### **SPECIFICATIONS**

- Liquid holding capacity: 1000 gallons (133.7 cu. ft.).
- 2. Unit weight with composite cover: 1400 lbs.
- Maximum operating temperature 140°F continuous.
- Highway rated covers: 16,000 lb. load rating.

### **NOTES**

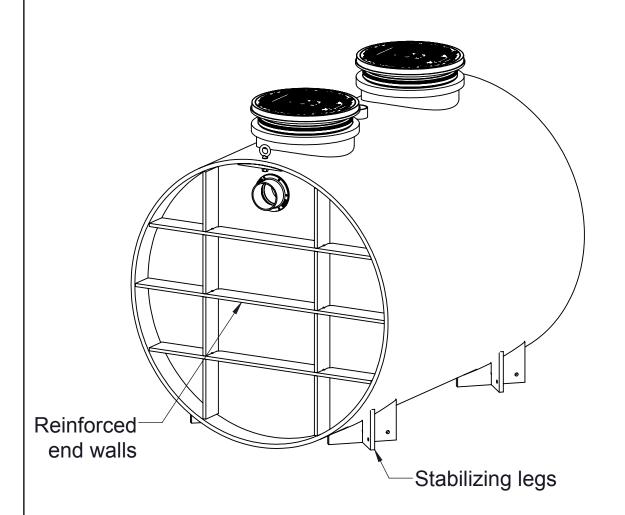
- 1. For gravity drainage applications only. Do not use for pressure applications.
- 2. 1" thick seamless High Density Polyethylene.
- 3. Unit supplied with built-in adapter for up to 6" of adjustability. Additional riser(s) available for deeper burial depth.
- 4. Cover placement allows full access to tank for proper maintenance.
- 5. For buried applications.
- 6. Lifting lug set for easy install.

### **ENGINEER SPECIFICATION GUIDE**

Striem Bio Basin model BB-1000 shall be lifetime guaranteed and made in USA of seamless, molded High Density Polyethylene with minimum 1" uniform wall thickness. Tank shall be furnished for below grade installation with field adjustable riser system. Cover shall provide water/gas-tight seal and have a maximum 16,000 lbs load rating.

### THIRD PARTY STRUCTURAL ANALYSIS

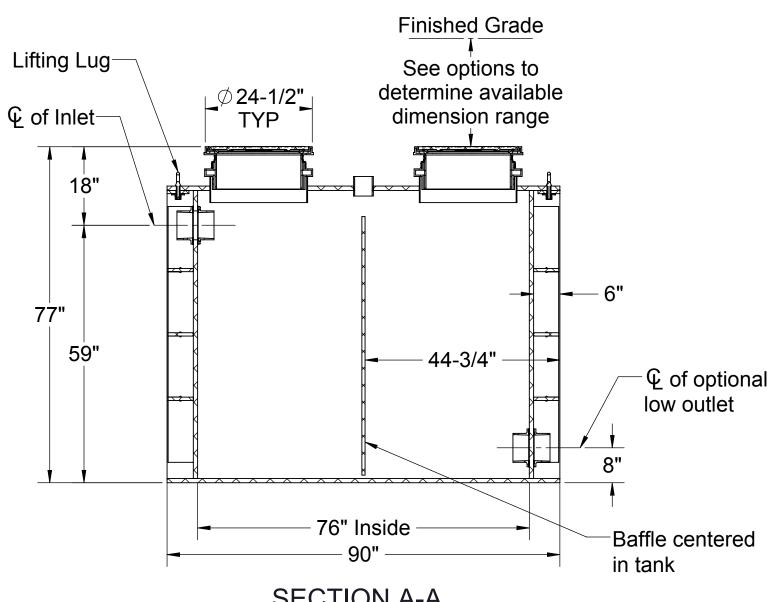
The BB-1000 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been reviewed and sealed by a professional engineer registered in the state of California. A sealed structural analysis report is available upon request.



