SPECIFICATIONS

- Liquid holding capacity: 1000 gallons (133.7 cu. ft.).
- Unit weight with composite cover: 1215 lbs.
- Maximum operating temperature 140°F continuous.
- Highway rated covers: 16,000 lb. load rating.

NOTES

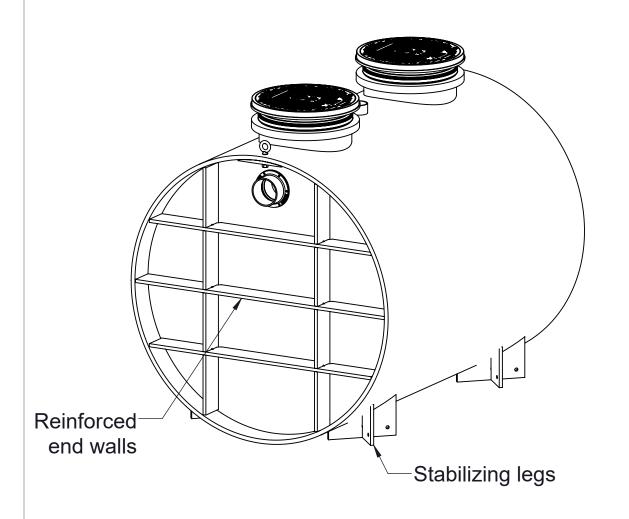
- 1. For gravity drainage applications only. Do not use for pressure applications.
- 7/8" thick seamless High Density Polyethylene.
- Unit supplied with built-in adapter for up to 5" of adjustability. Additional riser(s) available for deeper burial depth.
- Cover placement allows full access to tank for proper maintenance.
- 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 7/8" 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

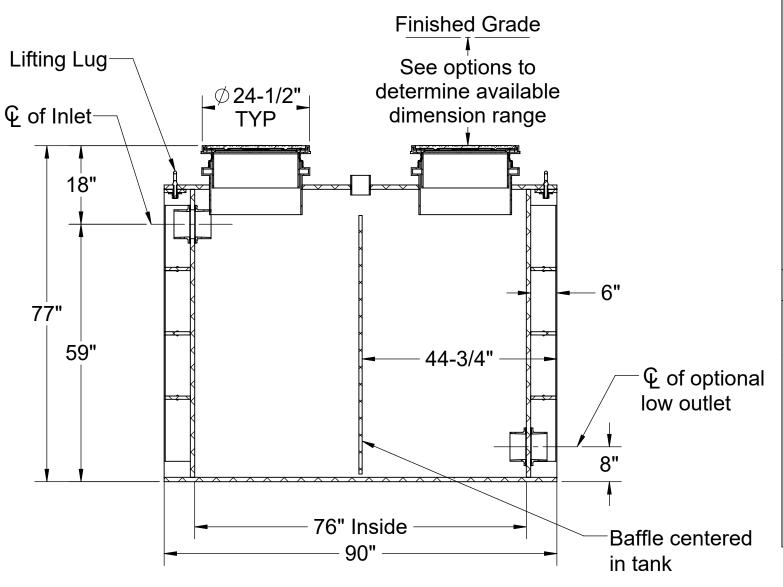
The BB-1000 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been reviewed and sealed by a professional engineer registered 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: PROPRIE	TARY AND CONFIDENTIAL

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

TOP VIEW



	SECTION A-A	
	MODEL NUMBER:	BB-1000
PO IS NON-	DESCRIPTION:	
CANCELABLE ORDER IS NON- RETURNABLE	POLYETHYLENE DE TANK 1000 GALI	

INATION TANK 1000 GALLON CAPACITY

DWG BY: MJ **DATE:** 12/15/2020 **REV:** 0 ECO:

Directions: Complete steps 1-3 and submit signed with purchase order. 1. Choose Connection Types. Inlet Size Plain End 3" Female Thread 4" Flanged 6" (Female thread unavailable) **Optional Outlet** Size Plain End **3**" Female Thread 4" Flanged 6" (Female thread unavailable) **Size** Vent Plain End **3**" Female Thread Flanged **4"** 2. Riser Options. **Included**: 0" - 5" **SR24** (2): >5" - 24" **LR24** (2) : >24" - 39" **SR24** (4): >39" - 43" **SR24** (2) + **LR24** (2) : >43" - 58" **LR24** (4): >58" - 72" **SR24** (2) + **LR24** (4) : >72" - 90" **LR24** (6) : >90" - 106" - OR -CPRK (2) : >11" - 106" Corrugated Pipe Riser Kit. Used in substitute of SR/LR riser options. 18" diameter corrugated pipe by others. See CPRK specification for more detail. 3. Choose Additional Options. **HDK-1** - High Water Table Hold Down Kit AVA-3 - Single Level Monitoring Package * AVA-4 - Multi-Level Monitoring Package * Outlet with manual valve (see drawing on sheet 2) Outlet with electronically actuated valve controlled by monitoring package (see drawing on sheet 3) *Monitoring packages will raise covers by 2-1/2".

SHEET 1

SPECIFICATION SHEET

Striem 3100 Brinkerhoff Kansas City, KS 66115 Tel: 913-222-1500 orders@striemco.com www.striemco.com

Made in the U.S.A



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SPECIFICATIONS Liquid holding capacity: 1000 gallons (133.7 cu. ft.). Unit weight with composite cover: 1215 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. 7/8" thick seamless High Density Polyethylene. Unit supplied with built-in adapter for up to 5" of adjustability. Additional riser(s) available for deeper burial depth. Cover placement allows full access to tank for proper maintenance. 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 7/8" 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.

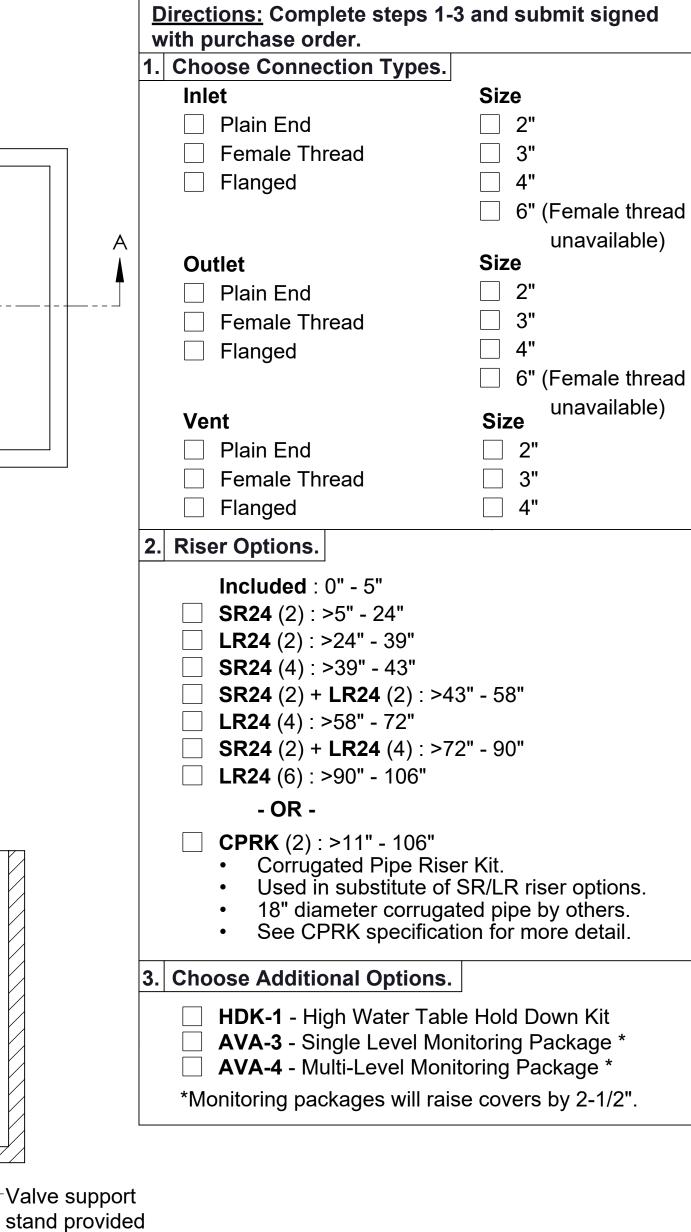
-Adjustable adapters with bolted and gasketed highway rated composite covers **TOP VIEW** Finished Grade Lifting Lug-See options to determine available $_{ extsf{I}}$ otin24-1/2 $^{ extsf{I}}$ Q of Inletdimension range TYP Valve vault, vault cover, and piping 18" by others ⁻Manual 44-3/4" ball valve

- 18" Min.

