

SPECIFICATIONS

- 1. Liquid holding capacity: 1500 gallons (200 cu. ft.).
- 2. Unit weight with composite cover: 1350 lbs.
- 3. Maximum operating temperature 140°F continuous.
- 4. Highway rated covers: 16,000 lb. load rating.

NOTES

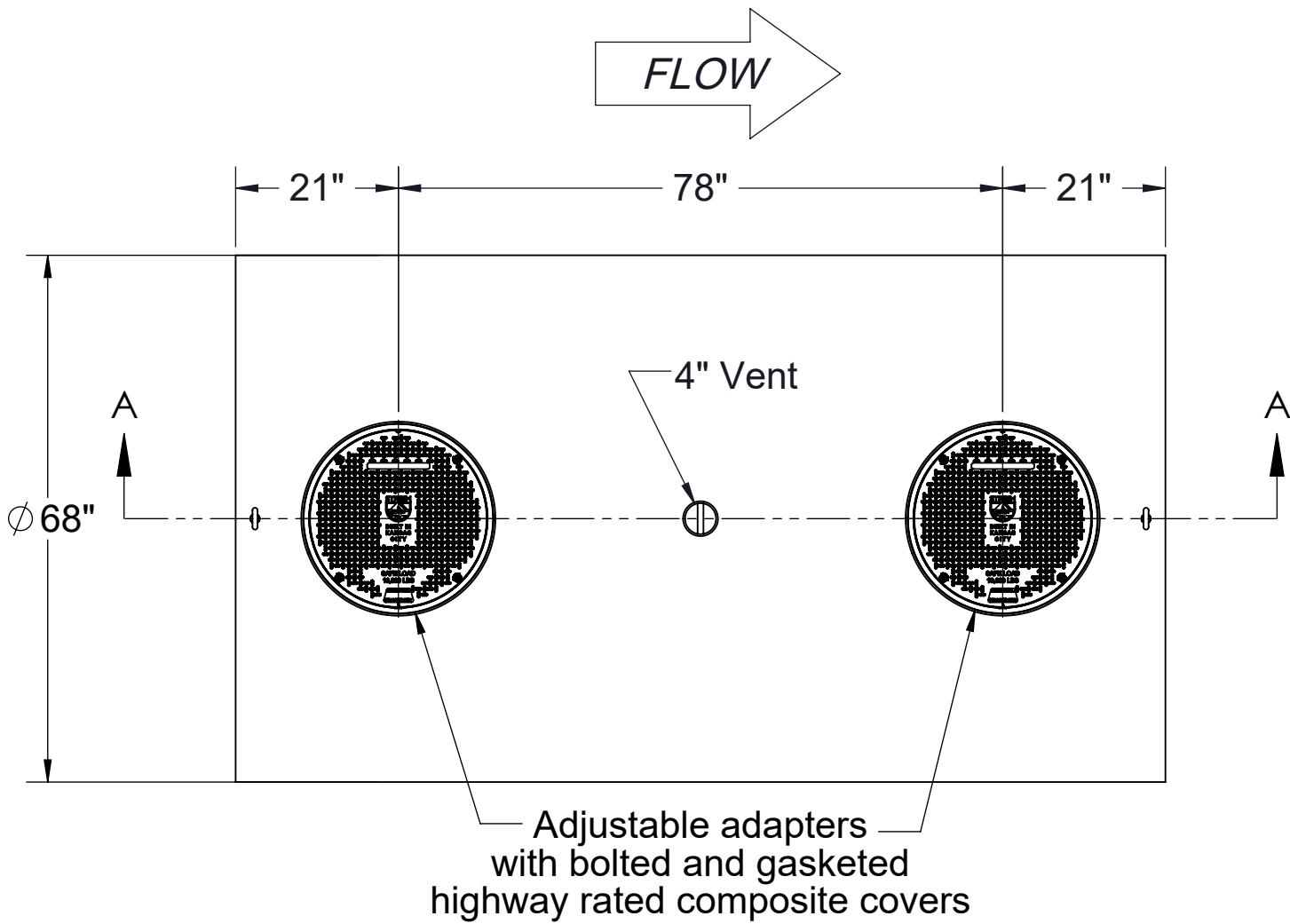
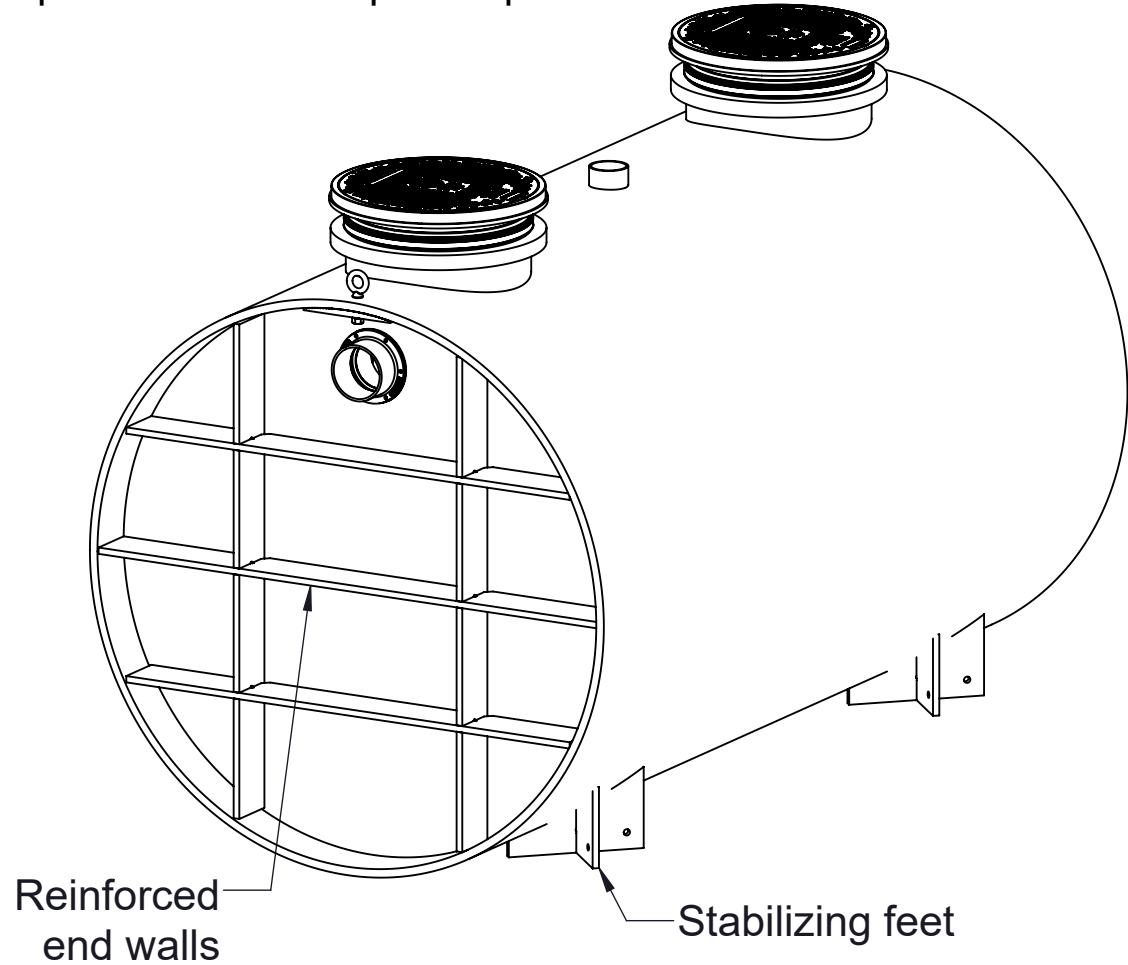
- 1. For gravity drainage applications only. Do not use for pressure applications.
- 2. 7/8" thick seamless High Density Polyethylene.
- 3. Unit supplied with built-in adapter for up to 5" of adjustability. Additional riser(s) available for deeper burial depth.
- 4. Cover placement allows full access to tank for proper maintenance.
- 5. For buried applications.
- 6. Lifting lug set for easy install.

