

- SPECIFICATIONS (GB-50)**
- 1. 4" inlet/outlets Sch. 40. (No-Hub)
 - 2. Max flow rate: 50 GPM
 - 3. Liquid capacity: 52 Gallons
 - 4. Max grease capacity: 249 lbs. (35 Gallons)
 - 5. Max solids/sediment capacity: 9.5 Gallons
 - 6. Unit weight w/std. covers: 100 lbs.
 - 7. 2,000 lb. load rated, bolted, gas/water tight composite covers.
 - 8. Maximum operating temperature 190°F continuous.

- NOTES**
- 1. Listed by IAPMO to ASME grease interceptor standard #A112.14.3 and CSA B481.1.
 - 2. Factory installed Built-in flow control.
 - 3. For gravity drainage applications only. Do not use for pressure applications.
 - 4. 3/8" thick seamless high density polyethylene walls.
 - 5. Unit supplied with built-in adapter for up to 3-1/2" of adjustability. Additional riser(s) available for deeper burial depth.
 - 6. Cover placement allows full access to tank for proper maintenance.
 - 7. Vent not required unless per local code.
 - 8. Engineered inlet and outlet diffusers are removable to inspect/clean piping.
 - 9. For on-the-floor or buried applications.
 - 10. Integral Air Relief / Anti-siphon.
 - 11. Three outlet options for easy rough in. Unit shipped with outlet diffuser in outlet "B".

DIFFUSION FLOW TECHNOLOGY

The inlet diffuser splits incoming effluent into two paths that utilize the entire liquid volume of the tank for efficient grease separation. The calibrated openings greatly reduce effluent turbulence. The effluent enters the main chamber without disturbing the existing grease or sediment layers.

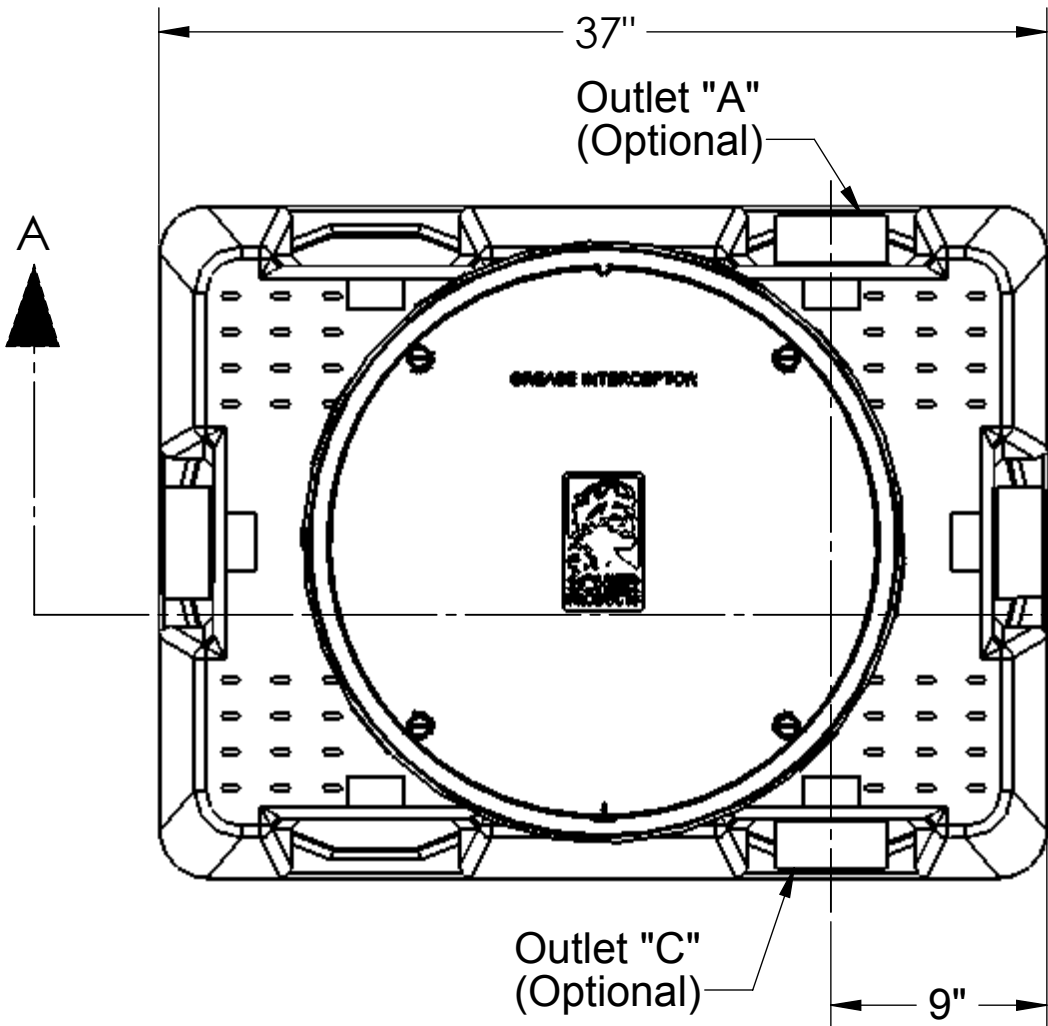
The integral air relief/anti-siphon in the top of the outlet diffuser allows pressure stabilization within the unit during operation. The bottom of the outlet diffuser allows only effluent which is free of grease to exit the tank. It can easily be attached to any of the three outlets provided to ease jobsite piping layouts.

ENGINEER SPECIFICATION GUIDE

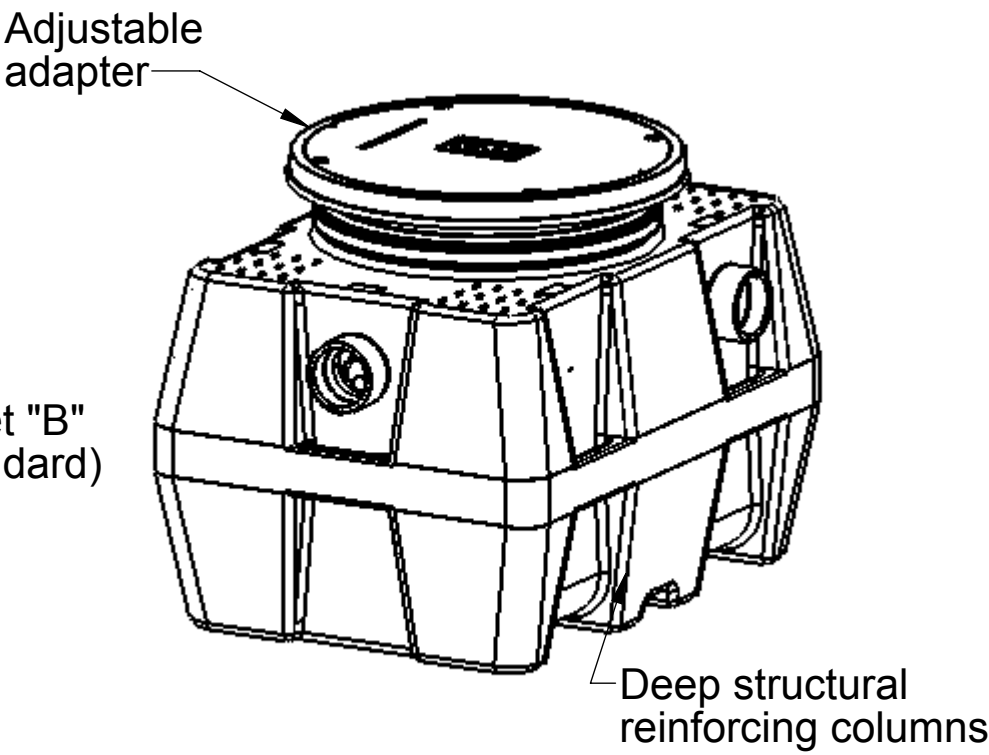
Schier Great Basin™ grease interceptor model # GB-50 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded High Density Polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below grade installation. Interceptor shall be built in accordance to ASME A112.14.3 (type C), with field adjustable riser system, built-in flow control, built-in test caps and three outlet options. Interceptor flow rate shall be 50 GPM. Interceptor grease capacity shall be 249 lbs. Cover shall provide water/gas-tight seal and have minimum 2,000 lbs load capacity.

OPTIONS:

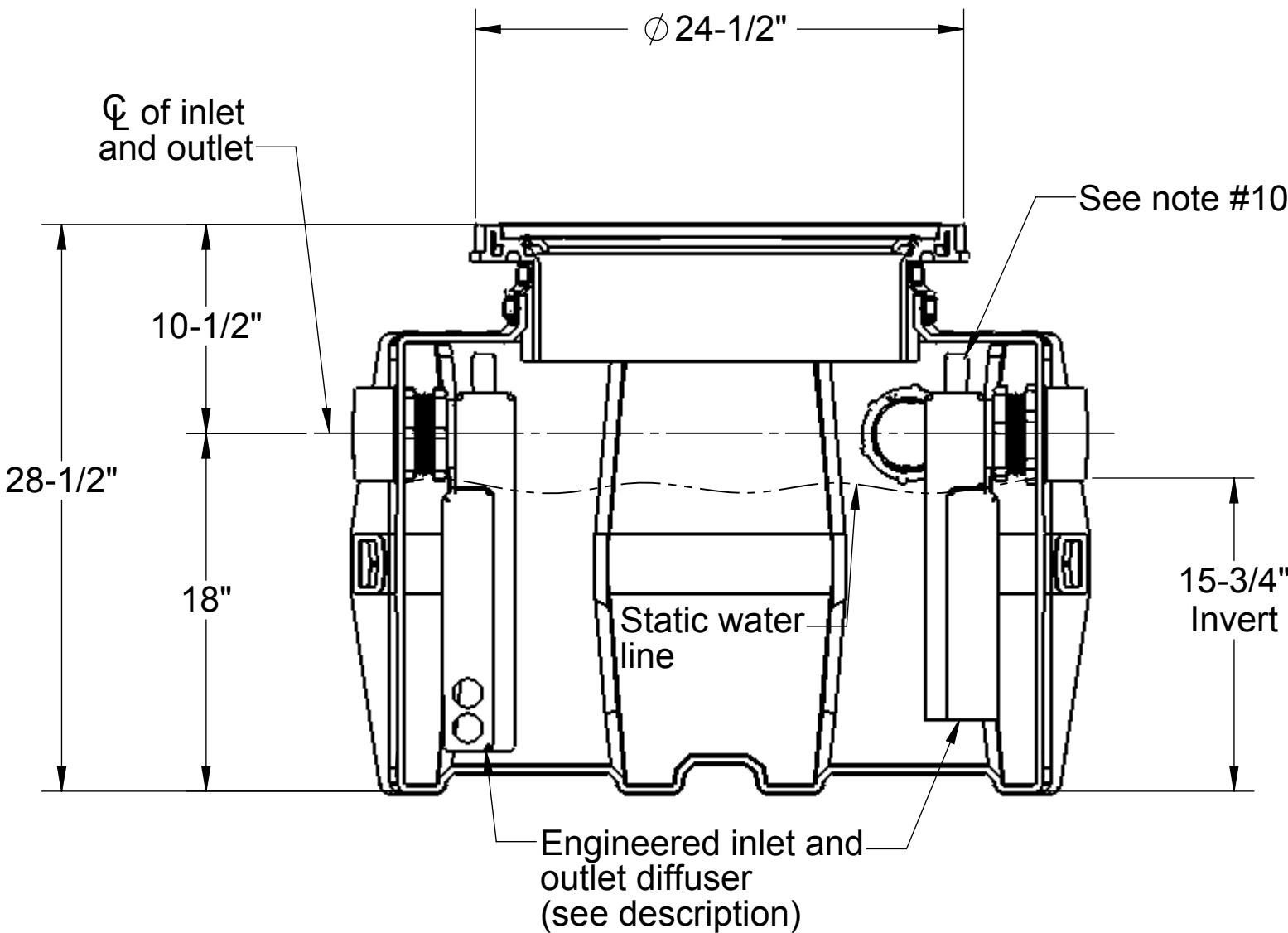
- Teleglide field adjustable risers for extending covers to grade
- Male pipe thread connections
- 3" Plain end pipe or male pipe thread connections
- High water anchor kit (set of 2)
- Clamping collar kit
- Highway rated bolted composite cover
- H2O rated pickable cast iron cover



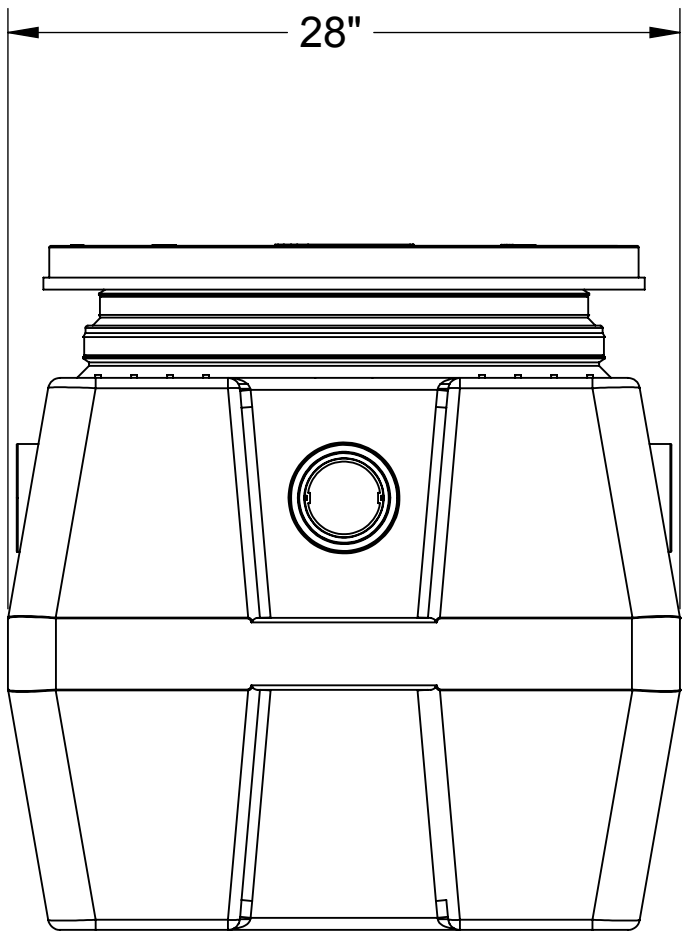
TOP VIEW



ISOMETRIC VIEW



SECTION "A-A"



END VIEW



PART NUMBER: GB-50

DESCRIPTION:

**GREAT BASIN SERIES POLYETHYLENE
GREASE INTERCEPTOR 50 GPM, 52 LIQUID
GALLONS, 249 GREASE POUNDS CAPACITY**

DWG BY: TEU

DATE: 12/7/10

REV: 2 - 5/3/13

MATL: PE

SPECIFICATION SHEET

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Made in the U.S.A



grease interceptors



oil separators



solids interceptors



chemical waste tanks



process systems

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