FLOW

4" Vent

77" 59" 8"♀ of Outlet Reinforced— 76" Inside end walls 90" Baffle centered Stabilizing legs in tank **SECTION A-A** MO Signature of Approval: ___ **DESCRIPTION:** Company: _____ PO IS NON-**CANCELABLE** Date of Approval: **ORDER IS NON-**RETURNABLE Specifying Engineer: _____



SHEET 2

POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE 1000 GALLON CAPACITY

by Striem

DWG BY: MJ **DATE:** 12/15/2020 **REV:** 0 **ECO:**

Striem 3100 Brinkerhoff

SPECIFICATION SHEET

Made in the U.S.A



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PROPRIETARY AND CONFIDENTIAL

Engineering Firm:

Kansas City, KS 66115 Tel: 913-222-1500 orders@striemco.com www.striemco.com

Directions: Complete steps 1-3 and submit signed **SPECIFICATIONS** with purchase order. **FLOW** Liquid holding capacity: 1000 gallons (133.7 cu. ft.). 1. Choose Connection Types. Unit weight with composite cover: 1215 lbs. Maximum operating temperature 140°F continuous. Inlet Highway rated covers: 16,000 lb. load rating. -── 18" Min. ☐ Plain End **NOTES** Female Thread 1. For gravity drainage applications only. Flanged Do not use for pressure applications. 7/8" thick seamless High Density Polyethylene. 4" Vent Unit supplied with built-in adapter for up to 5" of Α adjustability. Additional riser(s) available for deeper Outlet burial depth. ☐ Plain End Cover placement allows full access to tank for proper Female Thread maintenance. For buried applications. Flanged Lifting lug set for easy install. **ENGINEER SPECIFICATION GUIDE** Vent Striem Bio Basin model BB-1000 shall be lifetime guaranteed and made in USA of seamless, molded High Density ☐ Plain End Polyethylene with minimum 7/8" uniform wall thickness. Tank -Adjustable adapters— Female Thread shall be furnished for below grade installation with field with bolted and gasketed Flanged adjustable riser system. Cover shall provide water/gas-tight highway rated composite covers seal and have a maximum 16,000 lbs load rating. 2. Riser Options. **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS **Included**: 0" - 5" The BB-1000 has been structurally analyzed in accordance **SR24** (2) : >5" - 24" with the requirements of IBC 2012 and ASCE/SEI 7 for direct **LR24** (2) : >24" - 39" burial. The maximum burial depth and backfill material are SR24 (4): >39" - 43" specified in our installation instructions. The structural design 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. **SR24** (2) + **LR24** (4) : >72" - 90" Lifting Lug-See options to **LR24** (6) : >90" - 106" determine available $_{ extsf{I}}$ otin24-1/2 $^{ extsf{I}}$ © of Inlet-- OR dimension range TYP CPRK (2) : >11" - 106" Valve vault, vault Corrugated Pipe Riser Kit. Used in substitute of SR/LR riser options. cover, and piping 18" 18" diameter corrugated pipe by others. by others See CPRK specification for more detail. Electronically 3. Choose Additional Options. actuated 77" ball valve ■ **HDK-1** - High Water Table Hold Down Kit 44-3/4" AVA-3 - Single Level Monitoring Package * 59" AVA-4 - Multi-Level Monitoring Package * *Monitoring packages will raise covers by 2-1/2".

Signature of Approval: ___ Company: _____ Date of Approval:

Stabilizing legs

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

Baffle centered

in tank

MODEL NUMBER: BB-1000

SECTION A-A

DESCRIPTION:

76" Inside

90"

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

-8"♀ of Outlet

-Valve box

Striem

provided by

DATE: 12/15/2020 **REV:** 0 **ECO: DWG BY:** MJ

SPECIFICATION SHEET

Striem 3100 Brinkerhoff Kansas City, KS 66115 Tel: 913-222-1500 orders@striemco.com www.striemco.com

SHEET 3

Made in the U.S.A

Specifying Engineer: _____ **Engineering Firm:** PROPRIETARY AND CONFIDENTIAL

Reinforced-

end walls

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1/2" FPT conduit connection

Size

2"

3"

Size

<u>2"</u>

3"

Size

2"

3"

4"

4"

6" (Female thread

unavailable)

6" (Female thread

unavailable)