

SPECIFICATIONS

- 1. 4" Plain End inlet/outlet, 4" Plain End vents, C24-H covers standard.
- 2. Max flow rate: 100 GPM.
- 3. Liquid capacity: 250 gallons (33.4 cu. ft.)
- 4. Oil capacity: 50 gallons.
- 5. Solids capacity: 160 gallons.
- 6. Unit weight w/ standard covers: 225 lbs.; w/ cast iron covers: 345 lbs.
- 7. Maximum operating temperature 140°F continuous.

NOTES

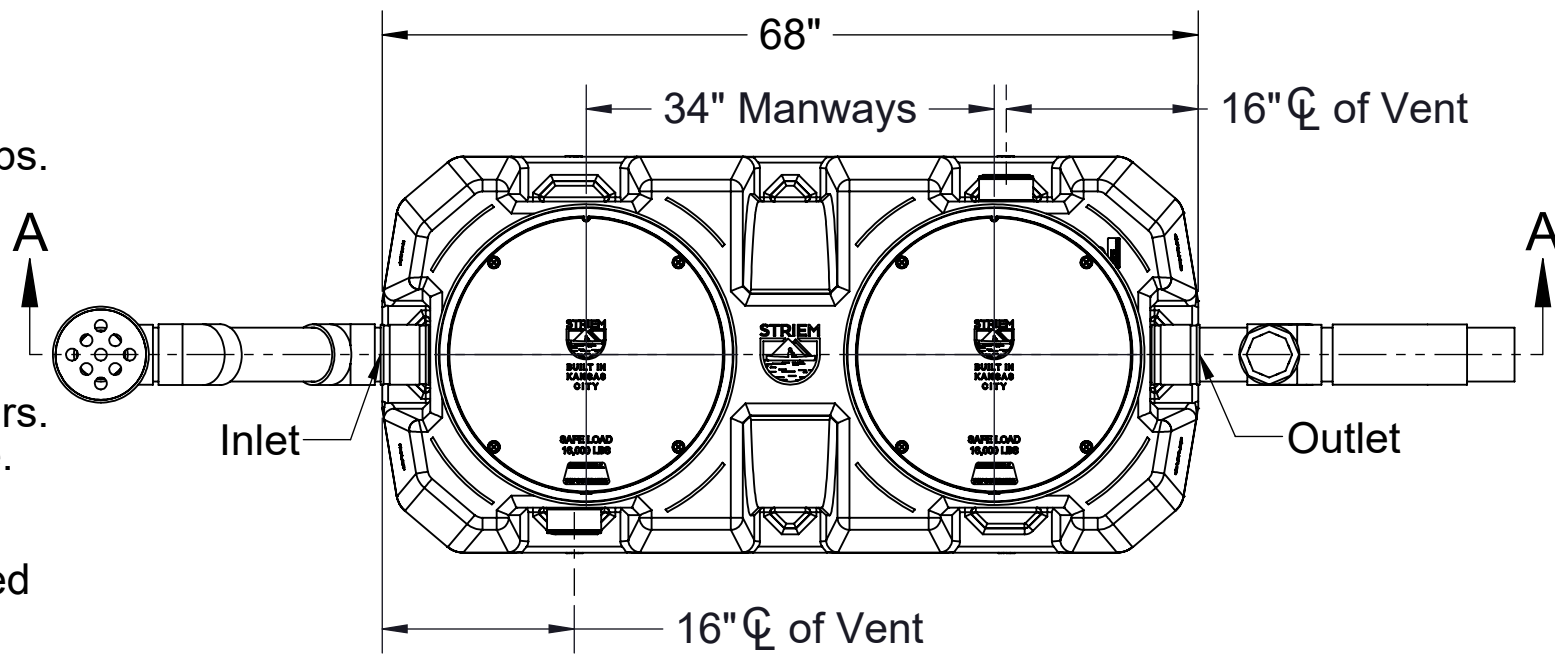
- 1. For gravity drainage applications only.
- 2. Do not use for pressure applications.
- 3. Narrow footprint allows clearance through doorways and down stairs.
- 4. Cover placement allows full access to tank for proper maintenance.

ENGINEER SPECIFICATION GUIDE

Striem oil separator model OS-100-OMAHA shall be lifetime guaranteed and made in the USA. Separator shall be constructed of polyethylene. Separator shall be manufactured for above- or below-grade installation, Field-adjustable riser system is available as an option to bring manhole covers to grade. Separator flow rate shall be 100 GPM. Separator liquid holding capacity shall be 250 gallons and oil capacity shall be 50 gallons. Solids capacity shall be 160 gallons. Covers shall provide water/gas-tight seal and have a maximum 16,000 lbs load capacity.

THIRD PARTY STRUCTURAL ANALYSIS

The OS-100-OMAHA 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

OPTIONS

Connection Options

Inlet / Outlet

- ☐ Plain End
- ☐ Male Thread

Riser Options

From Factory: Up to 5"

- ☐ Up to 24": SR24 (2)
- ☐ Up to 39": LR24 (2)
- ☐ Up to 43": SR24 (4)
- ☐ Up to 58": SR24 (2) + LR24 (2)
- ☐ Up to 72": LR24 (4)
- ☐ Up to 90": SR24 (2) + LR24 (4)

-OR-

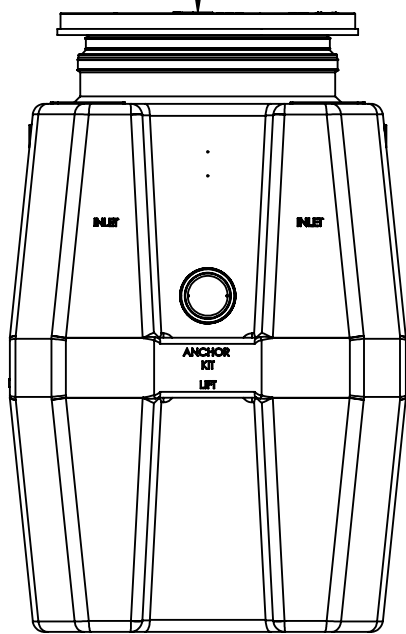
- ☐ CPRK (2): 11" - 90" (See specification for more detail.)

Additional Options

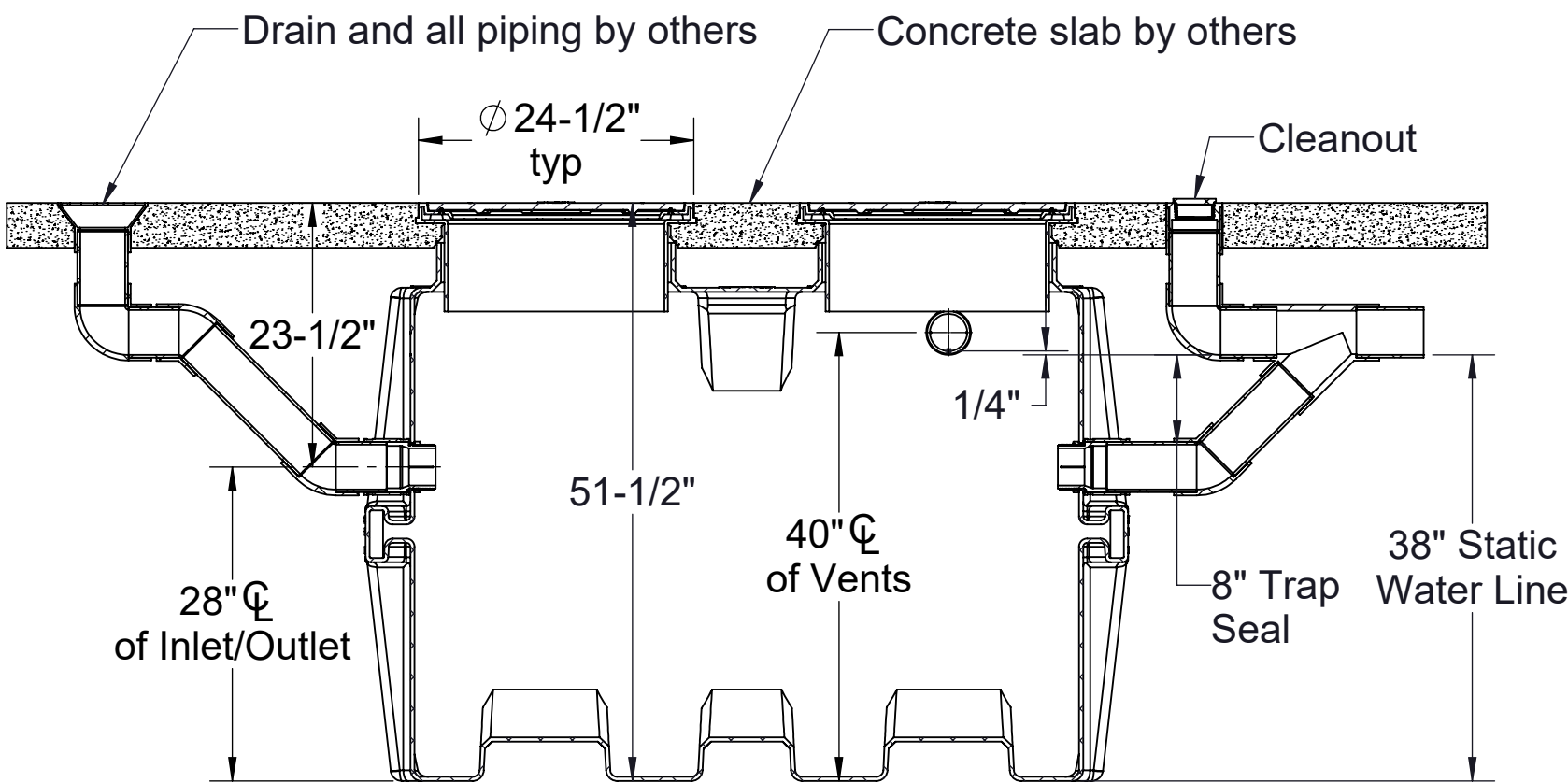
- ☐ HDK-2: High Water Table Hold Down Kit
- ☐ CC24 (2): Integral Membrane Clamping Collar Kit
- ☐ C24-HP (2): H20 Rated Pickable Cast Iron Cover
- ☐ CS3: Clean Sweep™ Coalescing Media (single)*
- ☐ CS6: Clean Sweep Coalescing Media (double)*

*Clean Sweep Coalescing Media not compatible with CPRK.

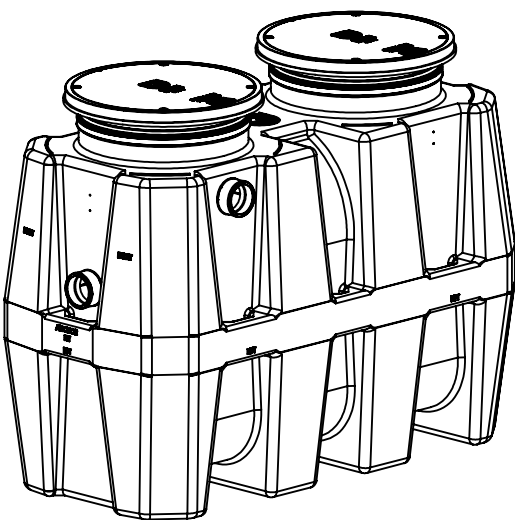
Finished Grade
See options to determine available dimension range



END VIEW



SECTION A-A



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MODEL NUMBER: OS-100-OMAHA

DESCRIPTION:

OMAHA TYPE 1 & 2 INTERCEPTOR

DWG BY: ENG DATE: 8/21/2023 REV: 0

SPECIFICATION SHEET

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Made in the U.S.A