ENGINEER SPECIFICATION GUIDE

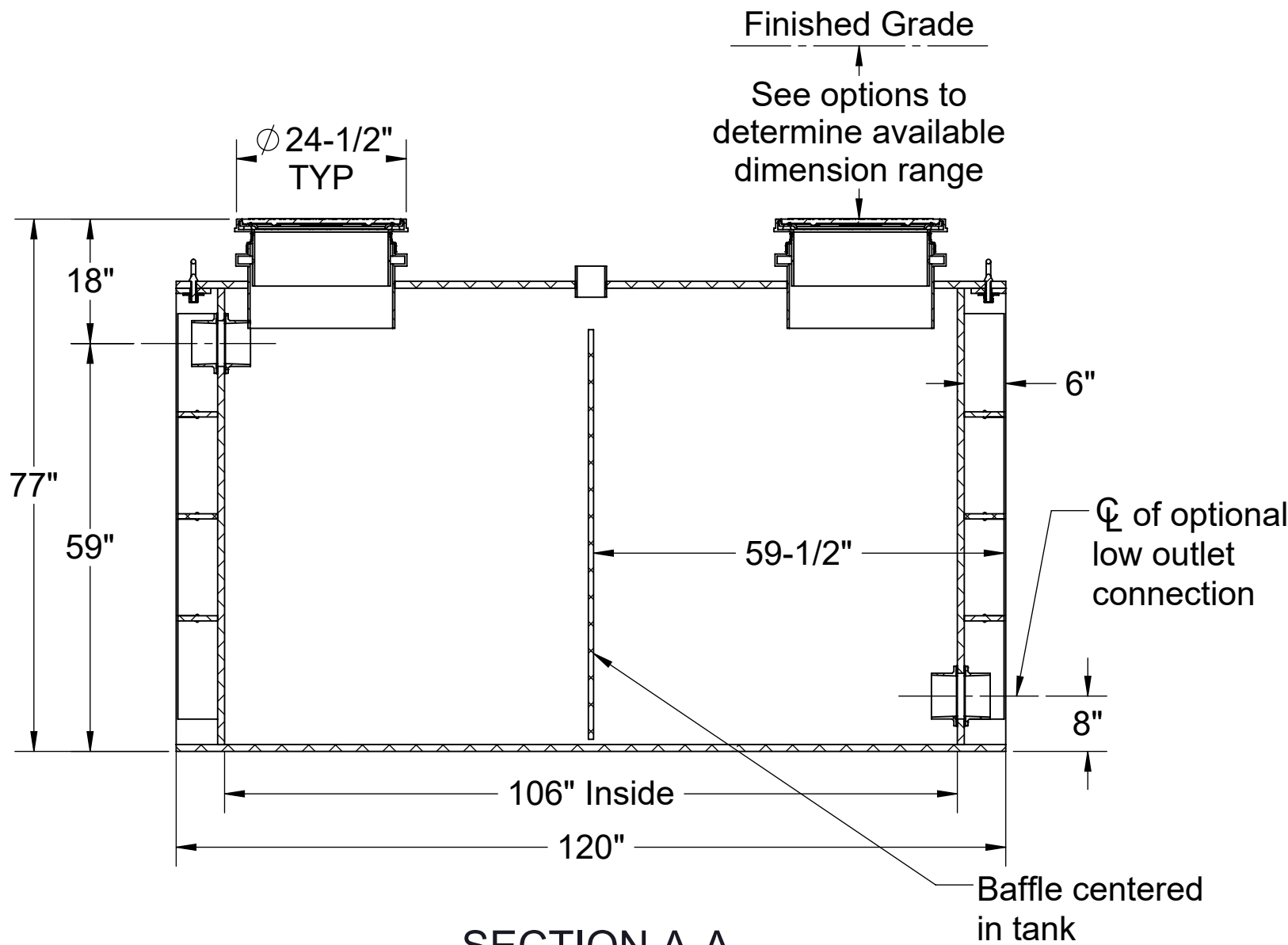
Striem Bio Basin model BB-1500 shall be lifetime guaranteed and made in USA of seamless, molded High Density Polyethylene with minimum 7/8" uniform wall thickness. Tank shall be furnished for below grade installation with field adjustable riser system. Cover shall provide water/gas-tight seal and have a maximum 16,000 lbs load rating.

THIRD PARTY STRUCTURAL ANALYSIS

The BB-1500 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: Complete steps 1-3 and submit signed with purchase order.

1. Choose Connection Types.

- |  |   |
|--|---|
| <b>Inlet</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"/> Flanged       | <input type="checkbox"/> 4"                             |
|  | <input type="checkbox"/> 6" (Female thread unavailable) |
| <b>Optional 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"/> Flanged       | <input type="checkbox"/> 4"                             |
|  | <input type="checkbox"/> 6" (Female thread unavailable) |
| <b>Vent</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"/> Flanged       | <input type="checkbox"/> 4"                             |

2. 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"
  - ☐ **LR24** (6) : >90" - 106"
- OR -**
- ☐ **CPRK** (2) : >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.

3. Choose Additional Options.

- ☐ **HDK-1** - High Water Table Hold Down Kit
- ☐ **AVA-3** - Single Level Monitoring Package \*
- ☐ **AVA-4** - Multi-Level Monitoring Package \*
- 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-1500	
DESCRIPTION:  POLYETHYLENE DECONTAMINATION TANK 1500 GALLON CAPACITY	
DWG BY: MJ	DATE: 12/15/2020 REV: 0 ECO:

# SHEET 1

## 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

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.

SPECIFICATIONS

- 1. Liquid holding capacity: 1500 gallons (200 cu. ft.).
- 2. Unit weight with composite cover: 1350 lbs.
- 3. Maximum operating temperature 140°F continuous.
- 4. Highway rated covers: 16,000 lb. load rating.

NOTES

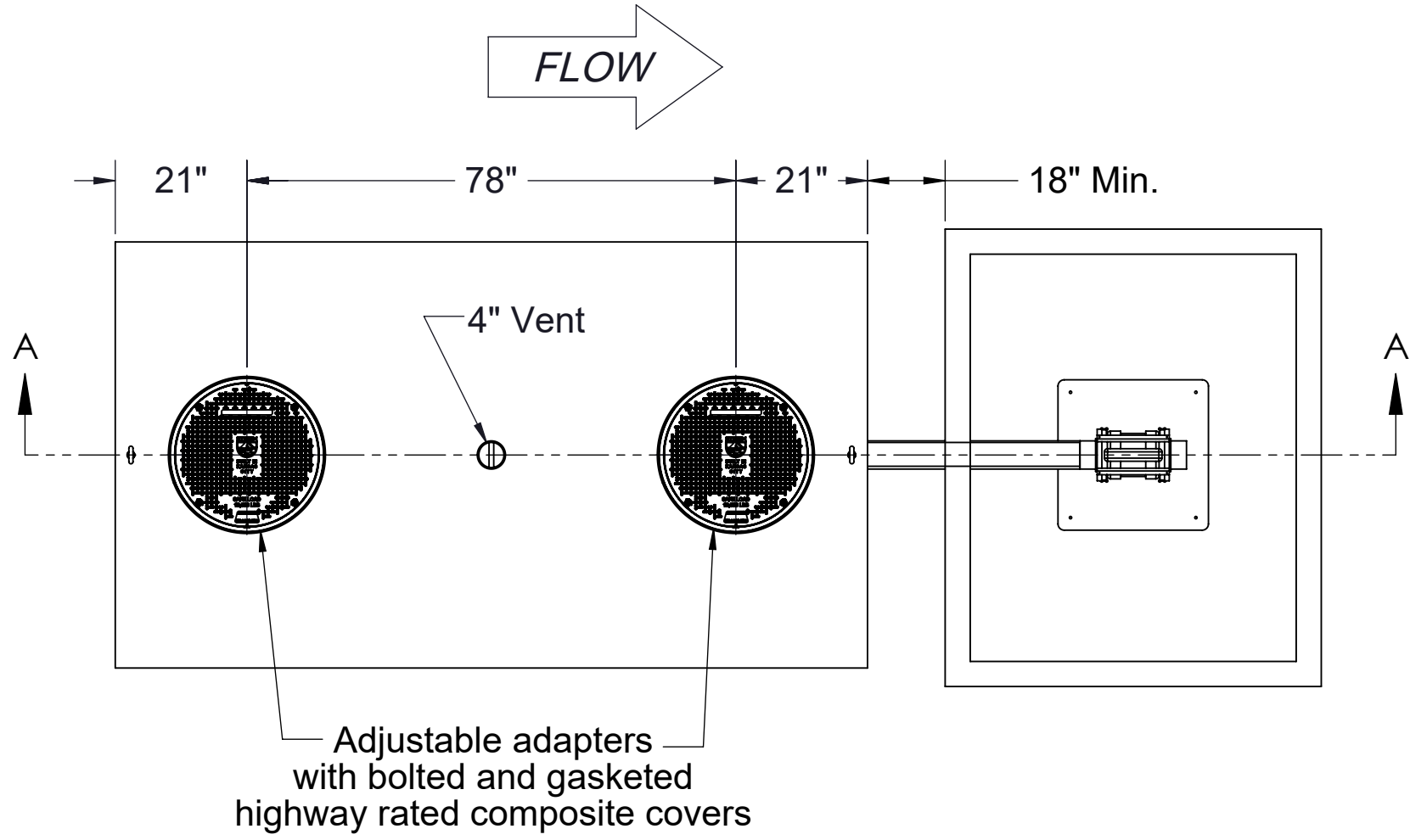
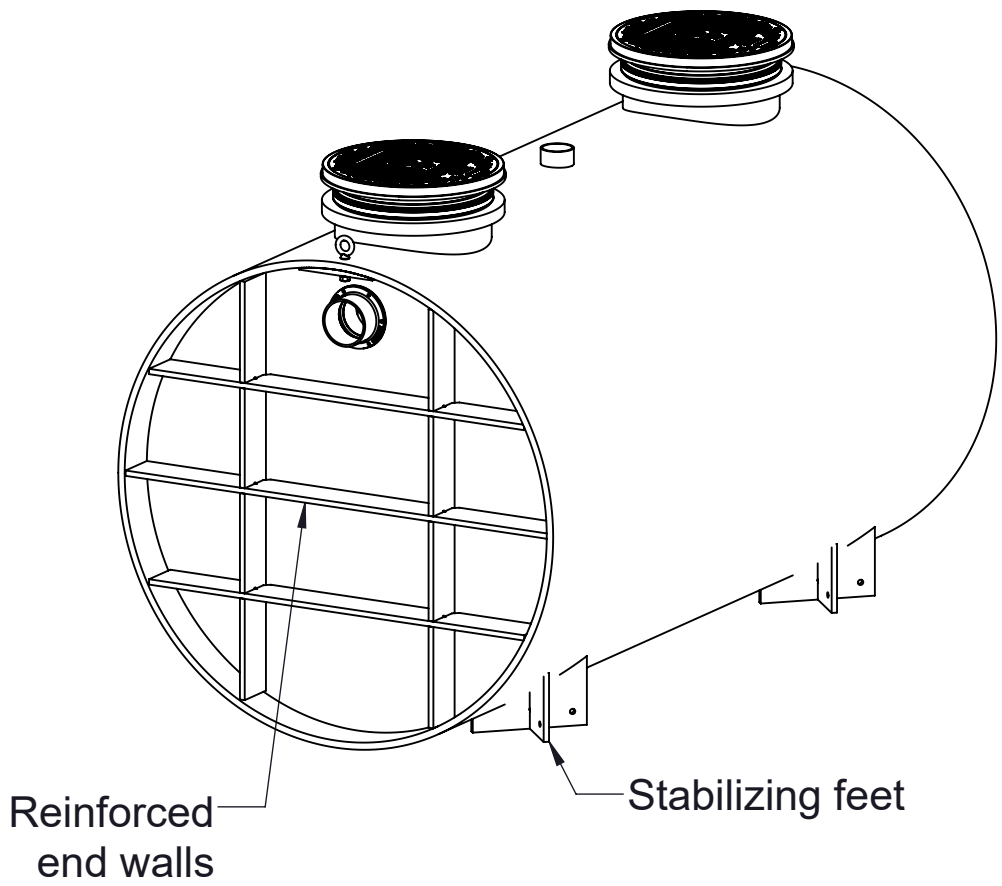
- 1. For gravity drainage applications only. Do not use for pressure applications.
- 2. 7/8" thick seamless High Density Polyethylene.
- 3. Unit supplied with built-in adapter for up to 5" of adjustability. Additional riser(s) available for deeper burial depth.
- 4. Cover placement allows full access to tank for proper maintenance.
- 5. For buried applications.
- 6. Lifting lug set for easy install.

ENGINEER SPECIFICATION GUIDE

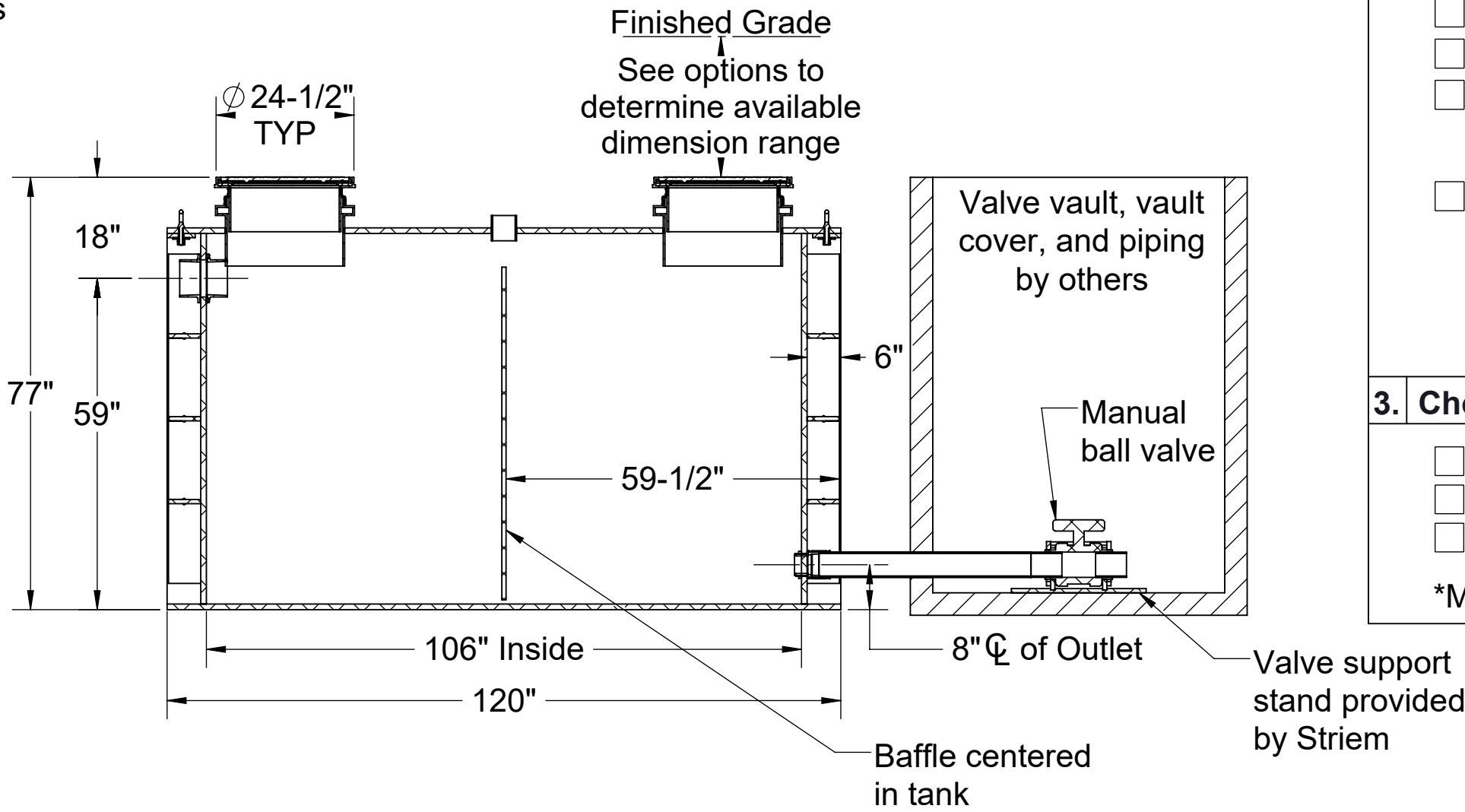
Striem Bio Basin model BB-1500 shall be lifetime guaranteed and made in USA of seamless, molded High Density Polyethylene with minimum 7/8" uniform wall thickness. Tank shall be furnished for below grade installation with field adjustable riser system. Cover shall provide water/gas-tight seal and have a maximum 16,000 lbs load rating.

