



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 NE 1/4 Name of Business/Subdivision Keystone Riverview LLC Condos
Property Tax ID Number MNFV0049963021 Address of Property W127N7845 Riverview Lane
Menomonee Falls, WI 53051-7267

Dry Pond	
Wet Pond	☒
Other	

Location Of
Pond

South Side of Property

Description: SWP13N001

Year Pond Constructed 2016

Year of Last Certification 2016

Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	6" - 12"	6" - 12"	X		Reinforced Concrete (The first 1-foot of outlet pipe at the wet basin riser is 6" PVC, it then becomes 12" RCP. See detail 2/2)
Upstream Invert	745.00	745.16	X		
Downstream Invert	744.74	744.76	X		
Length (feet)	66'	63'	X		
Slope (%)	0.40%	0.63%	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	750.00	750.00				
Length of spillway (feet)	20	20				
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	Reinforced Concrete 12"		South of Wet Pond			
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used Laser Level Transit
Normal Water Elevation (Wet Ponds)	745.00	745.20	X			
Design High Water Elevation	750.00	750.00	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.14	0.15	X			
Area at Design High Water Elevation (Ac)	0.29	0.29	X			
Active Storage Available (Ac-Ft)*	1.81	1.77	X			
Lowest Elevation at Top of Embankment (If Applicable)	751.00	751.30	X			
Average Elevation at Top of Embankment (If Applicable)	751.00	751.30	X			
Maximum Bottom Elevation	740.00	740.00	X			
Average Pond Bottom Elevation	740.00	740.00	X			
Pond Bottom Area (Ac)	0.02	0.02	X			
Maximum Pond Depth	5	5.2 +/-	X			
Average Pond Depth	5	5.2 +/-	X			
Average Permanent Pool Depth (Wet Ponds)	5	5.2 +/-	X			

*To Determine Active Storage $V = \left(\left(\frac{H}{3} \right) \left(A_1 + A_2 + \left(\left(A_1 + A_2 \right)^{\frac{1}{2}} \right) \right) \right)$

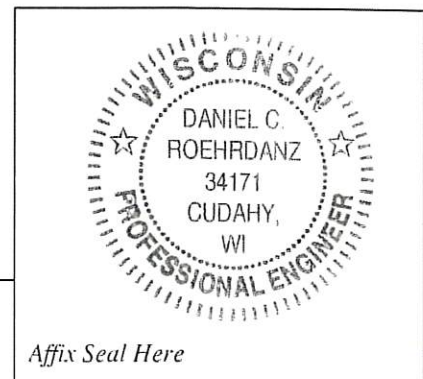
Wet Ponds Use H = Height of Section, A1 = area at normal water elevation, A2 = area at top section

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



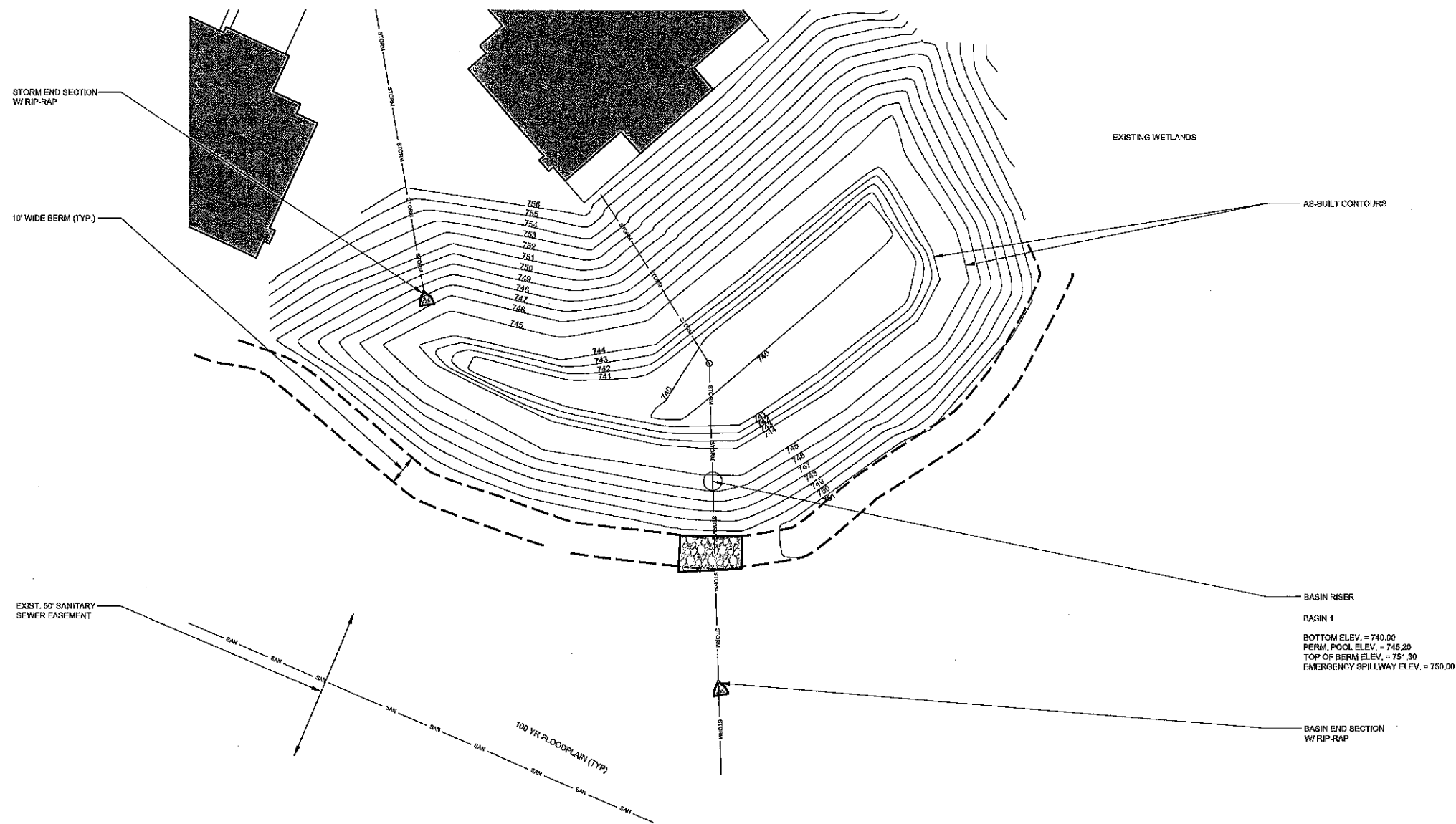
Inspection Firm: Inspec, Inc. Inspector Name : Dan Roehrdanz
 Phone Number: 414-744-6962 Inspection Date: 11/03/2021
 Address: 126 North Jefferson St. Suite 120
Milwaukee, WI 53202

Certifying Professional Name: Daniel C Roehrdanz
 Phone Number: 414-744-6962 office
414-397-8738 cell



Date: 11-03-2021 Signature: Daniel C Roehrdanz

Affix Seal Here



5 YEAR INSPECTION AND MAINTENANCE OF STORMWATER FACILITIES
1" = 20'-0"



Signature:

Issues and revisions:

ISSUE LEVEL / REVISION:	DATE:	No.:

Client:

PMI OF WISCONSIN

KEYSTONE RIVERVIEW
LLC CONDOMINIUMS

Project title:

5 YEAR INSPECTION AND MAINTENANCE
OF STORMWATER FACILITIES

W127N7845 RIVERVIEW LN
MENOMONEE FALLS, WI 53051

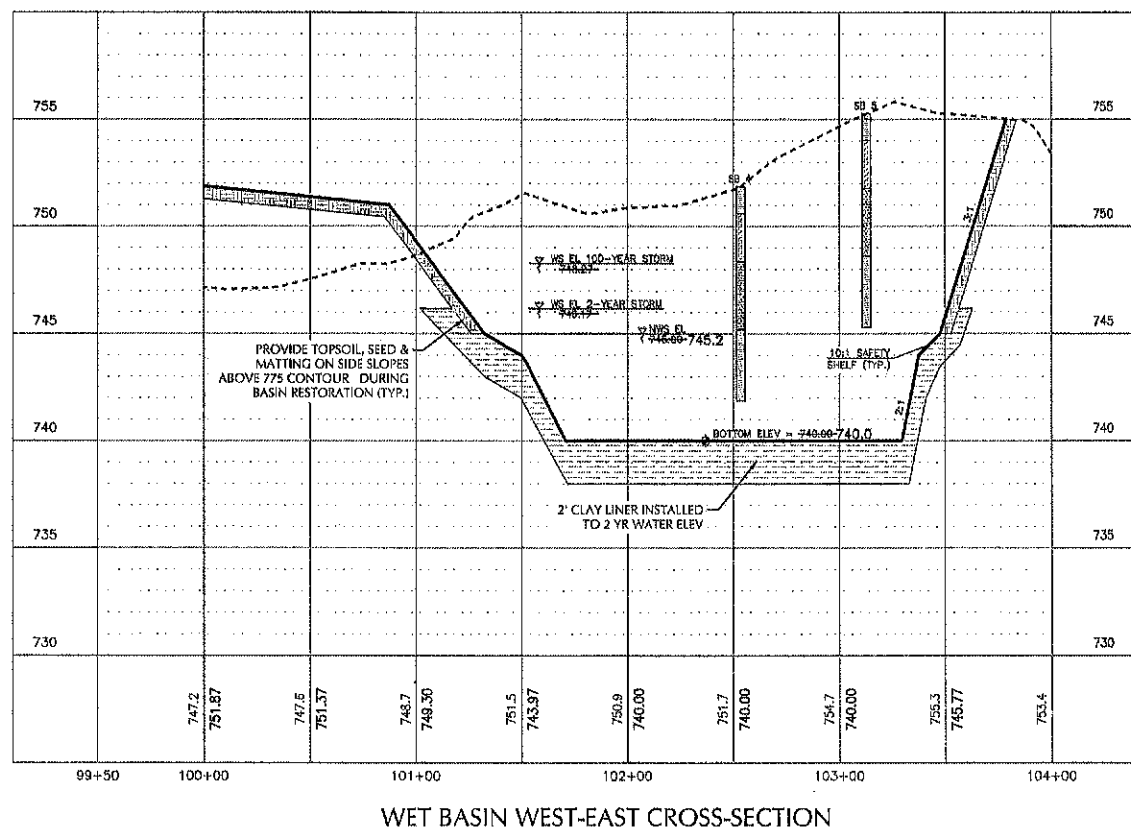
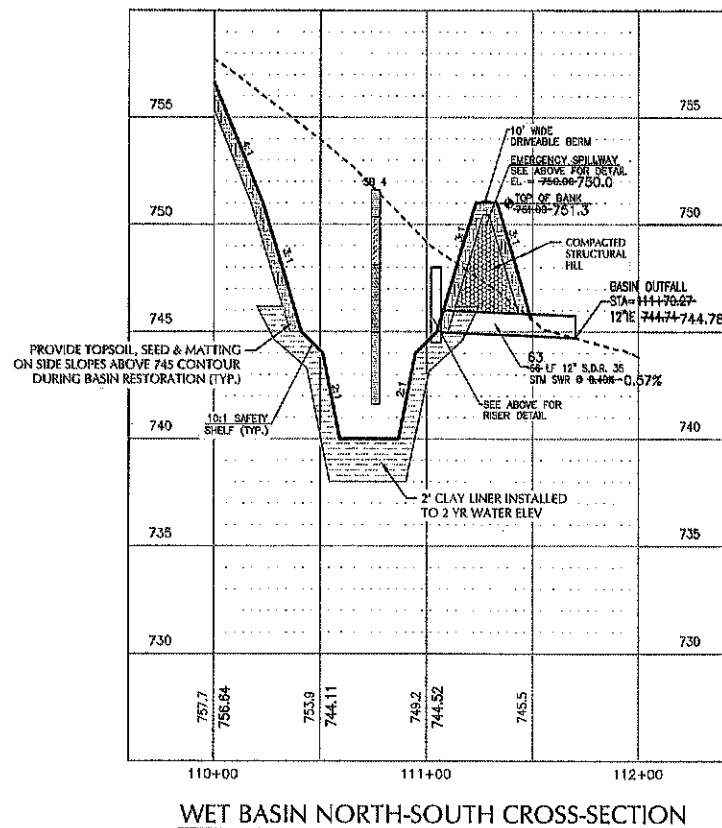
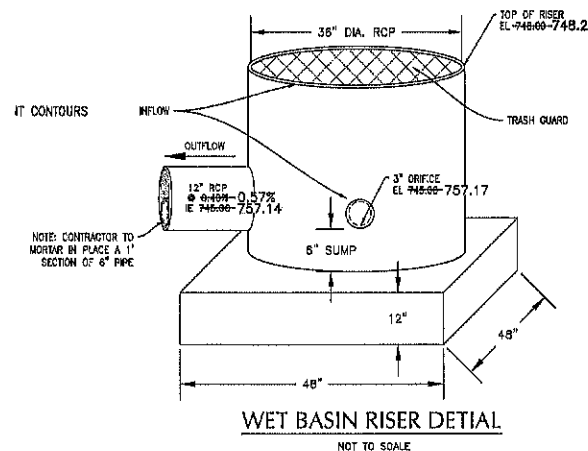
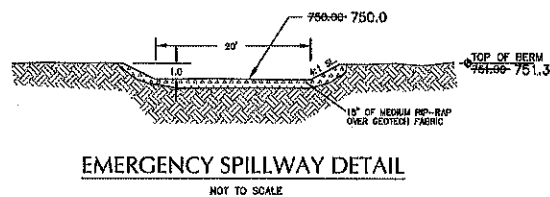
Sheet content:

TOPOGRAPHIC PLAN

DATE: 10/28/2021
CLIENT PROJECT No.:
INSPEC PROJECT No.: 301790
PROJECT MGR: AF
DRAWN BY: TR
CHECKED BY: AF

Sheet No.:

Consultants:



Signature:

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DETAILS

DATE: 10/29/2021
CLIENT PROJECT No.: -
INSPEC PROJECT No.: 301790
PROJECT MGR: AF
DRAWN BY: TR
CHECKED BY: AF

Sheet No.: