

## KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM (KPDES)

Notice of Intent (NOI) for coverage of Storm Water Discharge  
Associated with Construction Activities Under the KPDES Storm  
Water General Permit KYR100000

Click here for Instructions  
(Controls/KPDES\_FormKYR10\_Instructions.htm)

Click here to obtain information and a copy of the KPDES General Permit.  
(<http://dep.ky.gov/formslibrary/Documents/KYR10PermitPage.pdf>)

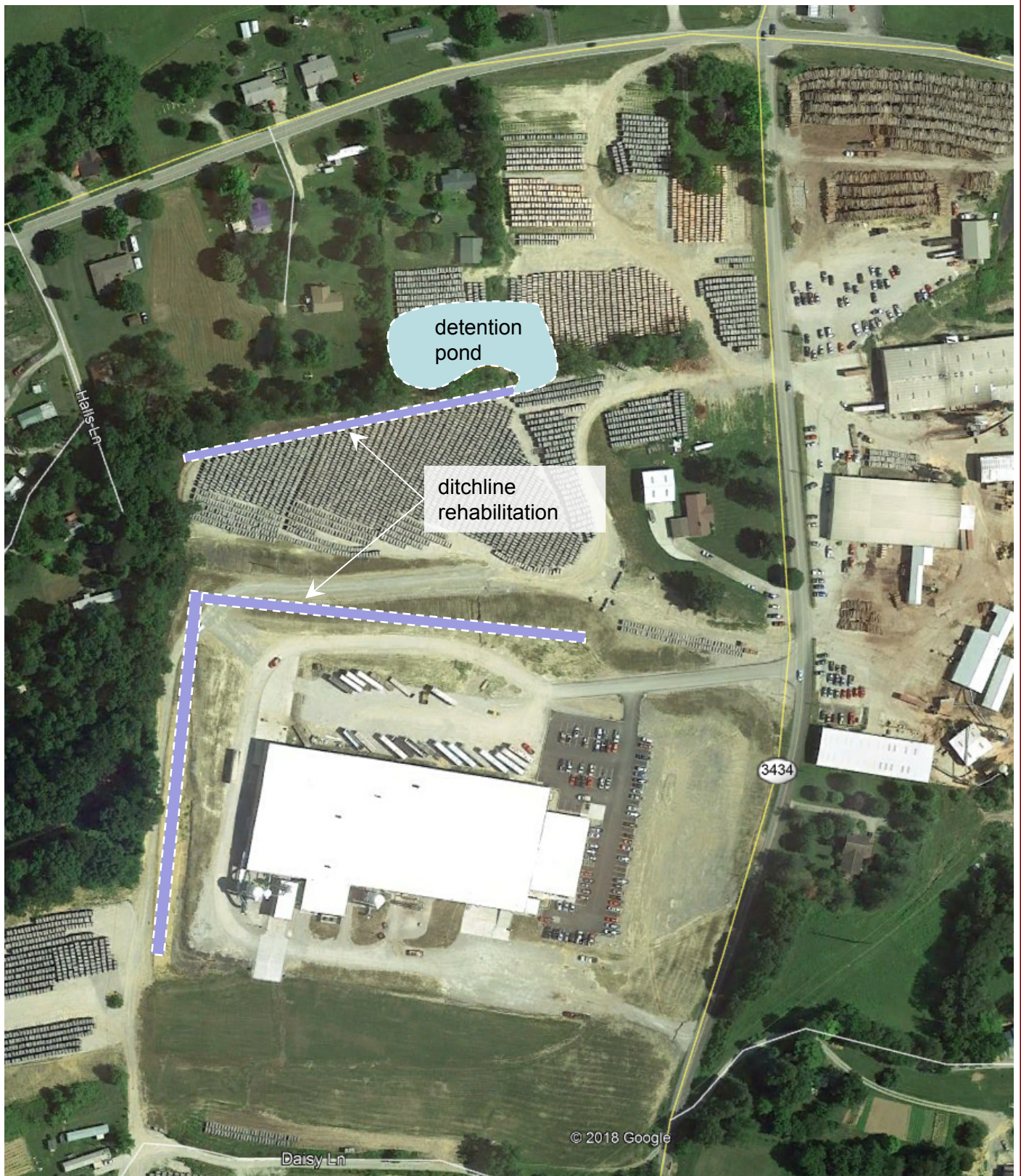
(\*) indicates a required field; (✓) indicates a field may be required based on user input or is an optionally required field

Reason for Submittal: (*) Change to Existing Coverage ▼	Agency Interest ID: 2591	Permit Number: (✓) KYR003792
If change to existing permit coverage is requested, describe the changes for which modification of coverage is being sought: (✓) new stormwater detention pond to be constructed		
<b>ELIGIBILITY:</b> Stormwater discharges associated with construction activities disturbing individually one (1) acre or more, including, in the case of a common plan of development, contiguous construction activities that cumulatively equal one (1) acre or more of disturbance.		
<b>EXCLUSIONS:</b> The following are excluded from coverage under this general permit: 1) Are conducted at or on properties that have obtained an individual KPDES permit for the discharge of other wastewaters which requires the development and implementation of a Best Management Practices (BMP) plan; 2) Any operation that the DOW determines an individual permit would better address the discharges from that operation; 3) Any project that discharges to an Impaired Water listed in the most recent Integrated Report, §305(b) as impaired for sediment and for which an approved TMDL has been developed.		
<b>SECTION I -- FACILITY OPERATOR INFORMATION (PERMITTEE)</b>		
Company Name: (✓) Robinson Stave	First Name: (✓) William	M.I.: MI
Last Name: (✓) Larkey		
Mailing Address: (*) 1812 HWY 3434	City: (*) East Bernstadt	State: (*) Kentucky ▼
Zip: (*) 40729		
eMail Address: (*) william@robinsonstave.com	Business Phone: (*) 606-843-2740	Alternate Phone: 859-745-4225
<b>SECTION II -- GENERAL SITE LOCATION INFORMATION</b>		
Project Name: (*) New Cooperage Pond	Status of Owner/Operator (*) Corporation ▼	SIC Code (*) 1794 Excavation Work ▼
Company Name: (✓) Robinson Stave	First Name: (✓) William	M.I.: MI
Last Name: (✓) Larkey		
Site Physical Address: (*) 1812 HWY 3434		
City: (*) East Bernstadt	State: (*) Kentucky ▼	Zip: (*) 40729
County: (*) Laurel ▼	Latitude(decimal degrees)(*)DMS to DD Converter ( <a href="https://www.fcc.gov/media/radio/dms-decimal">https://www.fcc.gov/media/radio/dms-decimal</a> ) 37.188515	Longitude(decimal degrees)(*) -84.109892
<b>SECTION III -- SPECIFIC SITE ACTIVITY INFORMATION ?</b>		
Project Description: (*) stormwater control improvements: detention basin to be installed for flood control; approximately 2,000 feet of ditchline to be refurbished w rip rap		
a. For single projects provide the following information		

<b>Total Number of Acres in Project:(✓)</b> <div>2</div>	<b>Total Number of Acres Disturbed:(✓)</b> <div>2</div>																		
<b>Anticipated Start Date:(✓)</b> <div>11/18/2019</div>	<b>Anticipated Completion Date:(✓)</b> <div>3/31/2020</div>																		
<b>b. For common plans of development provide the following information</b>																			
<b>Total Number of Acres in Project:(✓)</b> <div># Acre(s)</div>	<b>Total Number of Acres Disturbed:(✓)</b> <div># Acre(s)</div>																		
<b>Number of individual lots in development, if applicable:(✓)</b> <div># lot(s)</div>	<b>Number of lots in development:(✓)</b> <div># lot(s)</div>																		
<b>Total acreage of lots intended to be developed:(✓)</b> <div>Project Acres</div>	<b>Number of acres intended to be disturbed at any one time:(✓)</b> <div>Disturbed Acres</div>																		
<b>Anticipated Start Date:(✓)</b> <div></div>	<b>Anticipated Completion Date:(✓)</b> <div></div>																		
<b>List Building Contractor(s) at the time of Application:(*)</b> <div><div>+ Company Name</div><div></div></div>																			
<b>SECTION IV -- IF THE PERMITTED SITE DISCHARGES TO A WATER BODY THE FOLLOWING INFORMATION IS REQUIRED ?</b>																			
<b>Discharge Point(s):</b> <table border="1" style="width:100%"><thead><tr><th></th><th>Unnamed Tributary?</th><th>Latitude</th><th>Longitude</th><th>Receiving Water Name</th><th>Delete</th></tr></thead><tbody><tr><td>1</td><td>Yes</td><td>37.189193</td><td>-84.110284</td><td>Gillis Branch</td><td></td></tr><tr><td colspan="6"><div>+ </div></td></tr></tbody></table>			Unnamed Tributary?	Latitude	Longitude	Receiving Water Name	Delete	1	Yes	37.189193	-84.110284	Gillis Branch		<div>+ </div>					
	Unnamed Tributary?	Latitude	Longitude	Receiving Water Name	Delete														
1	Yes	37.189193	-84.110284	Gillis Branch															
<div>+ </div>																			
<b>SECTION V -- IF THE PERMITTED SITE DISCHARGES TO A MS4 THE FOLLOWING INFORMATION IS REQUIRED ?</b>																			
<b>Name of MS4:</b> <div></div>																			
<b>Date of application/notification to the MS4 for construction site permit coverage:</b> <div>Date</div>	<b>Discharge Point(s):(*)</b> <table border="1" style="width:100%"><thead><tr><th></th><th>Latitude</th><th>Longitude</th><th></th><th></th></tr></thead><tbody><tr><td colspan="5"><div>+ </div></td></tr></tbody></table>		Latitude	Longitude			<div>+ </div>												
	Latitude	Longitude																	
<div>+ </div>																			
<b>SECTION VI -- WILL THE PROJECT REQUIRE CONSTRUCTION ACTIVITIES IN A WATER BODY OR THE RIPARIAN ZONE?</b>																			
<b>Will the project require construction activities in a water body or the riparian zone?: (*)</b>	<div>No</div>																		
<b>If Yes, describe scope of activity: (✓)</b>	<div>describe scope of activity</div>																		
<b>Is a Clean Water Act 404 permit required?:(*)</b>	<div>No</div>																		

Is a Clean Water Act 401 Water Quality Certification required?:(*)		No ▼					
SECTION VII -- NOI PREPARER INFORMATION							
First Name:(*) Paul	M.I.: MI	Last Name:(*) Rodgers	Company Name:(*) Cedar Creek Engineering				
Mailing Address:(*) 325 A Tierney Way	City:(*) Winchester	State:(*) Kentucky ▼	Zip:(*) 40391				
eMail Address:(*) paul.rodgers@cedarcreekengineering.com		Business Phone:(*) 859-745-4225	Alternate Phone: 859-227-7061				
SECTION VIII -- ATTACHMENTS							
Facility Location Map:(*)		<div>Upload file</div> <table><thead><tr><th>Files</th><th></th></tr></thead><tbody><tr><td> Figure 2 - Location Map.pdf (608KB)</td><td>Remove</td></tr></tbody></table>		Files		Figure 2 - Location Map.pdf (608KB)	Remove
Files							
Figure 2 - Location Map.pdf (608KB)	Remove						
Supplemental Information:		<div>Upload file</div> <table><thead><tr><th>Files</th><th></th></tr></thead><tbody><tr><td> New Cooperage Pond Specs - 15 NOV 2019.pdf (998KB)</td><td>Remove</td></tr></tbody></table>		Files		New Cooperage Pond Specs - 15 NOV 2019.pdf (998KB)	Remove
Files							
New Cooperage Pond Specs - 15 NOV 2019.pdf (998KB)	Remove						
SECTION IX -- CERTIFICATION							
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							
Signature:(*) PAUL RODGERS		Title:(*) PE					
First Name:(*) PAUL	M.I.: MI	Last Name:(*) RODGERS					
eMail Address:(*) paul.rodgers@cedarcreekengineering.com	Business Phone:(*) 859-745-4225	Alternate Phone: 859-227-7061	Signature Date:(*) 11/15/2019				
<div>Click to Save Values for Future Retrieval</div> <div>Click to Submit to EEC</div>							





Winchester, Kentucky

Robinson Stave  
1812 HWY 3434  
East Bernstadt, KY 40729

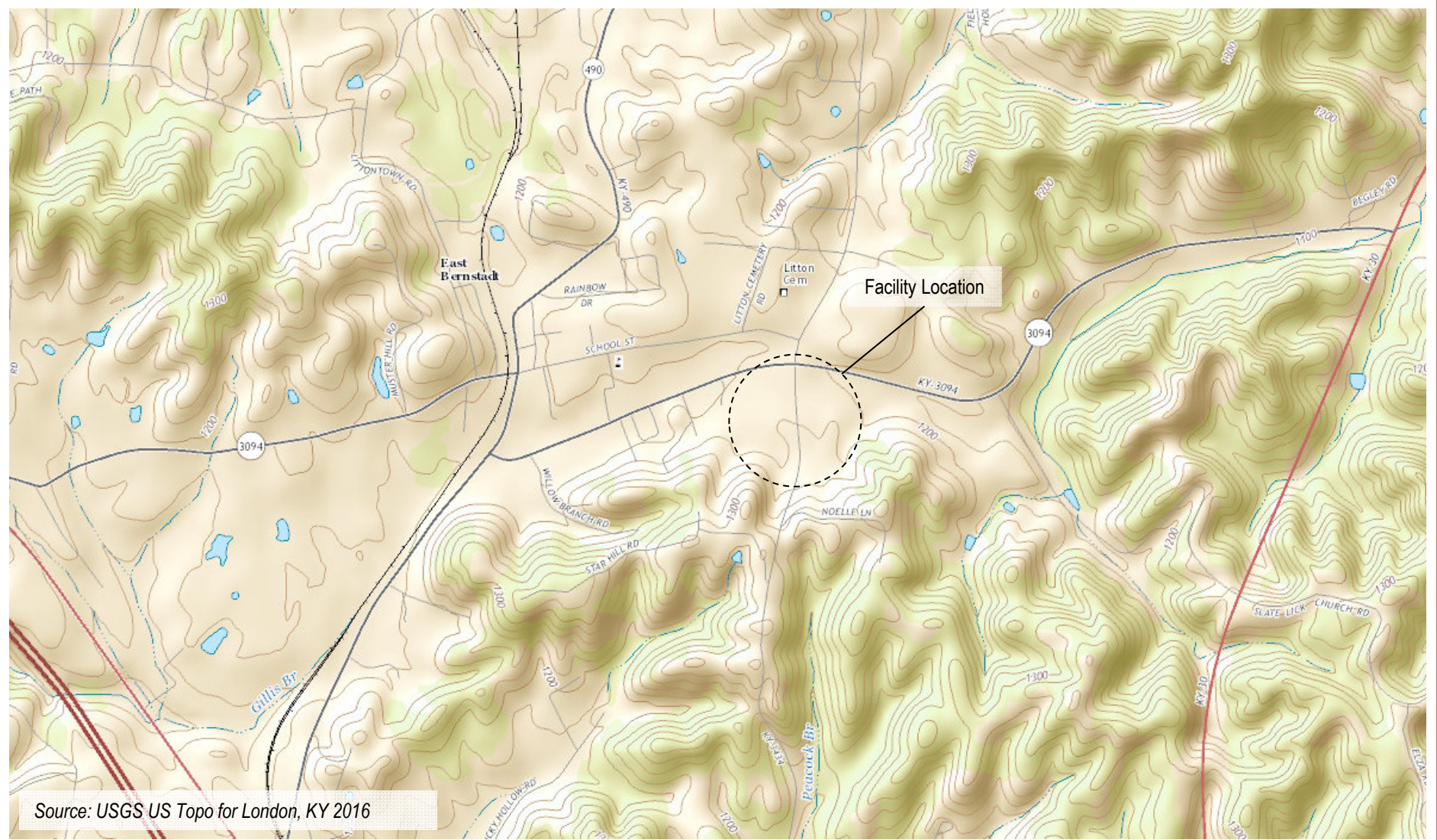
Stormwater  
Improvements

Drawing 15NOV19  
Date:

Drawn by: PR

Figure 1





**CEDAR CREEK**  
**ENGINEERING**

Winchester, Kentucky

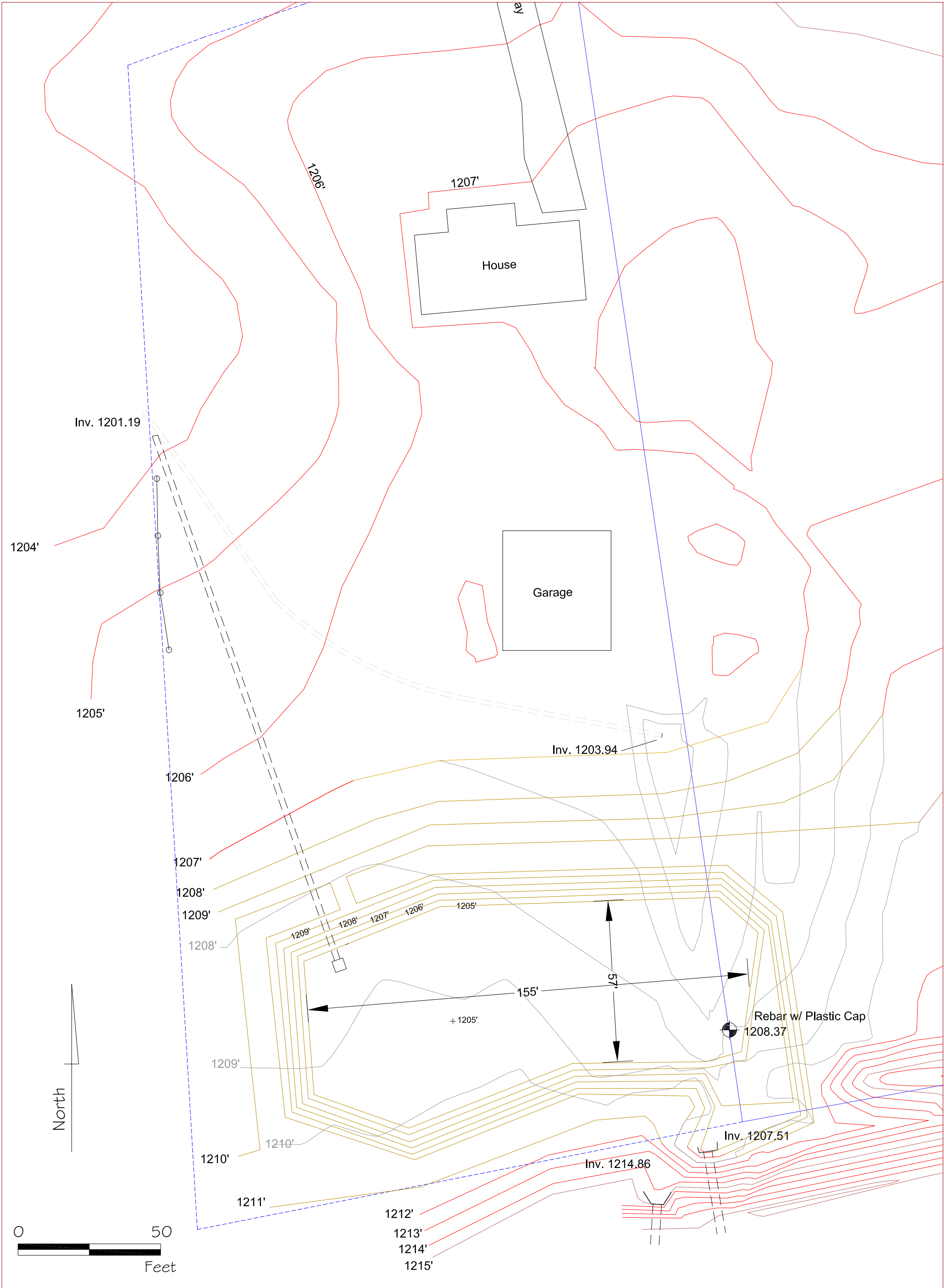
Robinson Stave, LLC  
1812 HWY 3434  
East Bernstadt, KY 40729  
AI No. 2591

Topographic Map

Drawing Date: 23JUN17

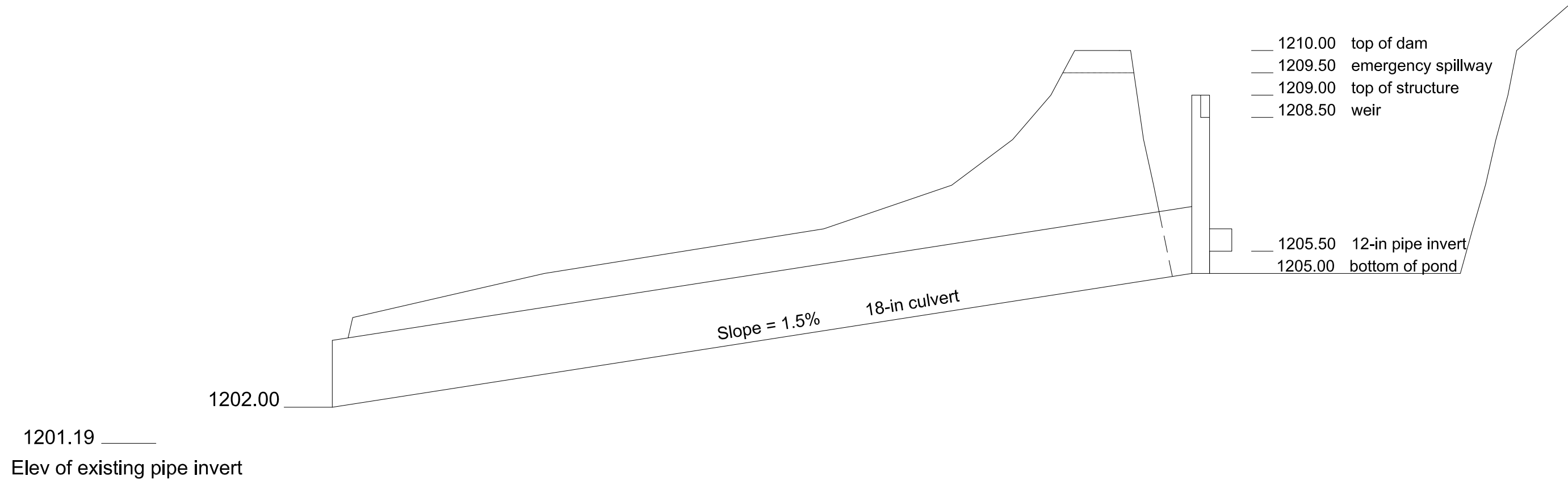
Drawn by: PR

Figure 2



<div><div><div>CEDAR CREEK</div><div>ENGINEERING</div><div>Winchester, Kentucky</div></div></div>	<div>Robinson Stave Company</div> <div>1812 HWY 3434</div> <div>East Bernstadt, KY</div>	<div>New Cooperage Pond</div>	
		<div>Drawing Date: 5NOV19</div>	
		<div>Drafted by: PR</div>	





