



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 36 Name of Business/Subdivision DYNAMIC TOOL
 Property Tax ID Number 0143-999-012 Address of Property W133 N5180 CAMPBELL DR
LOT 2 BLK 2
CSM 5819

Dry Pond	<input checked="" type="checkbox"/>
Wet Pond	<input type="checkbox"/>
Other	<input type="checkbox"/>

Description: 365006 Location Of Pond SE CORNER OF LOT
POST CONSTRUCTION EAST OF REAR PARKING
AS-BUILT

Year Pond Constructed 2012 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					
Opening Diameter	3"	3"	✓		CORED OPENING ON E. FACE
Upstream Invert	758.38	758.38			
Downstream Invert	757.75	757.75			
Length	126LF				8" PVC
Slope	0.5%				
Secondary Outlet Pipe (If Applicable)					
Opening Diameter					/
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser (If Applicable)					
Opening Diameter	15"	15"	✓		RCP
Elevation	761.94	761.94			TOP OF RISER
Upper Discharge Control (If Applicable)					
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter						
Elevation						
Other (Description)						
Opening Type						
Elevation						
Emergency Spillway						
Elevation						
Length of spillway						
Embankment			Present			
			Yes	No		
Unauthorized plantings, trees, or woody vegetation				✓		
Animal burrows or slope erosion				✓		
Storage Properties	Design	Actual	Compliant		Points Surveyed	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)						
Design High Water Elevation	761.94	761.94	✓			
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	0.132		✓			760.79 (2-yr) 761.94 (100-yr)
Active Storage Available (Ac-Ft)*	0.050 0.148	0.050 0.174	✓			81 CY (2-yr) 238 CY (100-yr)
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)	0.052		✓			760.0
Maximum Pond Depth						1.94'
Average Pond Depth						

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

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

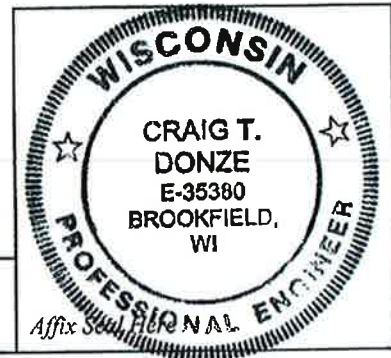
Sketch Outlet



Inspection Firm: ONE SOURCE CONSULTING
Phone Number: 414-462-9005
Address: 11805 W. HAMPTON AVE.
MILWAUKEE, WI 53225