THIRD PARTY STRUCTURAL ANALYSIS

The BB-1500 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: Complete steps 1-3 and submit signed with purchase order.

1. Choose Connection Types.

Inlet	Size
<input type="checkbox"/> Plain End	<input type="checkbox"/> 2"
<input type="checkbox"/> Female Thread	<input type="checkbox"/> 3"
<input type="checkbox"/> Flanged	<input type="checkbox"/> 4"
	<input type="checkbox"/> 6" (Female thread unavailable)

Outlet	Size
<input type="checkbox"/> Plain End	<input type="checkbox"/> 2"
<input type="checkbox"/> Female Thread	<input type="checkbox"/> 3"
<input type="checkbox"/> Flanged	<input type="checkbox"/> 4"
	<input type="checkbox"/> 6" (Female thread unavailable)

Vent	Size
<input type="checkbox"/> Plain End	<input type="checkbox"/> 2"
<input type="checkbox"/> Female Thread	<input type="checkbox"/> 3"
<input type="checkbox"/> Flanged	<input type="checkbox"/> 4"

2. Riser Options.

**Included : 0" - 5"**

☐ **SR24** (2) : >5" - 24"

☐ **LR24** (2) : >24" - 39"

☐ **SR24** (4) : >39" - 43"

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**- OR -**

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3. Choose Additional Options.

☐ **HDK-1** - High Water Table Hold Down Kit

☐ **AVA-3** - Single Level Monitoring Package \*

☐ **AVA-4** - Multi-Level Monitoring Package \*

\*Monitoring packages will raise covers by 2-1/2".

Signature of Approval: \_\_\_\_\_

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

Date of Approval: \_\_\_\_\_

Specifying Engineer: \_\_\_\_\_

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PO IS NON-CANCELABLE  
ORDER IS NON-RETURNABLE

MODEL NUMBER: BB-1500	
DESCRIPTION:  POLYETHYLENE DECONTAMINATION TANK WITH MANUAL BALL VALVE 1500 GALLON CAPACITY	
DWG BY: MJ	DATE: 12/15/2020 REV: 0 ECO:

## SHEET 2

# SPECIFICATION SHEET

**Striem**  
3100 Brinkerhoff  
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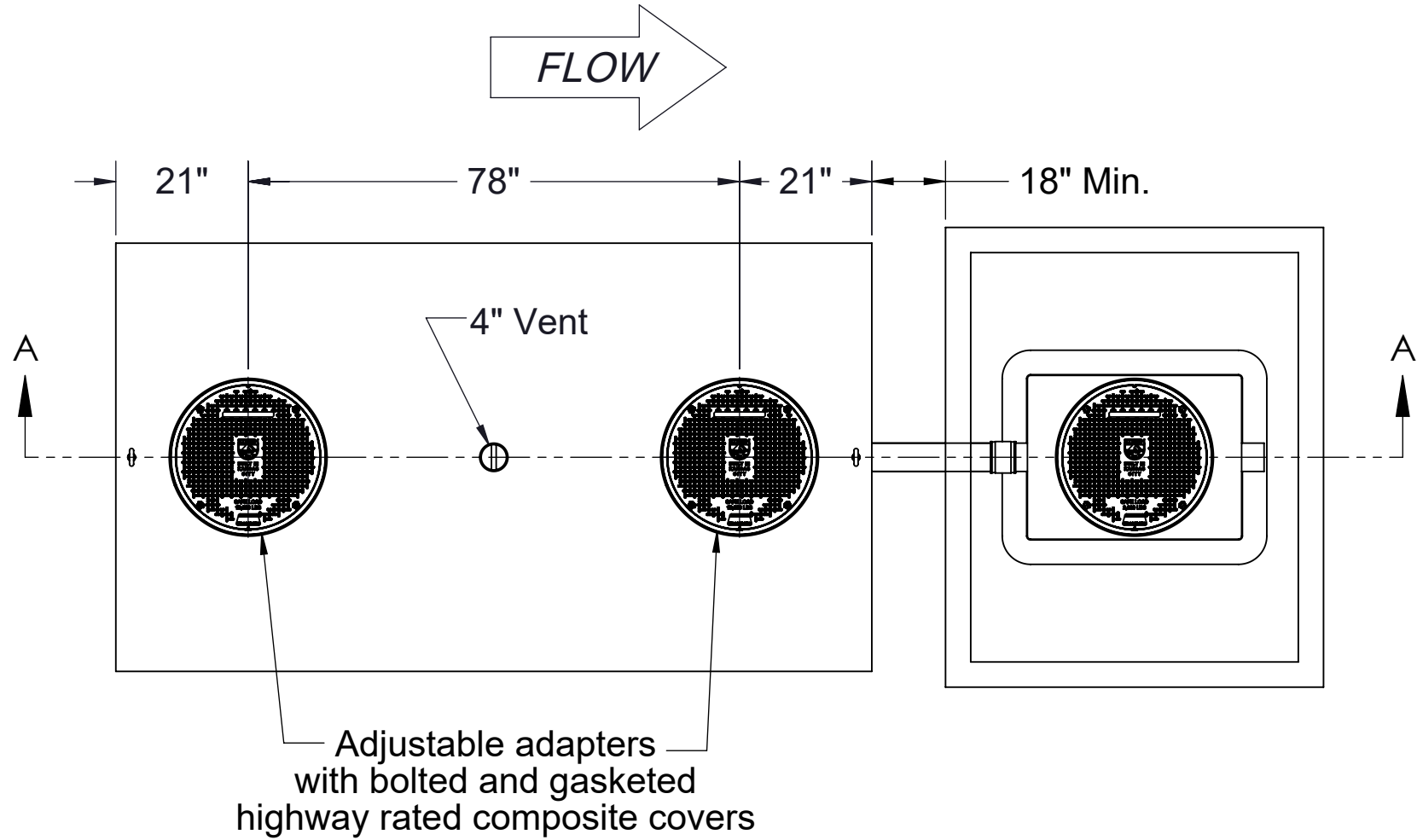
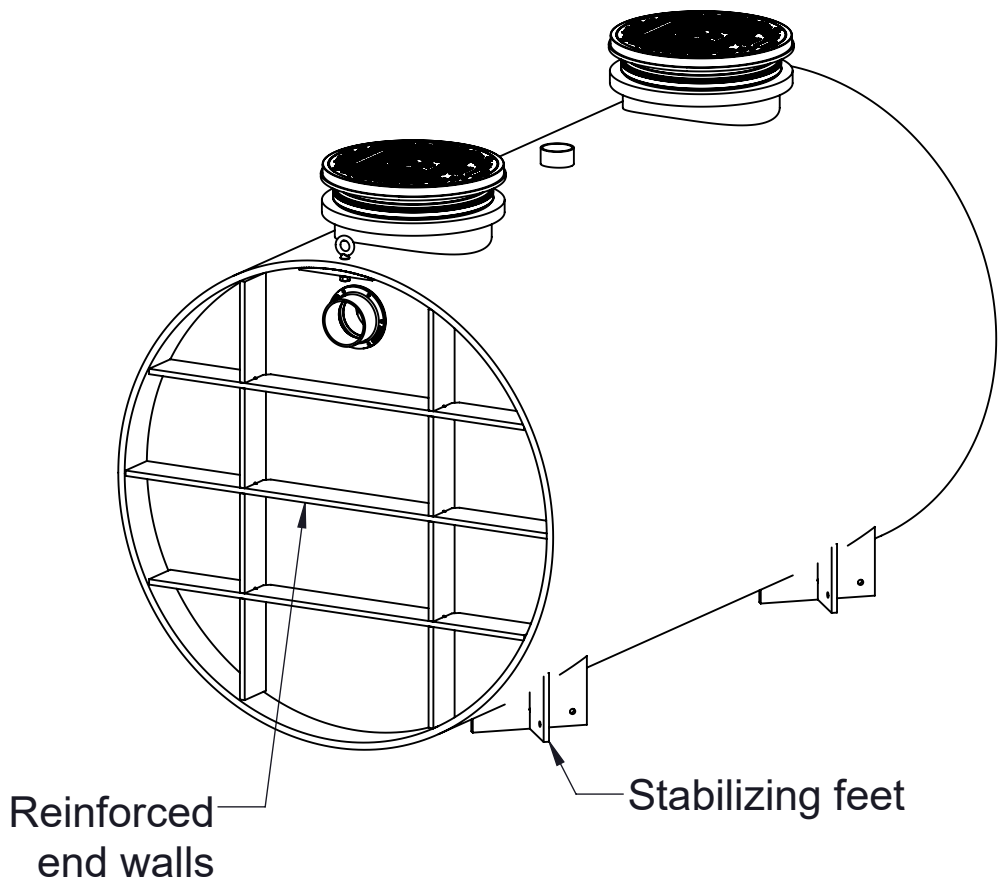
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ENGINEER SPECIFICATION GUIDE

