SPECIFICATIONS

- 1. Liquid holding capacity: 750 gallons (100 cu. ft.).
- 2. Unit weight with composite cover: 1090 lbs.
- 3. Maximum operating temperature 140°F continuous.
- 4. Highway rated covers: 16,000 lb. load rating.

NOTES

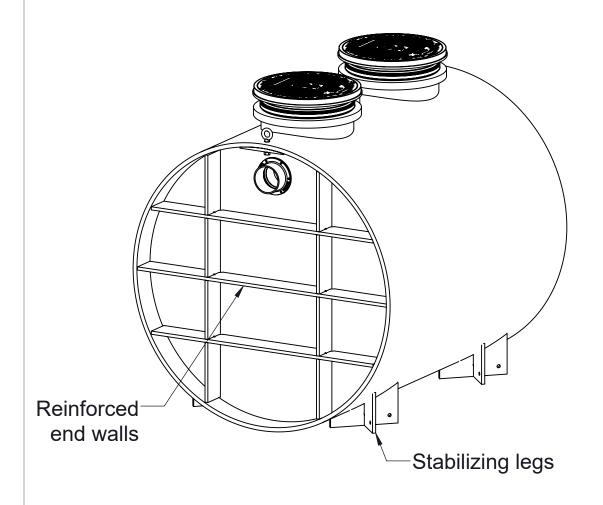
- 1. For gravity drainage applications only. Do not use for pressure applications.
- 2. 7/8" thick seamless High Density Polyethylene.
- 3. Unit supplied with built-in adapter for up to 5" of adjustability. Additional riser(s) available for deeper burial depth.
- 4. Cover placement allows full access to tank for proper maintenance.
- 5. For buried applications.
- 6. Lifting lug set for easy install.

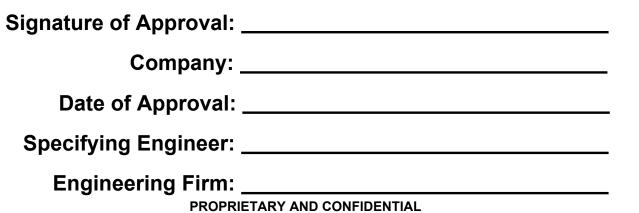
ENGINEER SPECIFICATION GUIDE

Striem Bio Basin model BB-750 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.

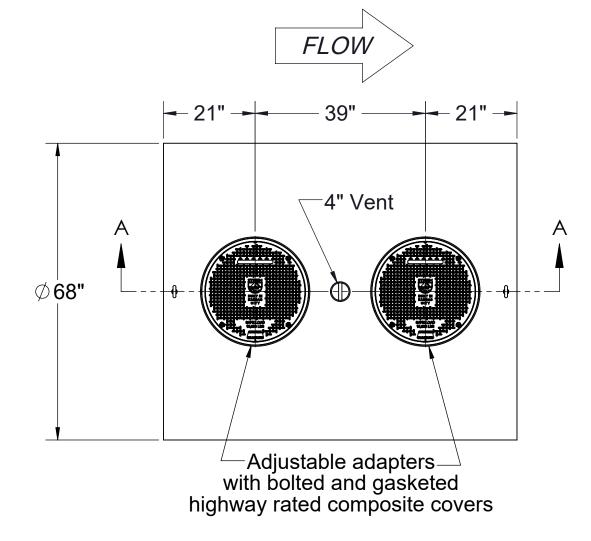
THIRD PARTY STRUCTURAL ANALYSIS

The BB-750 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.