Inspector Name: CRAIG DONZE
Inspection Date: 06/11/2012

Certifying
Professional Name: CRAIG DONZE, PE
Phone Number: 414-462-9005



Date: 6/11/2012

Signature: Craig Donze

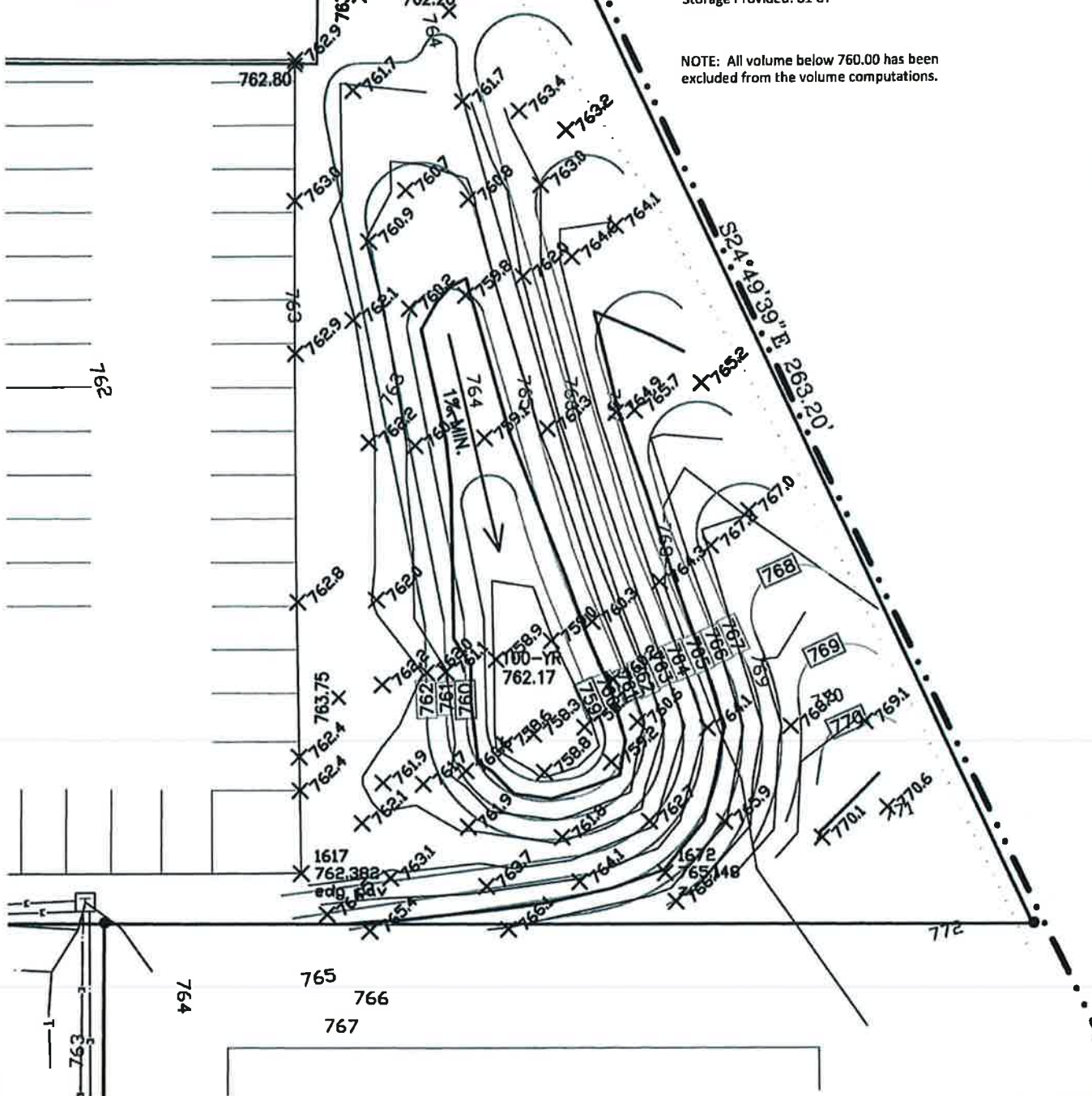
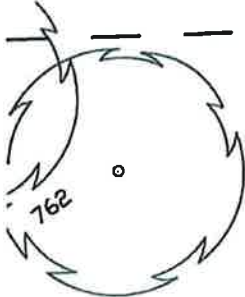
S88°33'34"W 203.

POND VOLUME SUMMARY

100-yr EL=761.94
 Storage Required: 6,429 CF (238 CY)
 Storage Provided: 281 CY

2-yr EL=760.79
 Storage Required: 2198 CF (81 CY)
 Storage Provided: 81 CY

NOTE: All volume below 760.00 has been excluded from the volume computations.



One Source Consulting
 Construction Material from a Sustainable Civil Engineer
 11805 W. HAMPTON AVE.
 MILWAUKEE, WI 53225
 (414) 482-9008
 (414) 482-9008 (F)
 www.onesourceconsult.com

PROJECT
DYNAMIC TOOL BUILDING ADDITION
 W133 N5180 CAMBELL DRIVE

SHEET TITLE
DRY POND AS-BUILT VOLUME

PROJECT NUMBER
 326-12
 Drawn by: CTD
 Approved: CTD
 DATE
 6/5/12

SHEET NUMBER
EX-1