#### **SPECIFICATIONS**

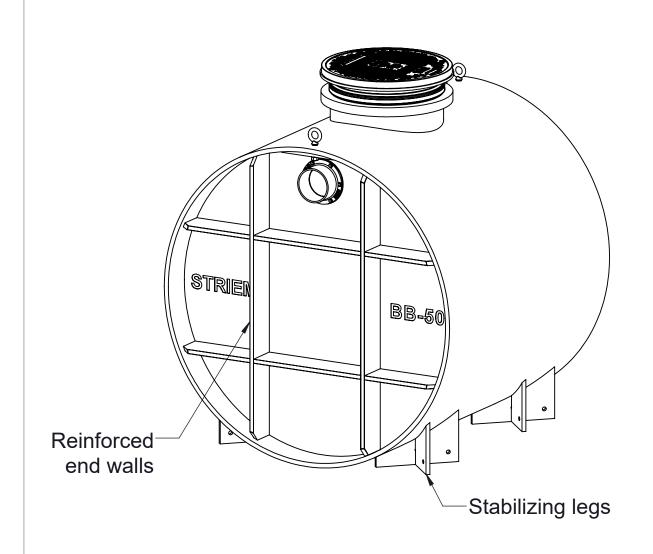
- Liquid holding capacity: 500 gallons (66.7 cu. ft.).
- Unit weight with composite cover: 750 lbs.
- Maximum operating temperature 140°F continuous.
- Highway rated cover: 16,000 lb. load rating.

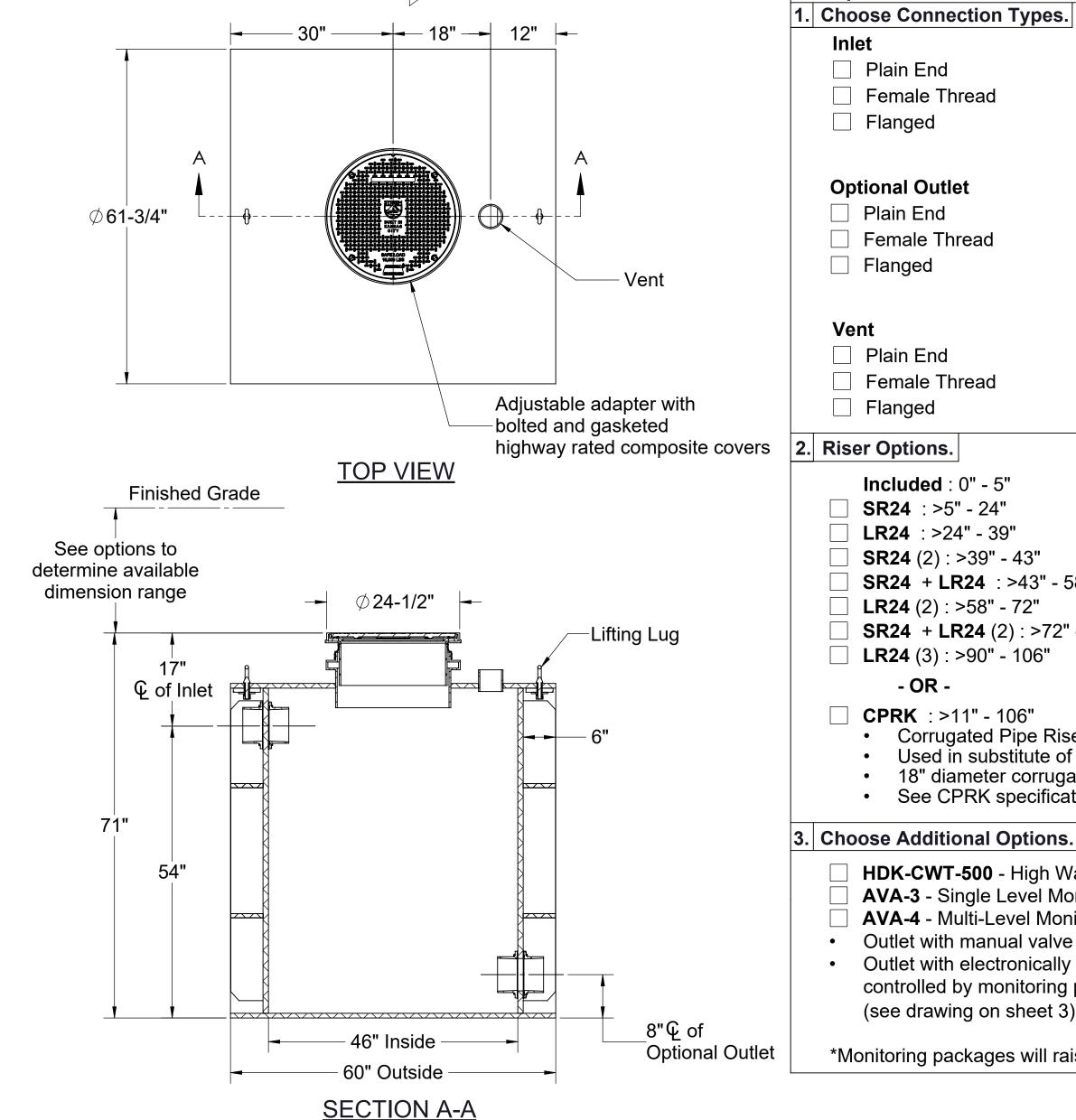
#### **NOTES**

- 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-500 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.





**FLOW** 

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

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

**MODEL NUMBER:** BB-500

#### **DESCRIPTION:**

POLYETHYLENE DECONTAMINATION TANK **500 GALLON CAPACITY** 

**DWG BY:**WLF | **DATE:** 4/23/21 **REV**: 0 **ECO**:

## **SPECIFICATION SHEET**

**Directions:** Complete steps 1-3 and submit signed

Size

**Size** 

Size

**3**"

**4"** 

6" (female not

6" (female not

available)

available)

with purchase order.

☐ Plain End

Flanged

**Optional Outlet** 

Female Thread

Female Thread

**Included**: 0" - 5"

**SR24** : >5" - 24"

**LR24** : >24" - 39"

**SR24** (2) : >39" - 43"

**LR24** (2) : >58" - 72"

**LR24** (3): >90" - 106"

**CPRK** : >11" - 106"

- OR -

**SR24** + **LR24** : >43" - 58"

**SR24** + **LR24** (2) : >72" - 90"

Corrugated Pipe Riser Kit.

Used in substitute of SR/LR riser options. 18" diameter corrugated pipe by others. See CPRK specification for more detail.

**HDK-CWT-500** - High Water Table Hold Down Kit

Outlet with manual valve (see drawing on sheet 2)

AVA-3 - Single Level Monitoring Package \* AVA-4 - Multi-Level Monitoring Package \*

Outlet with electronically actuated valve

\*Monitoring packages will raise covers by 3".

controlled by monitoring package

(see drawing on sheet 3)

Plain End

Flanged

☐ Plain End

Flanged

Vent

Female Thread

Inlet

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

SHEET 1

Made in the U.S.A

#### **Directions:** Complete steps 1-3 and submit signed **SPECIFICATIONS** *FLOW* with purchase order. Liquid holding capacity: 500 gallons (66.7 cu. ft.). 1. Choose Connection Types. Unit weight with composite cover: 750 lbs. 18" Min Maximum operating temperature 140°F continuous. Inlet 30" 12" Highway rated cover: 16,000 lb. load rating. 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. Α Unit supplied with built-in adapter for up to 5" of adjustability. Additional riser(s) available for deeper Outlet burial depth. ☐ Plain End Ø61-3/4" Cover placement allows full access to tank for proper Female Thread maintenance. Flanged For buried applications. 6. Lifting lug set for easy install. **ENGINEER SPECIFICATION GUIDE** Vent Striem Bio Basin model BB-500 shall be lifetime guaranteed Plain End and made in USA of seamless, molded High Density Female Thread Polyethylene with minimum 7/8" uniform wall thickness. Tank Adjustable adapters with shall be furnished for below grade installation with field Flanged bolted and gasketed Vent adjustable riser system. Cover shall provide water/gas-tight highway rated composite covers seal and have a maximum 16,000 lbs load rating. **TOP VIEW** 2. Riser Options. **Included**: 0" - 5" **SR24** : >5" - 24" Finished Grade **LR24**: >24" - 39" **SR24** (2) : >39" - 43" See options to **SR24** + **LR24** : >43" - 58" determine available **LR24** (2) : >58" - 72" Lifting Lug dimsion ranges Ø 24-1/2" **SR24** + **LR24** (2) : >72" - 90" **LR24** (3): >90" - 106" Valve vault, vault 17" - OR cover, and piping Q of Inlet चि by others **CPRK** : >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. 71" STRIEN 3. Choose Additional Options. BB-50 Manual 54" HDK-CWT-500 - High Water Table Hold Down Kit ball valve AVA-3 - Single Level Monitoring Package \* AVA-4 - Multi-Level Monitoring Package \*

**SECTION A-A** 

## SHEET 2

Size

Size

Size

**3**"

<u>4"</u>

6"

6" (female not

available)

(female not available)

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

Stabilizing legs

Reinforced

end walls

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

**MODEL NUMBER:** BB-500

#### **DESCRIPTION:**

46" Inside — -

60" Outside –

POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE **500 GALLON CAPACITY** 

-8"♀ of Outlet

**REV**: 0 **ECO**: **DWG BY:**WLF **DATE:** 4/23/21

**Striem** 

**SPECIFICATION SHEET** 

\*Monitoring packages will raise covers by 3".

3100 Brinkerhoff Tel: 913-222-1500 www.striemco.com

Valve support

stand provided

by Striem

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **STRIEM**, **LLC**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **STRIEM**, **LLC**. IS PROHIBITED.

Kansas City, KS 66115 orders@striemco.com

Made in the U.S.A

# **SPECIFICATIONS** Unit weight with composite cover: 750 lbs.

Liquid holding capacity: 500 gallons (66.7 cu. ft.).

Maximum operating temperature 140°F continuous.

Highway rated cover: 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.

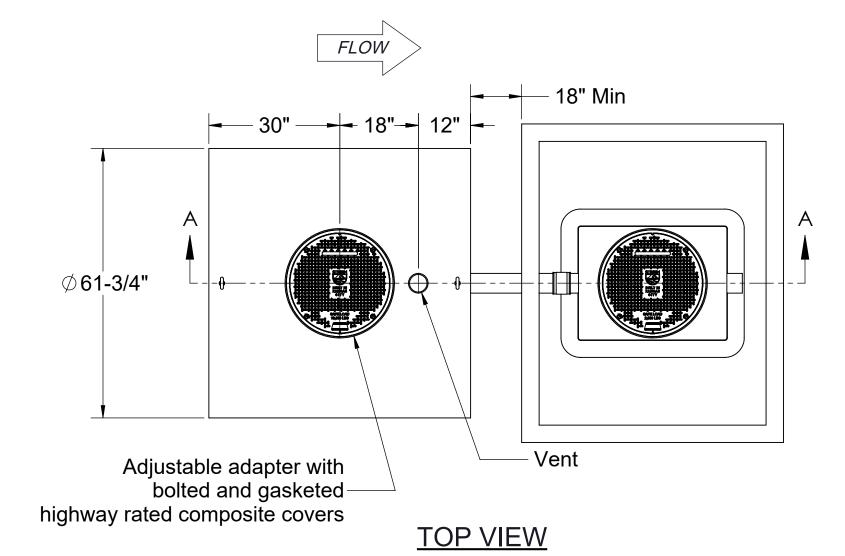
Cover placement allows full access to tank for proper maintenance.

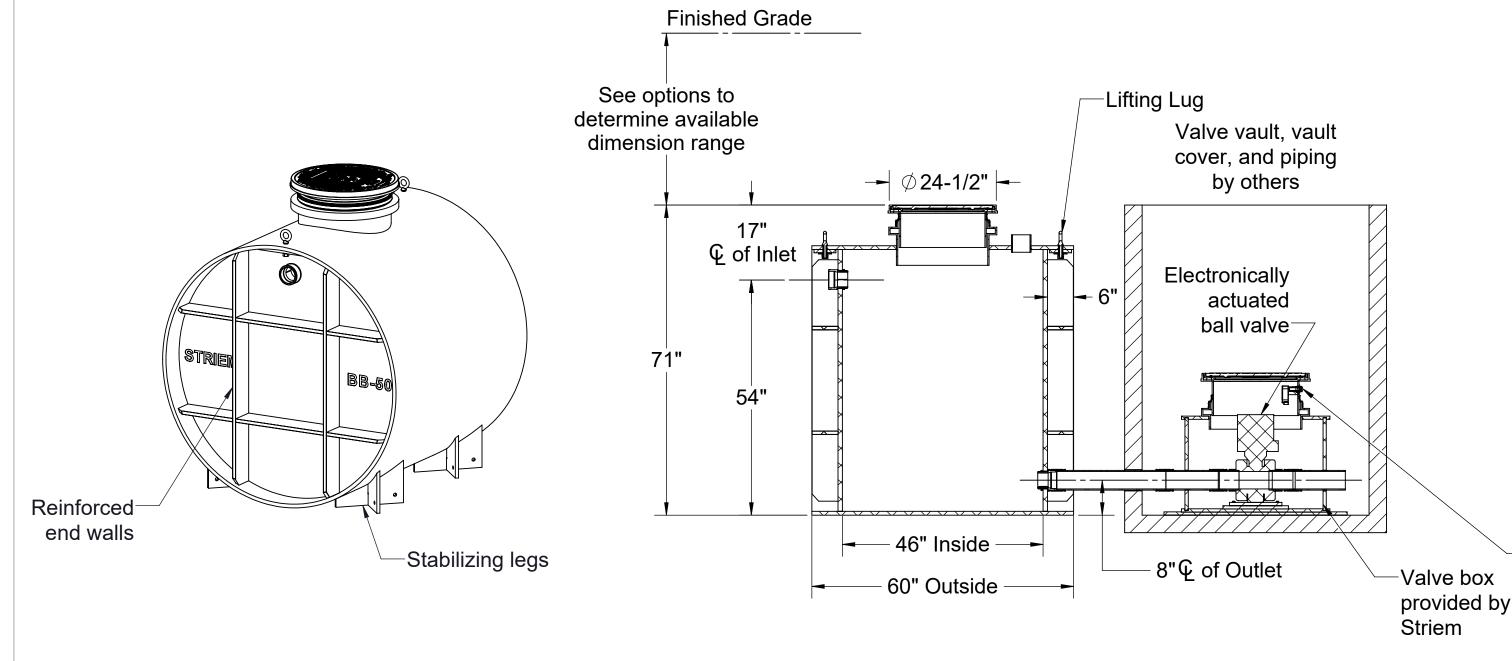
For buried applications.

6. Lifting lug set for easy install.

#### **ENGINEER SPECIFICATION GUIDE**

Striem Bio Basin model BB-500 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.





2. Riser Options.

with purchase order.

Plain End

Flanged

Plain End

Flanged

Plain End

Flanged

Outlet

Vent

Inlet

1. Choose Connection Types.

Female Thread

Female Thread

Female Thread

**SR24**: >5" - 24" **LR24**: >24" - 39" **SR24** (2) : >39" - 43"

**Included**: 0" - 5"

**SR24** + **LR24** : >43" - 58"

**LR24** (2) : >58" - 72" **SR24** + **LR24** (2) : >72" - 90"

**LR24** (3): >90" - 106"

- OR -

**CPRK**:>11" - 106"

Corrugated Pipe Riser Kit.

Used in substitute of SR/LR riser options.

18" diameter corrugated pipe by others.

**Directions:** Complete steps 1-3 and submit signed

Size

Size

Size

**2**"

**3**"

<u>4"</u>

6" (female not

6" (female not

available)

available)

See CPRK specification for more detail.

### 3. Choose Additional Options.

HDK-CWT-500 - High Water Table Hold Down Kit

AVA-3 - Single Level Monitoring Package \*

AVA-4 - Multi-Level Monitoring Package \*

\*Monitoring packages will raise covers by 3".

1/2" FPT conduit connection

### **SECTION A-A**

**MODEL NUMBER:** 

SHEET 3

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

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

**DESCRIPTION:** 

POLYETHYLENE DECONTAMINATION TANK WITH ELECTRONICALLY ACTUATED BALL VALVE **500 GALLON CAPACITY** 

**DWG BY:**WLF | **DATE:** 4/23/21

BB-500

**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



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **STRIEM**, **LLC**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **STRIEM**, **LLC**. IS