SPECIFICATIONS

1. Max flow rate: 314 GPM
2. Liquid capacity: 750 Gallons (100 cu. ft.)
3. Oil capacity: 401 Gallons
4. Solids/sediment capacity: 307 Gallons
5. Unit weight w/std. covers: 1200 lbs.
6. Highway traffic load rated, bolted, gas/water tight composite covers. (16,000 lbs)
7. Maximum operating temperature 140˚F continuous.

NOTES

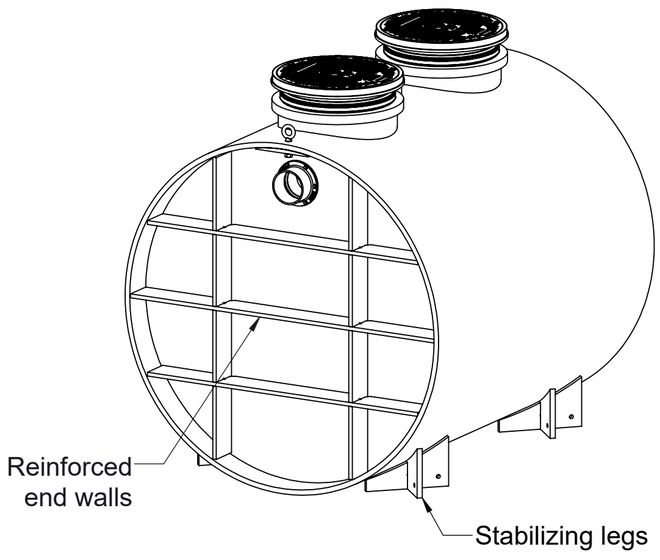
1. 1" thick high density polyethylene walls.
2. Unit supplied with built-in adapter(s) for up to 6" of adjustability. Additional riser(s) available for deeper burial depth.
3. For buried applications.
4. Lifting lug set included for easy install.

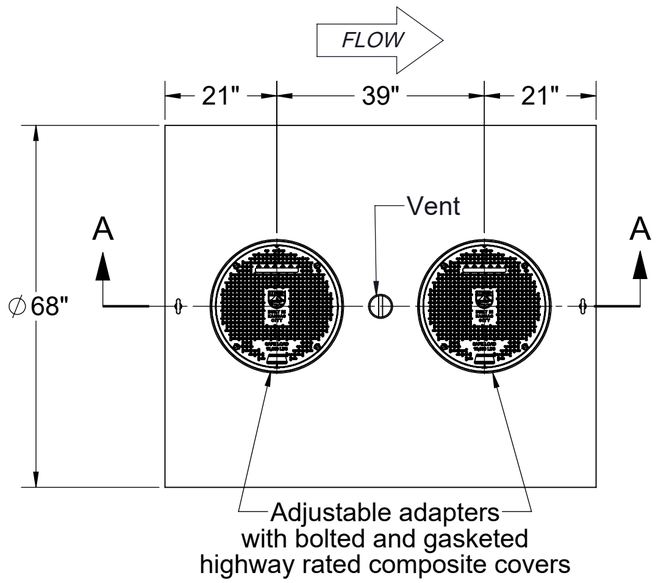
ENGINEER SPECIFICATION GUIDE

Striem oil separator model OS-750 shall be lifetime guaranteed and made in USA of High Density Polyethylene with minimum 1" uniform wall thickness. Separator shall be furnished for below grade installation with field adjustable riser system. Separator flow rate shall be 314 GPM. Separator oil capacity shall be 401 gallons. Sand capacity shall be 307 gallons. Cover shall provide water/gas-tight seal and have a maximum 16,000 lbs load capacity.

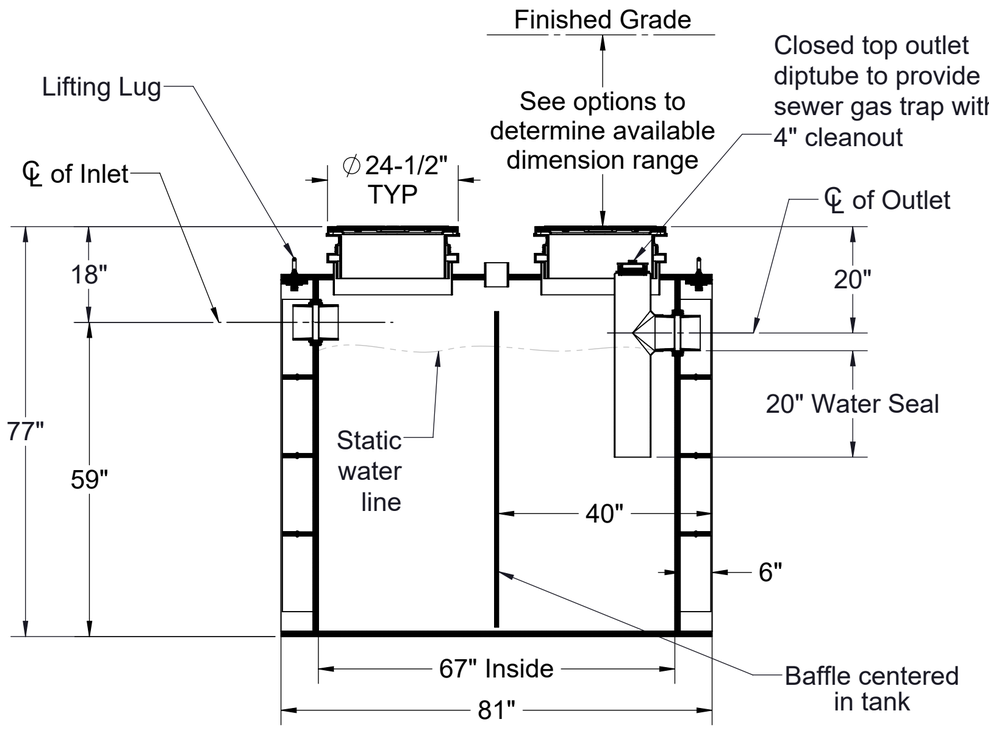
THIRD PARTY STRUCTURAL ANALYSIS

The OS-750 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 / Outlet

- ☐ Plain End
- ☐ Female Thread
- ☐ Flanged

Size

- ☐ 4"
- ☐ 6" (Female Thread Not Available)
- ☐ 8" (Only Plain End Available)

Vent

- ☐ Plain End
- ☐ Female Thread
- ☐ Flanged

Size

- ☐ 2"
- ☐ 3"
- ☐ 4"

2. TeleGlide Riser Options.

- ☐ **SR24** (2) - >6"-24"
- ☐ **LR24** (2) - >24"-39"
- ☐ **SR24** (4) - >39"-43"
- ☐ **SR24** (2) + **LR24** (2) - >43"-58"
- ☐ **LR24** (4) - >58"-72"

3. Choose Additional Options.

- ☐ **C24-HP** (2) - H20 Rated Pickable Cast Iron Covers
- ☐ **CS3** - Clean Sweep Coalescing Media (single)
- ☐ **CS6** - Clean Sweep Coalescing Media (double)
- ☐ **HDK-1** - High Water Table Hold Down Kit
- ☐ **SS** - Slick Stick™ Oil Level Monitoring System*

*Monitoring system will raise covers by 2-1/2". Not available with CS6. For more information, see OS-750-SS specification package.

Signature of Approval: _____

Company: _____

Date of Approval: _____

Specifying Engineer: _____

Engineering Firm: _____

PO IS NON-CANCELABLE ORDER IS NON-RETURNABLE

PROPRIETARY AND CONFIDENTIAL

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MODEL NUMBER: OS-750

DESCRIPTION:

POLYETHYLENE OIL SEPARATOR
314 GPM
750 GALLON CAPACITY

DWG BY:	DATE:	REV:	ECO:
MJ	07/25/2019	0	

SPECIFICATION SHEET

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www.striemco.com

Made in the U.S.A