

*Quality People. Building Solutions.*

Comfort Systems USA (Arkansas), Inc.  
P.O. Box 16620  
Little Rock, AR 72231  
Phone 501-834-3320  
Fax 501-834-5416

**Date:** 2/21/2024

**Return Request:** 3/28/2024

**Project:** Little Rock West High School

**Supplier:** Sanders Supply

**Manufacturer:** Striem

**Submittal:** Plumbing (Neutralization Tank – Chemical Waste)

**Submittal Number:** 22 01 00-10

**Drawing # and Installation:** Plumbing Drawings

**ARCHITECT**

Lewis Architects Engineers  
11225 Huron Lane, Suite 104  
Little Rock, AR 72211  
501-223-9302

**ENGINEER**

Lewis Architects Engineers  
11225 Huron Lane, Suite 104  
Little Rock, AR 72211  
501-223-9302

**GENERAL CONTRACTOR**

Baldwin & Shell  
1000 W. Capitol Ave.  
Little Rock, AR 72201  
501-374-8677

**MECHANICAL SUBCONTRACTOR**

Comfort Systems USA (Arkansas), Inc.  
9924 Landers Rd.  
N. Little Rock, AR 72117  
501-834-3320

Notes:

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[chowell@comfortar.com](mailto:chowell@comfortar.com)

9924 Landers Rd.  
No. Little Rock, AR 72117

**NT-1**

## SPECIFICATIONS

1. Liquid holding capacity: 250 Gallons
2. Unit weight w/std. cover: 230 Pounds
3. Highway rated bolted composite cover.
4. Maximum operating temperature 140°F continuous.

## NOTES

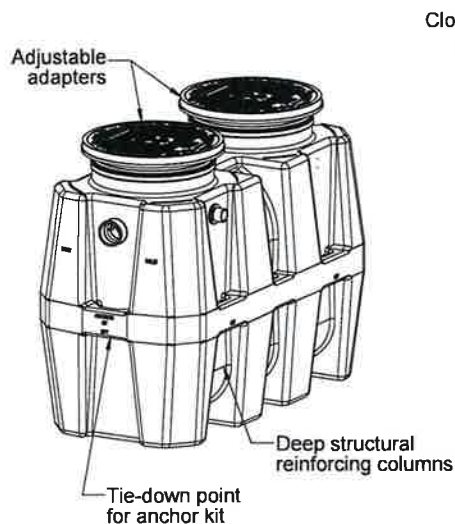
1. For gravity drainage applications only.  
Do not use for pressure applications.
2. 3/8" thick seamless medium density polyethylene walls.
3. Unit supplied with built-in adapter(s) for up to 5" of adjustability. Additional riser(s) available for deeper burial depth.
4. Cover placement allows full access to tank for proper maintenance.
5. Engineered inlet diffuser is removable to inspect/clean piping.
6. For on-the-floor or buried applications.

## ENGINEER SPECIFICATION GUIDE

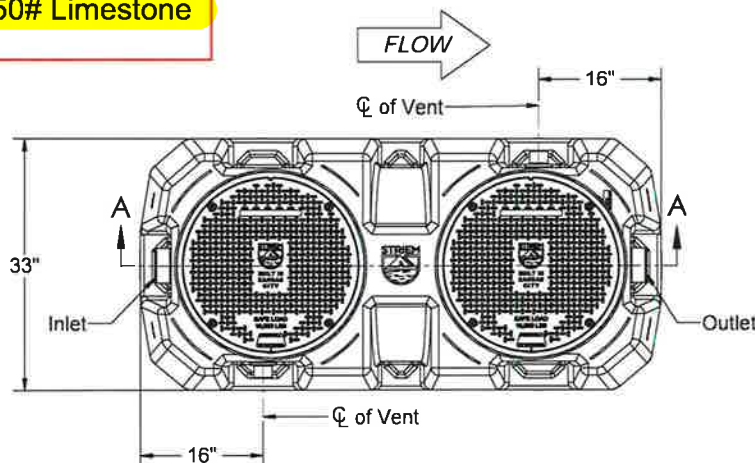
Striem Lab Basin™ neutralization tank model LB-275 shall be lifetime guaranteed and Made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Tank shall be furnished with inlets, outlets, (2) vent connections, cover, riser system, monitoring equipment and other modifications per jobsite-specific conditions and per engineer's specification.

## THIRD PARTY STRUCTURAL ANALYSIS

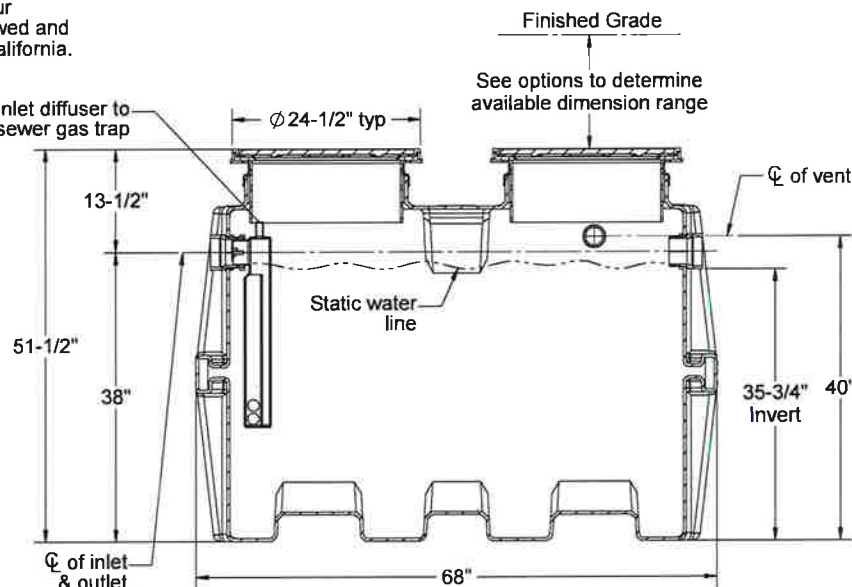
The LB-275 has been structurally analyzed in accordance with the requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The maximum burial depth and backfill material are specified in our installation instructions. The structural design has been reviewed and sealed by a professional engineer registered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



3150# Limestone



TOP VIEW



SECTION "A-A"

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

PROPRIETARY AND CONFIDENTIAL

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MODEL NUMBER: LB-275

DESCRIPTION:

LAB BASIN SERIES POLYETHYLENE  
CHEMICAL WASTE TANK

DWG BY: MJ DATE: 12/14/2020 REV: 02 ECO:

Directions: Complete steps 1-4 and submit signed with purchase order.

## 1. Choose Connection Types.

### Inlet / Outlet

- ☐ Plain End  
☐ Female Thread  
☐ Flanged

### Size

- ☐ 3"  
☐ 4"  
☐ 6" (Female Thread Not Available)

### Vent

☐ Plain End

### Size

- ☐ 2"  
☐ 3"

## 2. Diptube Location.

Diptube at: ☐ Inlet ☐ Outlet ☐ Both (Ohio Code)  
(Provided on inlet if not specified)

## 3. 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"

- 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.

## 4. Additional Options.

- ☐ CC-1 - Command Center pH Monitoring Package  
☐ SPK-A - Above Grade Sensor Placement Kit\*  
☐ SPK-B - Below Grade Sensor Placement Kit\*  
☐ HDK-2 - High Water Table Anchor Kit  
☐ 90%+ Calcium Carbonate Limestone (3,150 lbs.)

\*Required with CC-1

## SPECIFICATION SHEET

Striem  
3100 Brinkerhoff  
Kansas City, KS 64115  
Tel: 913-222-1500  
orders@striemco.com  
www.striemco.com

Made in the U.S.A