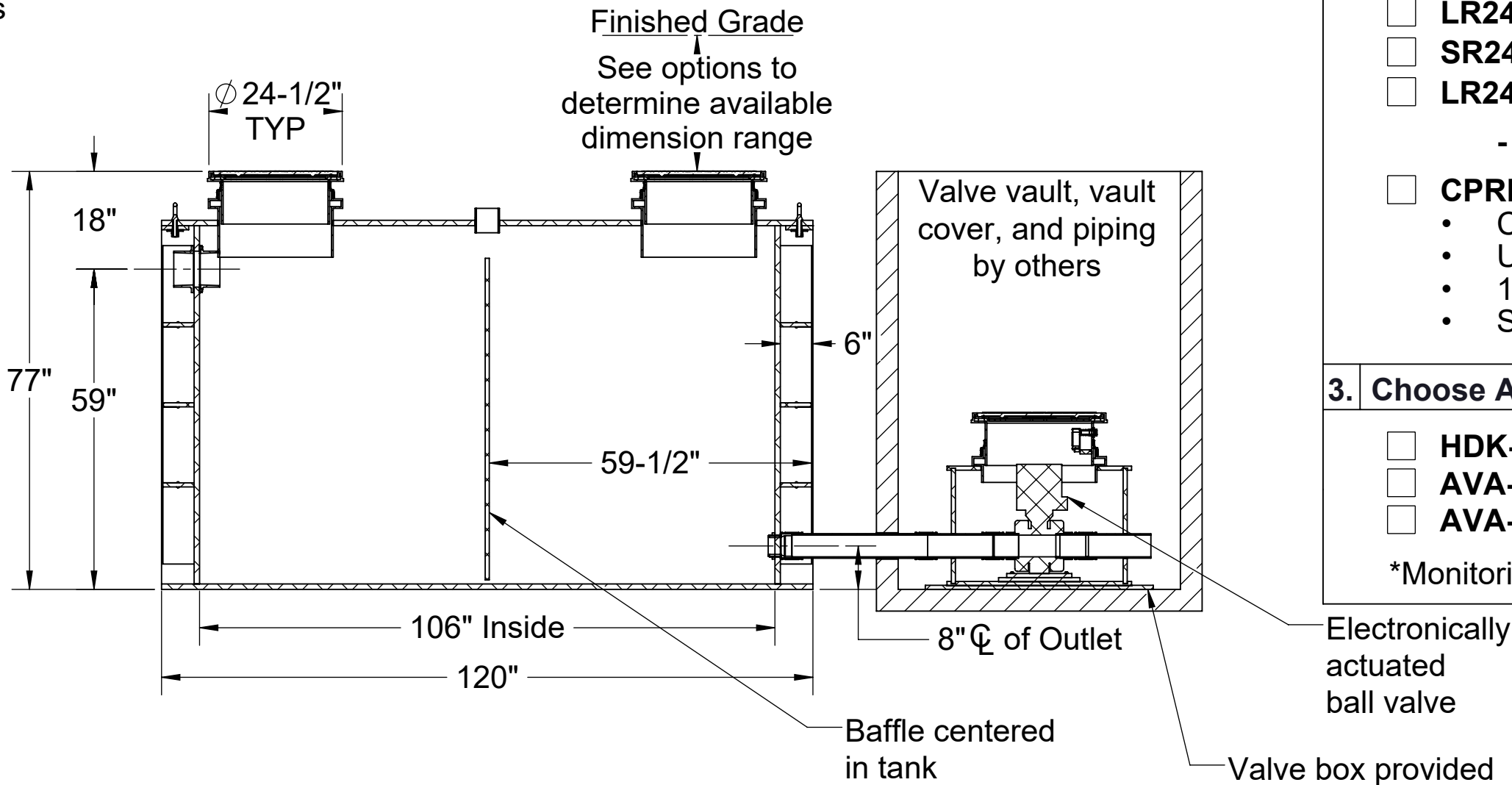
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TOP VIEW



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Date of Approval: \_\_\_\_\_

Specifying Engineer: \_\_\_\_\_

Engineering Firm: \_\_\_\_\_

PROPRIETARY AND CONFIDENTIAL

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ORDER IS NON-RETURNABLE

<b>MODEL NUMBER:</b>		BB-1500	
<b>DESCRIPTION:</b>			
POLYETHYLENE DECONTAMINATION TANK WITH ELECTRONICALLY ACTUATED BALL VALVE 1500 GALLON CAPACITY			
<b>DWG BY:</b> MJ	<b>DATE:</b> 12/15/2020	<b>REV:</b> 0	<b>ECO:</b>

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