Signature of Approval:	
Company: _	
Date of Approval:	
Specifying Engineer:	
Engineering Firm:	ETARY AND CONFIDENTIAL

**FLOW** 4" Vent Α Ø68" -Adjustable adapters with bolted and gasketed highway rated composite covers

### **TOP VIEW**



<u>Directions:</u> Complete steps 1-3 and submit signed with purchase order.			
	Choose Connection Types.		
	Inlet ☐ Plain End ☐ Male Thread ☐ Flanged	Size  2" 3" 4" 6"	
	Optional Outlet  Plain End  Male Thread  Flanged	Size  2" 3" 4" 6"	
	Vent ☐ Plain End ☐ Male Thread ☐ Flanged	Size  2" 3" 4"	
2.	TeleGlide Riser Options.  ☐ SR24 (2) - >6"-24"  ☐ LR24 (2) - >24"-39"  ☐ SR24 (4) - >39"-43"  ☐ SR24 (2) + LR24 (2) - >43  ☐ LR24 (4) - >58"-72"	3"-58"	
3.	Choose Additional Options.		
	<ul> <li>HDK-1 - High Water Table Hold Down Kit</li> <li>AVA-3 - Single Level Monitoring Package *</li> <li>AVA-4 - Multi-Level Monitoring Package *</li> <li>Outlet with manual valve (see drawing on sheet 2)</li> <li>Outlet with electronically actuated valve controlled by monitoring package (see drawing on sheet 3)</li> <li>*Monitoring packages will raise covers by 2-1/2".</li> </ul>		

## **SECTION A-A**

**MODEL NUMBER:** BB-1000

### **DESCRIPTION:**

PO IS NON-

CANCELABLE

**ORDER IS NON-**

RETURNABLE

POLYETHYLENE DECONTAMINATION **TANK 1000 GALLON CAPACITY** 

DWG BY: MJ

**DATE:** 09/19/2019 **REV:** 0

ECO:

# SHEET 1 **SPECIFICATION SHEET**

**Striem** 3100 Brinkerhoff Kansas City, KS 66115 Tel: 913-222-1500 Fax: 913-291-0457 www.striemco.com

Made in the U.S.A



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### **SPECIFICATIONS** Liquid holding capacity: 1000 gallons (133.7 cu. ft.). 2. Unit weight with composite cover: 1400 lbs. Maximum operating temperature 140°F continuous. Highway rated covers: 16,000 lb. load rating. **NOTES** 1. For gravity drainage applications only. Do not use for pressure applications. 1" thick seamless High Density Polyethylene. Unit supplied with built-in adapter for up to 6" of adjustability. Additional riser(s) available for deeper burial depth. 4. Cover placement allows full access to tank for proper maintenance. 5. For buried applications. 6. Lifting lug set for easy install. **ENGINEER SPECIFICATION GUIDE** Striem Bio Basin model BB-1000 shall be lifetime guaranteed and made in USA of seamless, molded High Density Polyethylene with minimum 1" uniform wall thickness. Tank shall be furnished for below grade installation with field adjustable riser system. Cover shall provide water/gas-tight seal and have a maximum 16,000 lbs load rating. THIRD PARTY STRUCTURAL ANALYSIS The BB-1000 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The maximum burial depth and backfill material are specified in our installation instructions. The structural design

has been reviewed and sealed by a professional engineer

# Adjustable adapters with bolted and gasketed highway rated composite covers

**FLOW** 

### **TOP VIEW**

registered in the state of California. A sealed structural analysis Finished Grade report is available upon request. Lifting Lug-See options to determine available 」**⊅** 24-1/2<u>"</u> © of Inletdimension range TYP Valve vault, vault 18" cover, and piping by others - 6" 77" ⁻Manual ball valve 44-3/4" 59" Reinforced-Valve support 76" Inside end walls stand provided 90" Baffle centered Stabilizing legs by Striem in tank **SECTION A-A** 

with purchase order.				
1.	<b>Choose Connection Types.</b>			
	Inlet ☐ Plain End ☐ Male Thread ☐ Flanged	Size  2" 3" 4" 6"		
	Optional Outlet  Plain End  Male Thread  Flanged	Size  2" 3" 4" 6"		
	Vent ☐ Plain End ☐ Male Thread ☐ Flanged	Size  2" 3" 4"		
2.	TeleGlide Riser Options.			
	<ul> <li>□ SR24 (2) - &gt;6"-24"</li> <li>□ LR24 (2) - &gt;24"-39"</li> <li>□ SR24 (4) - &gt;39"-43"</li> <li>□ SR24 (2) + LR24 (2) - &gt;4</li> <li>□ LR24 (4) - &gt;58"-72"</li> </ul>	.3"-58"		
3.	<b>Choose Additional Options.</b>			
<ul> <li>☐ HDK-1 - High Water Table Hold Down Kit</li> <li>☐ AVA-3 - Single Level Monitoring Package *</li> <li>☐ AVA-4 - Multi-Level Monitoring Package *</li> <li>*Monitoring packages will raise covers by 2-1/2".</li> </ul>				
		<u>,                                      </u>		