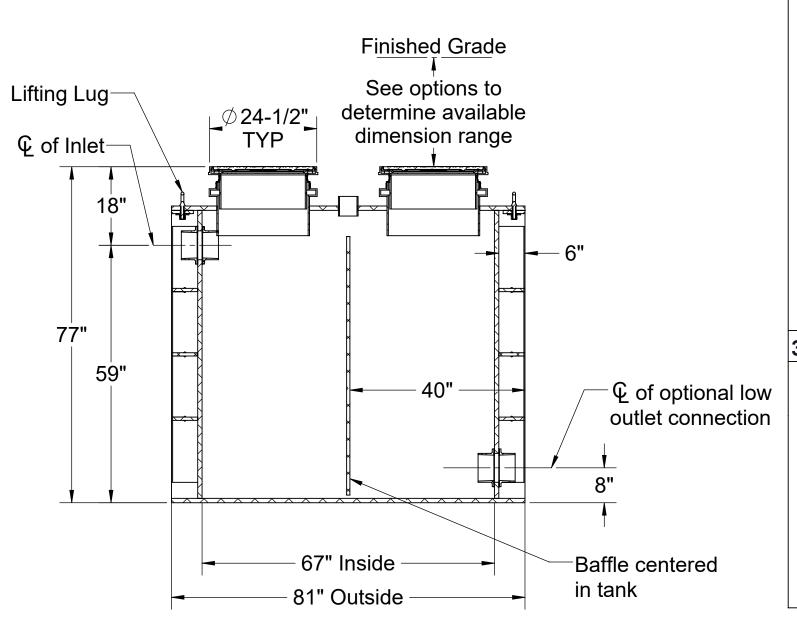




PO IS NON-CANCELABLE ORDER IS NON-RETURNABLE



TOP VIEW



SECTION A-A

MODEL NUMBER: BB-750

DESCRIPTION:

POLYETHYLENE DECONTAMINATION TANK 750 GALLON CAPACITY

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

with purchase order. 1. Choose Connection Types. Inlet Size Plain End **2"** Female Thread Flanged 6" **Optional Outlet** Size Plain End Female Thread Flanged **4"** 6" Vent Size ☐ 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"

Directions: Complete steps 1-3 and submit signed

CPRK (2): >11" - 106"Corrugated Pipe Riser Kit.

LR24 (6) : >90" - 106"

- OR -

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

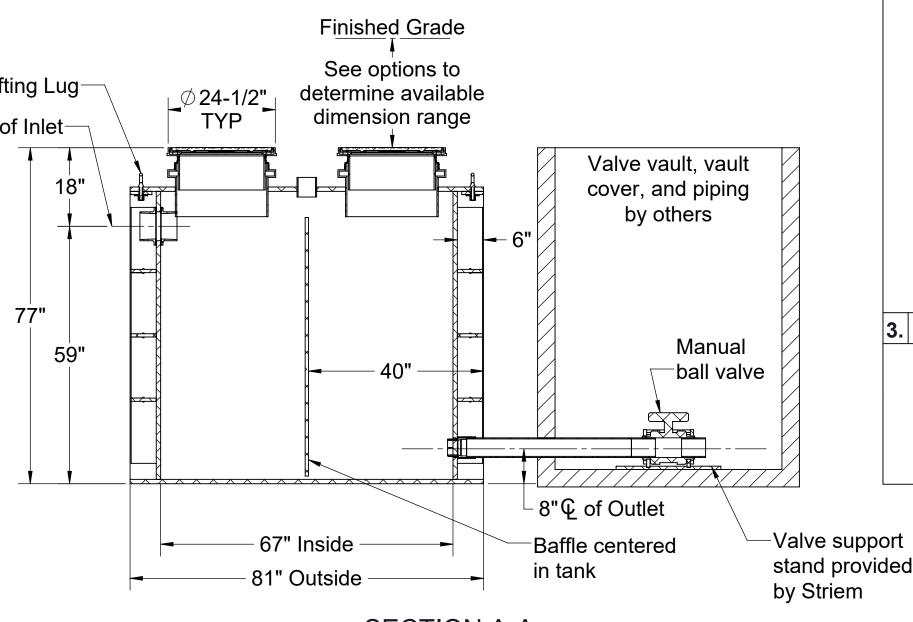
Striem
3100 Brinkerhoff
Kansas City, KS 66115
Tel: 913-222-1500
orders@striemco.com
www.striemco.com



Made in the U.S.A

SPECIFICATIONS FLOW Liquid holding capacity: 750 gallons (100 cu. ft.). Unit weight with composite cover: 1090 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. 4" Vent 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-750 shall be lifetime guaranteed and made in USA of seamless, molded High Density -Adjustable adapters— Polyethylene with minimum 7/8" uniform wall thickness. Tank with bolted and gasketed shall be furnished for below grade installation with field highway rated composite covers 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-750 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 Lifting Lugavailable upon request. _Ø 24-1/2<u>"</u> TYP Q of Inlet-18" 77"