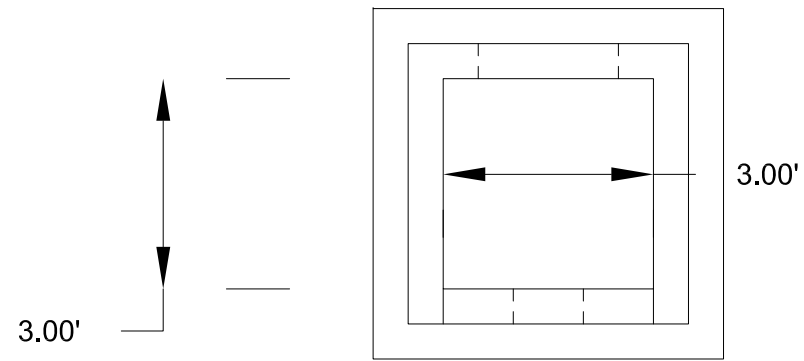
Winchester, Kentucky

Robinson Stave Company  
1812 HWY 3434  
East Bernstadt, KY

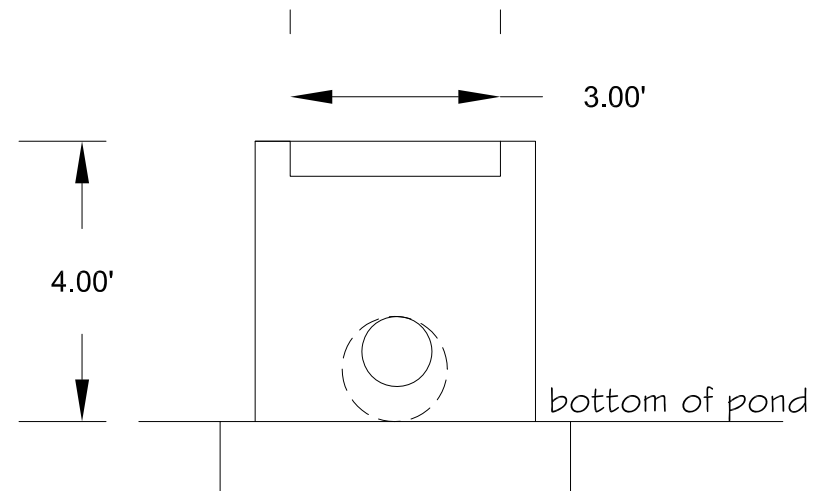
Elevations

Drawing Date: 5NOV19

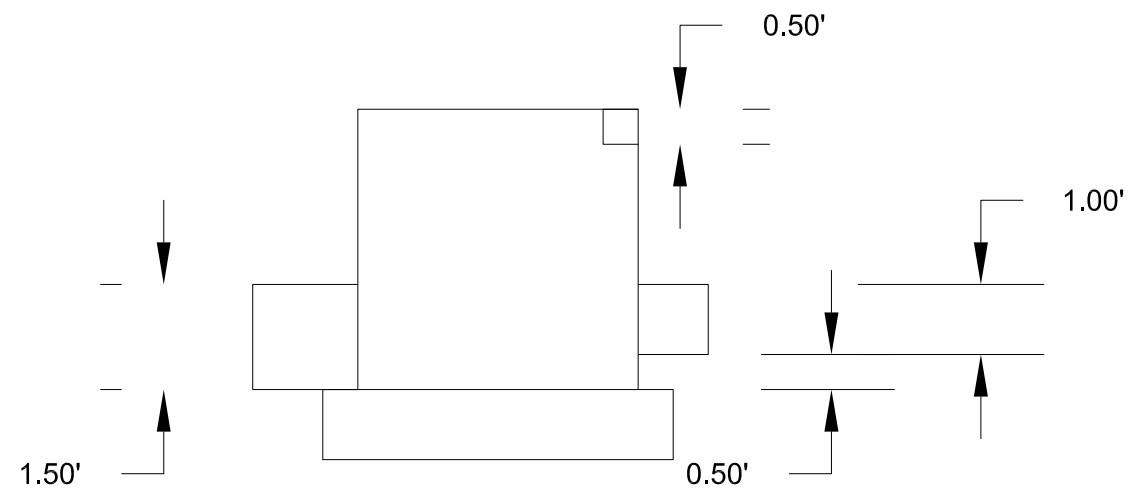
Drafted by: PR



Plan View



Side View



Side View



Winchester, Kentucky

Robinson Stave Company  
1812 HWY 3434  
East Bernstadt, KY

Outlet Structure

Drawing Date: 5NOV19

Drafted by: PR



# Pond Report

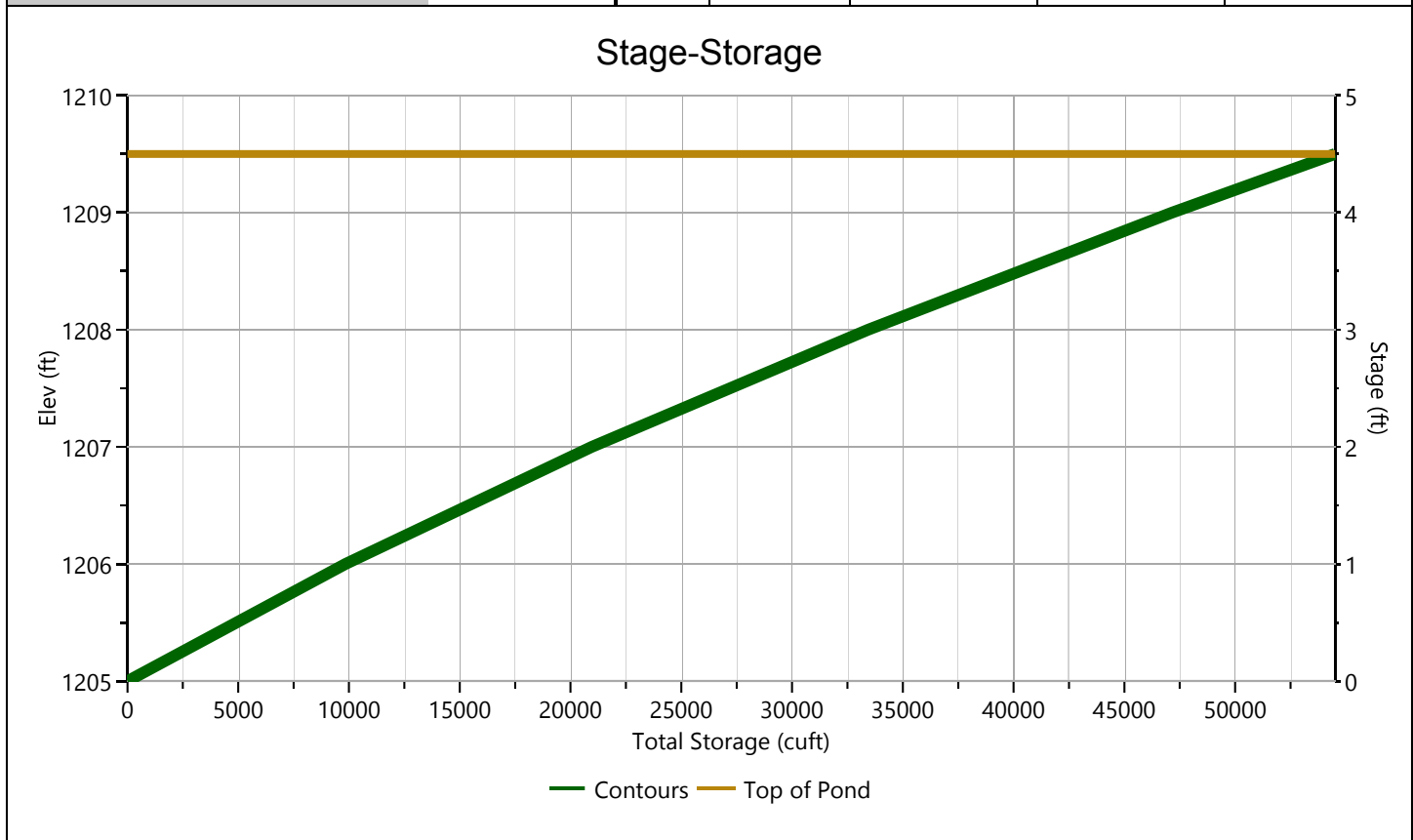
Project Name: Robinson Stave

Hydrology Studio v 3.0.0.13

11-05-2019

## Pond 4

## Stage-Storage

[illegible]

# Pond Report

Project Name: Robinson Stave

Hydrology Studio v 3.0.0.13

11-07-2019

## Pond 4

## Stage-Discharge

Culvert / Orifices	Culvert	Orifices			Orifice Plate
		1*	2	3	
Rise, in	18	12			Orifice Dia, in
Span, in	18	12			No. Orifices
No. Barrels	1	1			Invert Elevation, ft
Invert Elevation, ft	1205.00	1205.50			Height, ft
Orifice Coefficient, Co	0.60	0.60			Orifice Coefficient, Co
Length, ft	200				
Barrel Slope, %	2				
N-Value, n	0.013				
Weirs	Riser*	Weirs			Ancillary
		1*	2	3	
Shape / Type	Box	Rectangular			Exfiltration, in/hr
Crest Elevation, ft	1209	1208.5			
Crest Length, ft	9	3			
Angle, deg					
Weir Coefficient, Cw	3.3	3.3			

\*Routes through Culvert.