**<u>Directions:</u>** Complete steps 1-3 and submit signed

SHEE

Signature of Approval:	
Company: _	
Date of Approval:	
Specifying Engineer:	
Engineering Firm:	

PO IS NON-CANCELABLE ORDER IS NON-RETURNABLE MODEL NUMBER: BB-1000

**DESCRIPTION:** 

POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE 1000 GALLON CAPACITY

**DWG BY**: MJ **DATE**: 09/19/2019 **REV**: 0

ECO:

Kansas City, KS 66115 Tel: 913-222-1500 Fax: 913-291-0457 www.striemco.com

**Striem** 

3100 Brinkerhoff

Made in the U.S.A



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SHEET 2
SPECIFICATION SHEET

### **Directions:** Complete steps 1-3 and submit signed **SPECIFICATIONS** with purchase order. **FLOW** Liquid holding capacity: 1000 gallons (133.7 cu. ft.). 2. Unit weight with composite cover: 1400 lbs. **Choose Connection Types.** Maximum operating temperature 140°F continuous. Inlet Size Highway rated covers: 16,000 lb. load rating. 18" ☐ Plain End 2" min **NOTES** Male Thread 1. For gravity drainage applications only. Flanged Do not use for pressure applications. 6" 1" thick seamless High Density Polyethylene. 4" Vent Unit supplied with built-in adapter for up to 6" of adjustability. Additional riser(s) available for deeper **Optional Outlet** Size burial depth. Cover placement allows full access to tank for proper **2**" Plain End maintenance. Male Thread 5. For buried applications. Flanged 6. Lifting lug set for easy install. 6" **ENGINEER SPECIFICATION GUIDE** Striem Bio Basin model BB-1000 shall be lifetime guaranteed and made in USA of seamless, molded High Density Vent Size Polyethylene with minimum 1" uniform wall thickness. Tank -Adjustable adapters— **2**" Plain End shall be furnished for below grade installation with field with bolted and gasketed Male Thread **3**" highway rated composite covers adjustable riser system. Cover shall provide water/gas-tight **4"** Flanged seal and have a maximum 16,000 lbs load rating. **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS **TeleGlide Riser Options.** The BB-1000 has been structurally analyzed in accordance **SR24** (2) - >6"-24" with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The maximum burial depth and backfill material are **LR24** (2) - >24"-39" specified in our installation instructions. The structural design **SR24** (4) - >39"-43" has been reviewed and sealed by a professional engineer **SR24** (2) + **LR24** (2) - >43"-58" registered in the state of California. A sealed structural analysis **LR24** (4) - >58"-72" Finished Grade report is available upon request. Lifting Lug-See options to **Choose Additional Options.** determine available $_{ extsf{I}}$ igtriangle24-1/2 $_{ extsf{I}}$ Q of Inletdimension range **HDK-1** - High Water Table Hold Down Kit TYP AVA-3 - Single Level Monitoring Package \* Valve vault, vault AVA-4 - Multi-Level Monitoring Package \* 18" cover, and piping by others \*Monitoring packages will raise covers by 2-1/2". Electronically actuated 77" ball valve -1/2" FPT conduit connection 44-3/4" 59"

Signature of Approval: Company: \_\_\_\_\_ Date of Approval: Specifying Engineer: \_\_\_\_\_ **Engineering Firm:** 

Stabilizing legs

Reinforced-

end walls

PO IS NON-CANCELABLE **ORDER IS NON-**RETURNABLE

**MODEL NUMBER:** BB-1000

**SECTION A-A** 

**DESCRIPTION:** 

76" Inside

90" -

POLYETHYLENE DECONTAMINATION TANK WITH ELECTRONICALLY **ACTUATED BALL VALVE** 1000 GALLON CAPACITY

Baffle centered

in tank

**DWG BY:** MJ

**DATE:** 09/19/2019 **REV:** 0 **ECO:** 

3100 Brinkerhoff Kansas City, KS 66115 Tel: 913-222-1500 Fax: 913-291-0457

**Striem** 



SHEET 3

www.striemco.com

Valve box

Striem

provided by

Made in the U.S.A

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