Stabilizing legs



TOP VIEW

<u>Directions:</u> Complete steps 1-3 and submit signed with purchase order.			
1. Choose Connection Types.			
Inlet			Size
	Plain End		2 "
	Female Thre	ad	<u></u> 3"
	Flanged		4 "
			□ 6"
Outlet		Size	
	Plain End		☐ 2"
	Female Threa	ad	☐ 3"
	Flanged	44	☐ 4 "
	i langou		☐ 6"
Vent		Size	
	Plain End		2 "
	Female Thre	ad	
	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 * 			
*Monitoring packages will raise covers by 2-1/2".			

SECTION A-A

SHEET 2

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

PROPRIETARY AND CONFIDENTIAL

Reinforced-

end walls

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

MODEL NUMBER: BB-750

DESCRIPTION:

POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE 750 GALLON CAPACITY

18" Min.

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

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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Directions: Complete steps 1-3 and submit signed **SPECIFICATIONS** with purchase order. **FLOW** Liquid holding capacity: 750 gallons (100 cu. ft.). 1. Choose Connection Types. Unit weight with composite cover: 1090 lbs. Maximum operating temperature 140°F continuous. Inlet Size 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. 4" Vent 6" 7/8" thick seamless High Density Polyethylene. Unit supplied with built-in adapter for up to 5" of Outlet adjustability. Additional riser(s) available for deeper Size Plain End burial depth. Cover placement allows full access to tank for proper Female Thread maintenance. Flanged For buried applications. 6. Lifting lug set for easy install. 6" **ENGINEER SPECIFICATION GUIDE** Vent Size Striem Bio Basin model BB-750 shall be lifetime guaranteed Plain End and made in USA of seamless, molded High Density Adjustable adapters— **3**" Female Thread Polyethylene with minimum 7/8" uniform wall thickness. Tank with bolted and gasketed shall be furnished for below grade installation with field **4"** Flanged highway rated composite covers adjustable riser system. Cover shall provide water/gas-tight seal and have a maximum 16,000 lbs load rating. 2. Riser Options. **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS **Included**: 0" - 5" The BB-750 has been structurally analyzed in accordance with **SR24** (2) : >5" - 24" the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. **LR24** (2) : >24" - 39" The maximum burial depth and backfill material are specified in **SR24** (4): >39" - 43" our installation instructions. The structural design has been Finished Grade **SR24** (2) + **LR24** (2) : >43" - 58" reviewed and sealed by a professional engineer registered in the state of California. A sealed structural analysis report is See options to **LR24** (4) : >58" - 72" Lifting Lugavailable upon request. determine available _Ø 24-1/2<u>"</u> **SR24** (2) + **LR24** (4) : >72" - 90" dimension range TYP ♥ of Inlet-**LR24** (6) : >90" - 106" - OR -Valve vault, vault 18" cover, and piping CPRK (2) : >11" - 106" Corrugated Pipe Riser Kit. by others - 6" Used in substitute of SR/LR riser options. Electronically 18" diameter corrugated pipe by others. See CPRK specification for more detail. actuated ball valve-77" 3. Choose Additional Options. 59" ☐ **HDK-1** - High Water Table Hold Down Kit 40" AVA-3 - Single Level Monitoring Package * AVA-4 - Multi-Level Monitoring Package * *Monitoring packages will raise covers by 2-1/2". 1/2" FPT conduit connection 8"♀ of Outlet Reinforced-67" Inside end walls Valve box Baffle centered provided by Stabilizing legs 81" Outside in tank Striem SHEET 3 **SECTION A-A SPECIFICATION SHEET MODEL NUMBER:** BB-750 Signature of Approval: ___

Company: _____ Date of Approval: Specifying Engineer: _____

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

DESCRIPTION:

POLYETHYLENE DECONTAMINATION TANK WITH ELECTRONICALLY **ACTUATED BALL VALVE** 750 GALLON CAPACITY

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

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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PROPRIETARY AND CONFIDENTIAL

Engineering Firm: