SPECIFICATIONS

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

NOTES

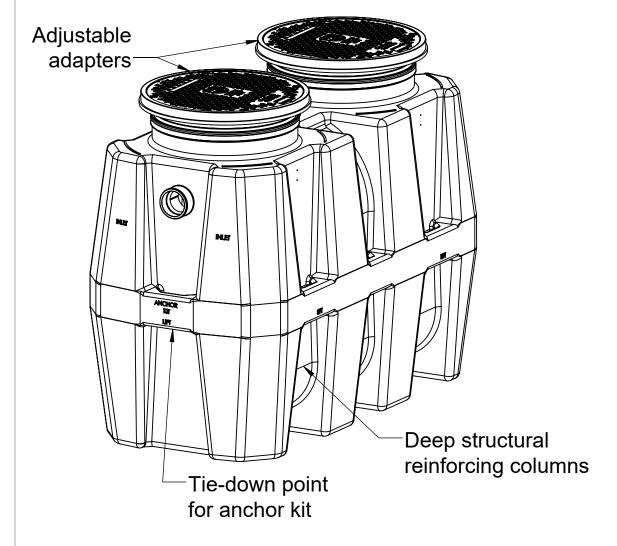
- For gravity drainage applications only. Do not use for pressure applications.
- 3/8" thick seamless medium density polyethylene walls.
- 3. Unit supplied with built-in adapters for up to 5" of adjustability. Additional risers available for deeper burial depth.
- 4. Cover placement allows full access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

ENGINEER SPECIFICATION GUIDE

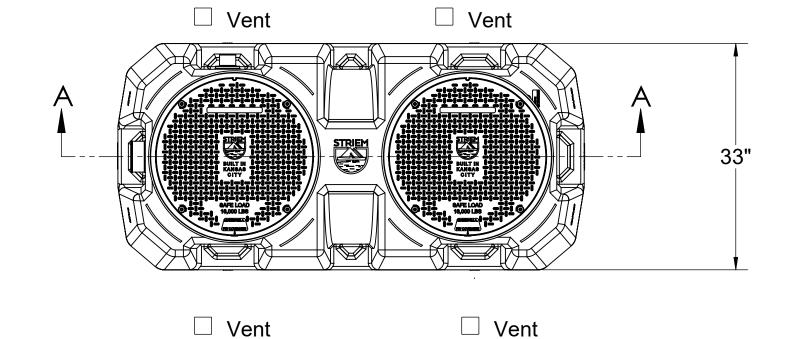
Striem Bio Basin™ decontamination tank model BB-275 shall be lifetime guaranteed and Made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Tank shall be furnished with inlets, outlets, vents, cover, riser system, monitoring equipment and other modifications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

THIRD PARTY STRUCTURAL ANALYSIS

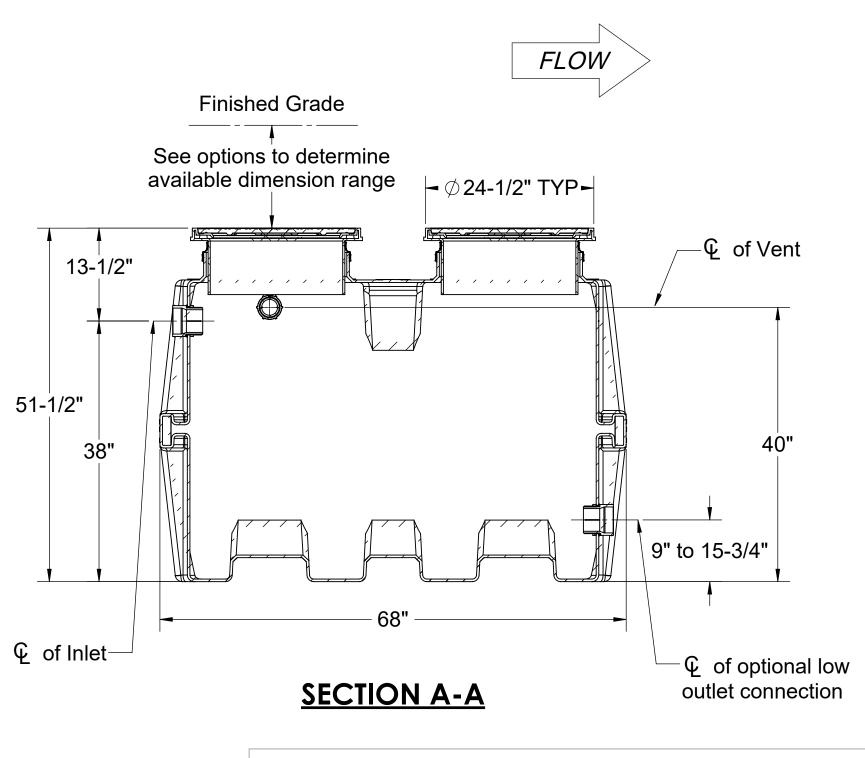
The BB-275 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been reviewed and sealed by a professional engineer registered in the state of California. A sealed structural analysis report is available upon request.



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



TOP VIEW



Choose Connection Types.	
Inlet	Size
☐ Plain End	□ 2"
Female Thread	□ 3"
☐ Flanged	☐ 4"
	☐ 6" (Female thread
	unavailable)
Optional Outlet	Size
☐ Plain End	□ 2"
Female Thread	□ 3"
☐ Flanged	4 "
	☐ 6" (Female thread
Vent	Size unavailable)
_	
☐ Plain End	□ 2"
Female Thread	□ 3"
☐ Flanged	□ 4"
. Riser Options.	
Included : 0" - 5"	
SR24 (2): >5" - 24"	

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"
 - OR -
- **CPRK** (2): >11" 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.

Choose Additional Options.

- HDK-2 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".

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-275

DESCRIPTION:

POLYETHYLENE DECONTAMINATION **TANK 250 GALLON CAPACITY**

DWG BY: MJ

DATE: 12/21/2020 **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

SHEET 1

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.

Choose Connection Types. SPECIFICATIONS Directions: Complete steps 1-4 and submit signed with purchase order. Liquid holding capacity: 250 Gallons Size Inlet Unit weight w/std. cover: 230 Pounds Plain End **Choose Connection Locations.** Highway rated composite cover: 16,000 lb. load rating. **3**" Female Thread 4. Maximum operating temperature 140°F continuous. **4"** Flanged **NOTES** 18" Min 6" (Female thread For gravity drainage applications only. Do not use for pressure applications. 3/8" thick seamless medium density polyethylene walls. Size Outlet □ Vent Vent 3. Unit supplied with built-in adapters for up to 5" of **2**" ☐ Plain End adjustability. Additional risers available for deeper Female Thread burial depth. 4" 4. Cover placement allows full access to tank Flanged for proper maintenance. 33" 5. For on the-floor or buried applications. **ENGINEER SPECIFICATION GUIDE** Vent **Size 2**" Plain End Striem Bio Basin™ decontamination tank model BB-275 shall be lifetime guaranteed and Made in USA of seamless, □ 3" Female Thread ☐ Vent ☐ Vent rotationally-molded polyethylene with minimum 3/8" uniform **4"** Flanged wall thickness. Tank shall be furnished with inlets, outlets, vents, cover, riser system, monitoring equipment and 3. Riser Options. other modifications per jobsite-specific conditions and per **Included**: 0" - 5" engineer's specification. **SR24** (2) : >5" - 24" **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS **LR24** (2) : >24" - 39" The BB-275 has been structurally analyzed in accordance with **SR24** (4): >39" - 43" the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. **SR24** (2) + **LR24** (2) : >43" - 58" The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been **LR24** (4): >58" - 72" reviewed and sealed by a professional engineer registered in **SR24** (2) + **LR24** (4) : >72" - 90" the state of California. A sealed structural analysis report is Finished Grade - OR available upon request. **CPRK** (2): >11" - 90" Corrugated Pipe Riser Kit. See options to Used in substitute of SR/LR riser options. determine available 18" diameter corrugated pipe by others. ♥ of Inletdimension range Adjustable See CPRK specification for more detail. **→** Ø 24-1/2" adapters **Choose Additional Options.** Valve vault, vault 13-1/2" cover, and piping HDK-2 - High Water Anchor Kit by others AVA-3 - Single Level Monitoring Package * 11-1/2" AVA-4 - Multi-Level Monitoring Package * Q of ☐ Flat tank bottom Manual ball 51-1/2" Vent valve-38" *Monitoring packages will raise covers by 2-1/2". 9"Q of Deep structural

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

reinforcing columns

PO IS NON-CANCELABLE ORDER IS NON-RETURNABLE

MODEL NUMBER: BB-275

Outlet

DESCRIPTION:

SECTION A-A

POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE 250 GALLON CAPACITY

DWG BY: MJ **DATE:** 12/21/2020 **REV:** 0 **ECO:** **SPECIFICATION SHEET**

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

SHEET 2

unavailable)

6" (Female thread

unavailable)

3"

Valve support

stand provided

by Striem

Made in the U.S.A

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PROPRIETARY AND CONFIDENTIAL

Tie-down point

for anchor kit

Choose Connection Types. SPECIFICATIONS <u>Directions:</u> Complete steps 1-4 and submit signed with purchase order. Liquid holding capacity: 250 Gallons Inlet Size Unit weight w/std. cover: 230 Pounds 2" **Choose Connection Locations.** Highway rated composite cover: 16,000 lb. load rating. 3" Female Thread 4. Maximum operating temperature 140°F continuous. **4"** Flanged **NOTES** 18" Min -6" (Female thread For gravity drainage applications only. Do not use for pressure applications. 3/8" thick seamless medium density polyethylene walls. Size Outlet 3. Unit supplied with built-in adapters for up to 5" of **2**" ☐ Plain End adjustability. Additional risers available for deeper 3" Female Thread burial depth. 4. Cover placement allows full access to tank Flanged for proper maintenance. 6" (Female thread 33" 5. For on the-floor or buried applications. Vent **Size ENGINEER SPECIFICATION GUIDE 2**" Plain End Striem Bio Basin™ decontamination tank model BB-275 3" shall be lifetime guaranteed and Made in USA of seamless, □ Female Thread ☐ Vent ☐ Vent rotationally-molded polyethylene with minimum 3/8" uniform **4"** Flanged wall thickness. Tank shall be furnished with inlets, outlets, vents, cover, riser system, monitoring equipment and 3. Riser Options. other modifications per jobsite-specific conditions and per **Included**: 0" - 5" engineer's specification. **SR24** (2) : >5" - 24" **TOP VIEW** THIRD PARTY STRUCTURAL ANALYSIS **LR24** (2) : >24" - 39" The BB-275 has been structurally analyzed in accordance with **SR24** (4) : >39" - 43" the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. **SR24** (2) + **LR24** (2) : >43" - 58" The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been **LR24** (4) : >58" - 72" reviewed and sealed by a professional engineer registered in **SR24** (2) + **LR24** (4) : >72" - 90" the state of California. A sealed structural analysis report is Finished Grade - OR available upon request. **CPRK** (2): >11" - 90" Corrugated Pipe Riser Kit. See options to Used in substitute of SR/LR riser options. determine available 18" diameter corrugated pipe by others. ♥ of Inletdimension range Adjustable Valve vault, vault See CPRK specification for more detail. **→** Ø 24-1/2" adapters cover, and piping **Choose Additional Options.** by others 13-1/2" Electronically HDK-2 - High Water Anchor Kit actuated valve-AVA-3 - Single Level Monitoring Package * 11-1/2" AVA-4 - Multi-Level Monitoring Package * Q of Flat tank bottom 51-1/2" Vent 38" *Monitoring packages will raise covers by 2-1/2". 1/2" FPT conduit connection 9"Q of Deep structural Outlet reinforcing columns Valve box Tie-down point provided for anchor kit by Striem

SECTION A-A

MODEL NUMBER:

SPECIFICATION SHEET

SHEET 3

Signature of Approval: Company: _____

Date of Approval:

Specifying Engineer: _____ **Engineering Firm:**

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RETURNABLE PROPRIETARY AND CONFIDENTIAL

PO IS NON-CANCELABLE **ORDER IS NON-** **DESCRIPTION:**

POLYETHYLENE DECONTAMINATION TANK WITH ELECTRONICALLY **ACTUATED BALL VALVE** 250 GALLON CAPACITY

DWG BY: MJ

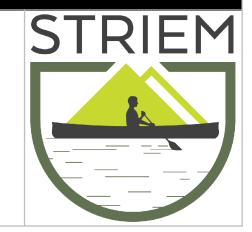
DATE: 12/21/2020 **REV:** 0 **ECO:**

BB-275

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

orders@striemco.com www.striemco.com

Made in the U.S.A



unavailable)

unavailable)