# **SPECIFICATIONS**

- 1. Liquid holding capacity: 250 Gallons
- 2. Unit weight w/std. cover: 230 Pounds
- 3. Highway rated composite cover: 16,000 lb. load rating.
- 4. Maximum operating temperature 140 °F continuous.

#### **NOTES**

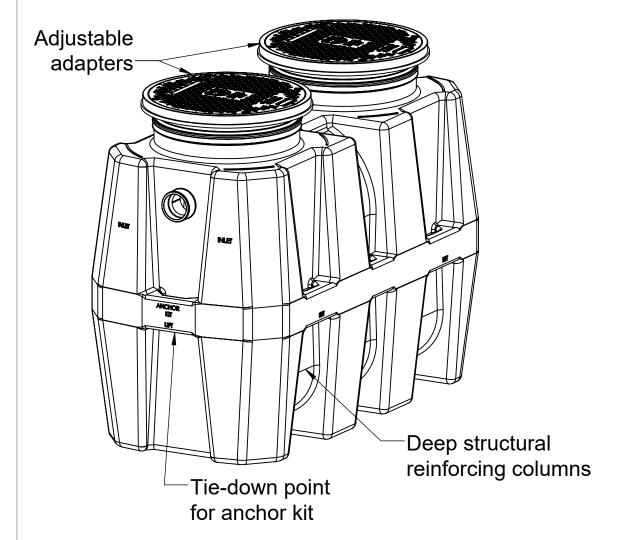
- 1. For gravity drainage applications only. Do not use for pressure applications.
- 3/8" thick seamless medium density polyethylene walls.
- 3. Unit supplied with built-in adapters for up to 6" of adjustability. Additional risers available for deeper burial depth.
- 4. Cover placement allows full access to tank for proper maintenance.
- 5. For on the-floor or buried applications.

## **ENGINEER SPECIFICATION GUIDE**

Striem Bio Basin™ decontamination tank model BB-275 shall be lifetime guaranteed and Made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Tank shall be furnished with inlets, outlets, vents, cover, riser system, monitoring equipment and other modifications per jobsite-specific conditions and per engineer's specification.

### THIRD PARTY STRUCTURAL ANALYSIS

The BB-275 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:	

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

	<u>Directions:</u> Complete steps 1-4 and submit signed with purchase order.		
1.	<b>Choose Connection Locations.</b>		

□ Vent	┘ Vent
A A THE PROPERTY OF THE PARTY O	A SITE OF THE STATE OF THE STAT

□ Vent ☐ Vent **TOP VIEW** 

		FLOW	
	Finished Grade		
	See options to determine available dimension range	24-1/2" TYP-	
13-1/2"		← Ç of Vent	ţ
51-1/2"			
38"		9" to 15-3/4"	
<u> </u>			
	68"		
© of Inlet—		ହୁ of optiona	al lov
		outlet conne	ction

)	<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 Female Thread Flanged	Size ☐ 2" ☐ 3" ☐ 4"
<b>3.</b>	TeleGlide Riser Options.  SR24 (2) - >6"-24"  LR24 (2) - >24"-39"  SR24 (4) - >39"-43"  SR24 (2) + LR24 (2) - >4  LR24 (4) - >58"-72"	3"-58"
١.	<b>Choose Additional Options.</b>	

## AK-1 - High Water Anchor Kit AVA-3 - Single Level Monitoring Package \*

AVA-4 - Multi-Level Monitoring Package \*

Flat tank bottom

Low outlet, 9"min to 15-3/4" max (Specify 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".

# **SECTION A-A**

**MODEL NUMBER:** BB-275

**DESCRIPTION:** 

POLYETHYLENE DECONTAMINATION **TANK 250 GALLON CAPACITY** 

ECO:

DWG BY: MJ **DATE**: 09/24/2019 **REV**: 0

**Striem** 3100 Brinkerhoff Kansas City, KS 66115 Tel: 913-222-1500

Fax: 913-291-0457 www.striemco.com

Made in the U.S.A



SHEET 1

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PROPRIETARY AND CONFIDENTIAL

#### 2. Choose Connection Types. **SPECIFICATIONS <u>Directions:</u>** Complete steps 1-4 and submit signed with purchase order. Liquid holding capacity: 250 Gallons Unit weight w/std. cover: 230 Pounds Inlet Size **Choose Connection Locations.** Highway rated composite cover: 16,000 lb. load rating. Plain End 4. Maximum operating temperature 140 °F continuous. Male Thread **NOTES** Flanged 1. For gravity drainage applications only. 6" min Do not use for pressure applications. 3/8" thick seamless medium density polyethylene walls. ☐ Vent Vent 3. Unit supplied with built-in adapters for up to 6" of adjustability. Additional risers available for deeper **Optional Outlet** Size burial depth. Plain End 4. Cover placement allows full access to tank for proper maintenance. Male Thread 33" 5. For on the-floor or buried applications. Flanged **ENGINEER SPECIFICATION GUIDE** Striem Bio Basin™ decontamination tank model BB-275 shall be lifetime guaranteed and Made in USA of seamless, ☐ Vent ☐ Vent rotationally-molded polyethylene with minimum 3/8" uniform Vent Size wall thickness. Tank shall be furnished with inlets, outlets, ☐ Plain End vents, cover, riser system, monitoring equipment and other modifications per jobsite-specific conditions and per Female Thread engineer's specification. Flanged **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS The BB-275 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. 3. TeleGlide Riser Options. The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been SR24 (2) - >6"-24" reviewed and sealed by a professional engineer registered in **LR24** (2) - >24"-39" the state of California. A sealed structural analysis report is Finished Grade **SR24** (4) - >39"-43" available upon request. **SR24** (2) + **LR24** (2) - >43"-58" **LR24** (4) - >58"-72" See options to determine available **Choose Additional Options.** ♥ of Inletdimension range Adjustable **→** ∅24-1/2" adapters-☐ **AK-1** - High Water Anchor Kit ■ AVA-3 - Single Level Monitoring Package \* Valve vault, vault 13-1/2" cover, and piping **AVA-4** - Multi-Level Monitoring Package \* by others Flat tank bottom 11-1/2" Q of Manual ball \*Monitoring packages will raise covers by 2-1/2". 51-1/2" Vent valve<sup>-</sup> 38"

Signature of Approval: Company: \_\_\_\_\_ Date of Approval: Specifying Engineer: \_\_\_\_\_

Deep structural

reinforcing columns

PO IS NON-CANCELABLE ORDER IS NON-RETURNABLE

**MODEL NUMBER:** BB-275

**DESCRIPTION:** 

**SECTION A-A** 

POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE 250 GALLON CAPACITY

DWG BY: MJ **DATE:** 09/24/2019 **REV:** 0 **ECO:** 

SHEET 2 **SPECIFICATION SHEET** 

**Striem** 3100 Brinkerhoff Tel: 913-222-1500 Fax: 913-291-0457 www.striemco.com

Valve support

stand provided

by Striem

Made in the U.S.A

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Tie-down point

for anchor kit

**Engineering Firm:** 

Kansas City, KS 66115

#### 2. Choose Connection Types. **SPECIFICATIONS <u>Directions:</u>** Complete steps 1-4 and submit signed with purchase order. Liquid holding capacity: 250 Gallons Unit weight w/std. cover: 230 Pounds Inlet Size **Choose Connection Locations.** Highway rated composite cover: 16,000 lb. load rating. Plain End 4. Maximum operating temperature 140 °F continuous. Male Thread **NOTES** Flanged 1. For gravity drainage applications only. 6" min Do not use for pressure applications. 3/8" thick seamless medium density polyethylene walls. ☐ Vent Vent 3. Unit supplied with built-in adapters for up to 6" of adjustability. Additional risers available for deeper **Optional Outlet** Size burial depth. Plain End 4. Cover placement allows full access to tank for proper maintenance. Male Thread 33" 5. For on the-floor or buried applications. Flanged **ENGINEER SPECIFICATION GUIDE** Striem Bio Basin™ decontamination tank model BB-275 shall be lifetime guaranteed and Made in USA of seamless, ☐ Vent ☐ Vent rotationally-molded polyethylene with minimum 3/8" uniform Vent Size wall thickness. Tank shall be furnished with inlets, outlets, ☐ Plain End vents, cover, riser system, monitoring equipment and other modifications per jobsite-specific conditions and per Female Thread engineer's specification. Flanged **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS The BB-275 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. 3. TeleGlide Riser Options. The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been SR24 (2) - >6"-24" reviewed and sealed by a professional engineer registered in **LR24** (2) - >24"-39" the state of California. A sealed structural analysis report is Finished Grade **SR24** (4) - >39"-43" available upon request. **SR24** (2) + **LR24** (2) - >43"-58" **LR24** (4) - >58"-72" See options to determine available **Choose Additional Options. ♀** of Inletdimension range Valve vault, vault Adjustable **→** Ø 24-1/2" cover, and piping adapters-AK-1 - High Water Anchor Kit by others ■ AVA-3 - Single Level Monitoring Package \* 13-1/2" **AVA-4** - Multi-Level Monitoring Package \* Electronically Flat tank bottom actuated valve-11-1/2" Q of \*Monitoring packages will raise covers by 2-1/2". 51-1/2" Vent 38" 1/2" FPT conduit connection

for anchor kit

SECTION A-A

CANCELABLE

ORDER IS NON-

RETURNABLE

Company: \_\_\_\_\_

Deep structural

reinforcing columns

Date of Approval:

Specifying Engineer: \_\_\_\_\_\_
Engineering Firm: \_\_\_\_\_

Signature of Approval:

Tie-down point

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PO IS NON
DESCRIPTION:

POLYETHYLENE DECONTAMINATION TANK WITH ELECTRONICALLY ACTUATED BALL VALVE 250 GALLON CAPACITY

BB-275

**DWG BY:** MJ **DATE:** 09/24/2019 **REV:** 0 **ECO:** 

**MODEL NUMBER:** 

SPECIFICATION SHEET

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

Valve box

provided by Striem

Made in the U.S.A



SHEET 3