

**SPECIFICATIONS**

1. 4" Plain End inlet/outlet, 2" Plain End vents.
2. Liquid holding capacity: 57 Gallons.
3. Unit weight: 92 lbs.
4. Composite cover: 2,000 lbs. capacity (standard).
5. Maximum operating temperature 140°F continuous.

**NOTES**

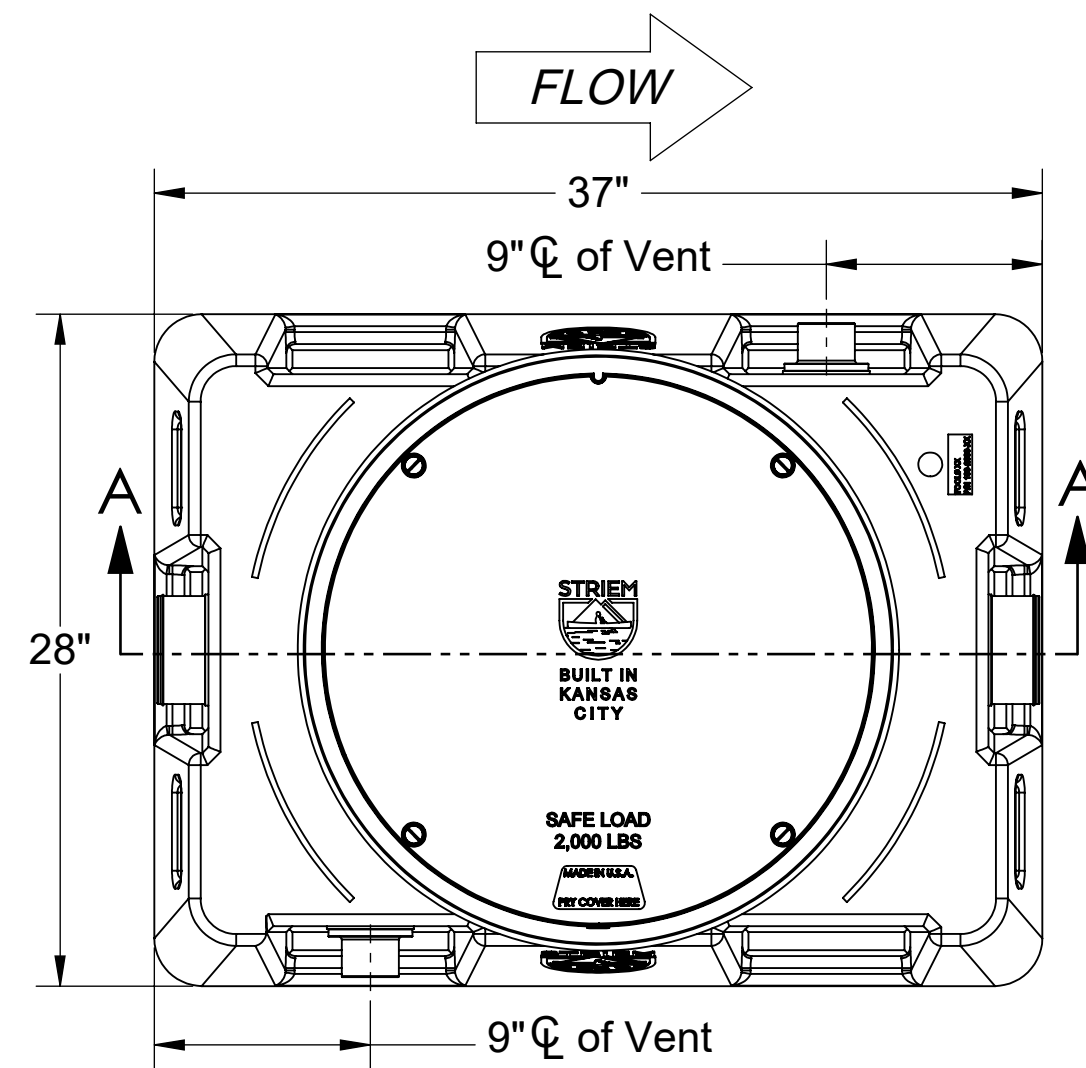
1. For gravity drainage applications only.
2. Do not use for pressure applications.
3. Cover placement allows full access to tank for proper maintenance.
4. Diptube is removable to inspect/clean piping.
5. For above- or below-grade installation.

**ENGINEER SPECIFICATION GUIDE**

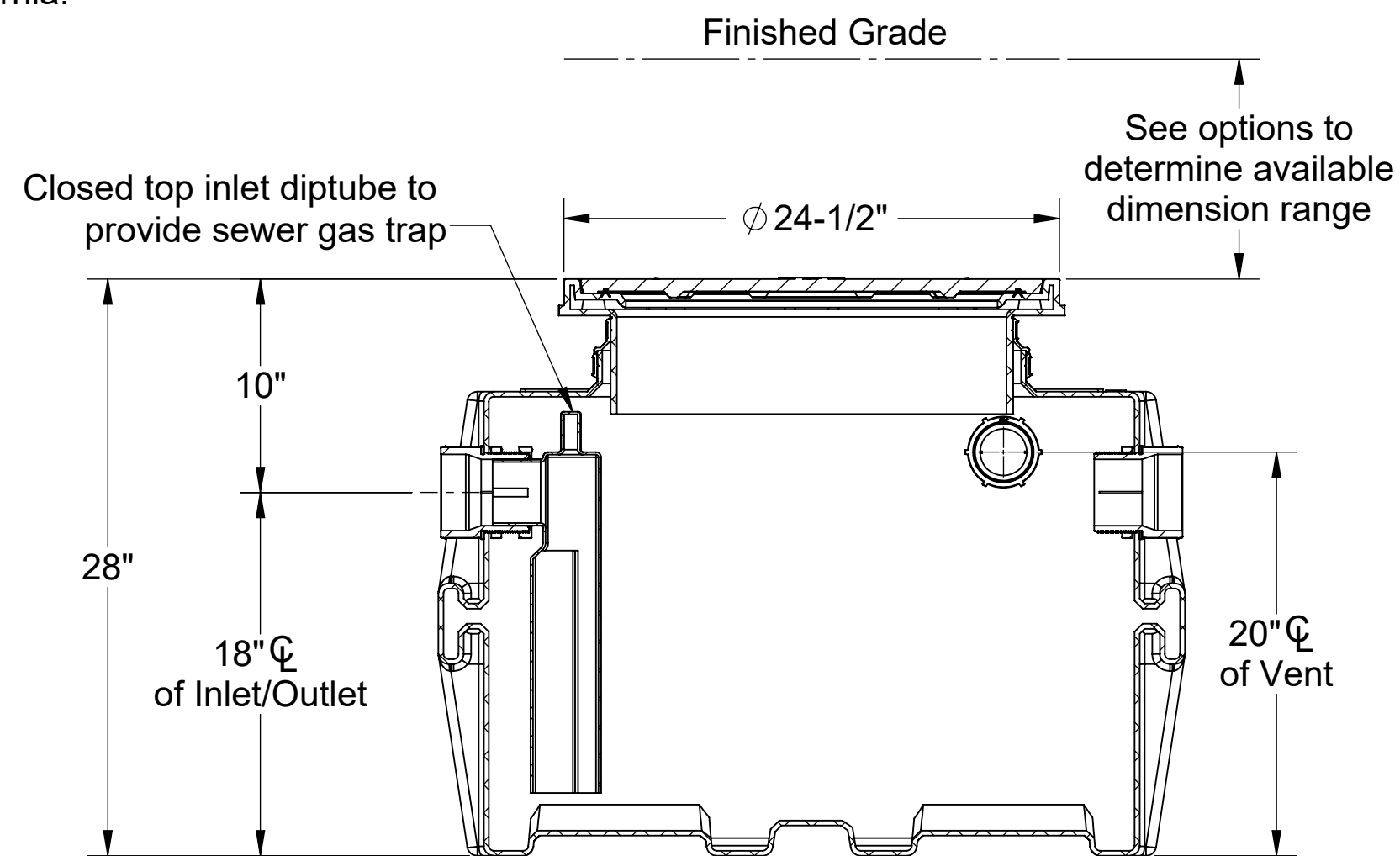
Striem Lab Basin™ neutralization tank model LB-50 shall be lifetime guaranteed and made in the USA. It shall be constructed of polyethylene with 3/8" nominal wall thickness. Tank shall be manufactured for above- or below-grade installation. Field-adjustable riser system is available as an option to bring cover to grade. Tank liquid holding capacity shall be 57 gallons. Cover shall provide water/gas-tight seal and have a maximum 2,000 lbs. load capacity.

**THIRD PARTY STRUCTURAL ANALYSIS**

The LB-50 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.



**TOP VIEW**



**SECTION A-A**

Directions: Select options & submit signed with purchase order.

**Connections**

- |  |                             |
|--|-----------------------------|
| <b>Inlet / Outlet</b>                  | <b>Size</b>                 |
| <input type="checkbox"/> Plain End     | <input type="checkbox"/> 2" |
| <input type="checkbox"/> Female Thread | <input type="checkbox"/> 3" |
|  | <input type="checkbox"/> 4" |
| <b>Vent</b>                            | <b>Size</b>                 |
| <input type="checkbox"/> Plain End     | <input type="checkbox"/> 2" |
|  | <input type="checkbox"/> 3" |

**Diptube Location**

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

**Riser Options**

- From factory: 0" - 5"**
- SR24:** 5" - 24"
- LR24:** 24" - 39"

**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 Hold Down Kit
- C24-H:** Highway rated bolted composite cover
- Limestone:** 90%+ Calcium Carbonate (650 lbs.)
- \*Required with CC-1

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

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

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<b>MODEL NUMBER:</b>	LB-50
<b>DESCRIPTION:</b>	LAB BASIN SERIES POLYETHYLENE CHEMICAL WASTE TANK
<b>DWG BY:</b>	ENG
<b>DATE:</b>	12/27/2022
<b>REV:</b>	1

**SPECIFICATION SHEET**

**Striem**  
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Made in the U.S.A

