXTEND IT INTO THE
TRENCH.

4.) BACKFILL AND COMPACT
THE EXCAVATED SOIL.

EXTENSION OF FABRIC AND
WIRE INTO THE TRENCH



TRACKING PAD TO BE LOCATED AT ENTRANCE TO WORKSITE

NOTE: CONTRACTOR TO INSTALL TRACKING PAD PRIOR TO START
OF CONSTRUCTION, AND MAINTAIN UNTIL WORK IS COMPLETED.
CONTRACTOR TO CLEAN EXISTING STREET DAILY.

TRACKING PAD DETAIL
NOT TO SCALE

CB #1



CB #1



CB#2



LB#2



OUTLET



