

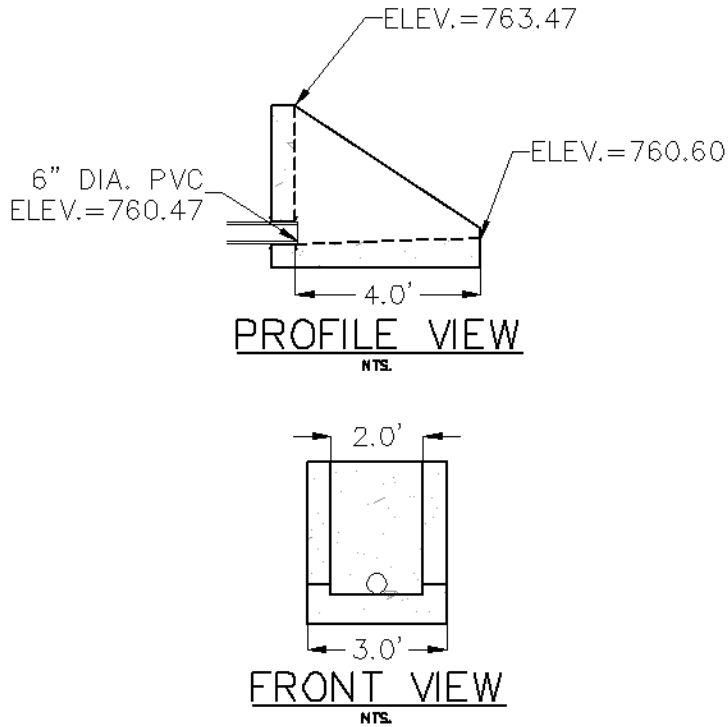
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	_____	_____				
Elevation	_____	_____				
Other (Description)						
Opening Type and Size (inches)	_____	_____				
Elevation	_____	_____				
Emergency Spillway						
Elevation	766.01	766.16				
Length of spillway (feet)	31.4	30.0				
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	RCP 24"		Southeast portion of pond			
Outfall 2	RCP 24"		North portion of pond			
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	_____	_____				HWL Calculated by HydroCAD Area at HWL Calculated by HydroCAD Trimble R6 GPS Lowest Bottom Elevation
Design High Water Elevation	766.12	766.27	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	_____	_____				
Area at Design High Water Elevation (Ac)	0.700	0.697	X			
Active Storage Available (Ac-Ft)*	2.350	2.561	X			
Lowest Elevation at Top of Embankment (If Applicable)	766.01	766.16	X			
Average Elevation at Top of Embankment (If Applicable)	766.64	767.36	X			
Maximum Bottom Elevation	761.00	761.00	X			
Average Pond Bottom Elevation	761.00	761.00	X			
Pond Bottom Area (Ac)	0.038	0.026	X			
Maximum Pond Depth	5.01'	6.36'	X			
Average Pond Depth	5.01'	6.36'	X			
Average Permanent Pool Depth (Wet Ponds)	_____	_____				

*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

Outlet Structure Seen Below



See Attached Photo Document

See Attached Photo Document

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

Inspection Firm: JSD Professional Services, Inc Inspector Name : Ryder Fischer
Phone Number: (262) 513-0666 Inspection Date: 5/29/2015
Address: N22 W22931 Nancys Ct.
Suite 3
Waukesha, WI 53186

Certifying
Professional Name: Rizal Iskandarsjach P.L.S., P.E.
Phone Number: (262) 513-0666



Date:
7/31/15

Signature:
Rizal Iskandarsjach



Figure 1: Overview of Pond Looking South



Figure 2: Overview of Pond Looking North



Figure 3: Overview of Outlet Structure



Figure 4: Top View of Outlet Structure



Figure 5: 24" RCP Outfall