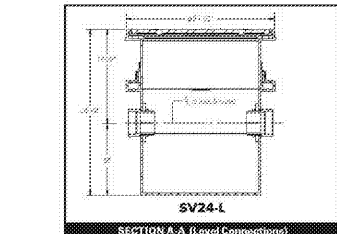
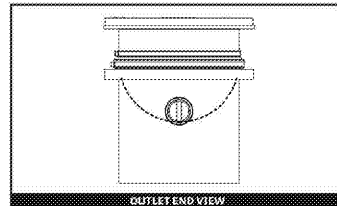
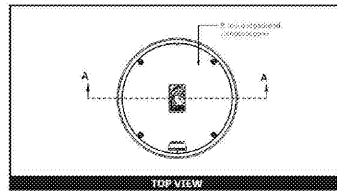


SPECIFICATIONS

- NOTES**
1. All dimensions in inches unless otherwise noted.
 2. Solid capacity: 250 Gallons.
 3. Unit weight: 334 lbs.
 4. Maximum operating temperature: 140°F construction.

ENGINEER SPECIFICATION GUIDE
 (Refer to the manufacturer's engineering specifications for detailed information on the product. The manufacturer's specifications are available on the manufacturer's website.)



SCHIER PRODUCTS
MODEL NUMBER: SV24
DESCRIPTION: 250 Gallon Capacity, 30" Dia. Cast Iron Cover

4 SAMPLING PORT DETAIL
 P303 12" = 1'-0"

SPECIFICATIONS

1. 4" inlet/outlet 30" dia. (Plan EN24-10)
2. Flow rate: 125 GPM
3. Liquid capacity: 250 Gallons
4. Solid capacity: 250 Gallons
5. Unit weight: 334 lbs.
6. H2O pickable cast iron cover, 16,000 lbs. load
7. Maximum operating temperature: 140°F construction.
8. "1/4" flange based on Manning's formula with inlet/outlet.

- NOTES**
1. For gravity drainage applications only.
 2. 3/8" thick stainless steel tank.
 3. Unit supplied with built-in adapter for up to 6" of adjustability. Additional risers are available for deeper build-out.
 4. Cover placement allows full access to tank for proper maintenance.
 5. Designed narrow footprint allows clearance through doorways and down stairs.
 6. Diffuser is removable to inspect or clean piping.
 7. For on-the-floor or buried applications.

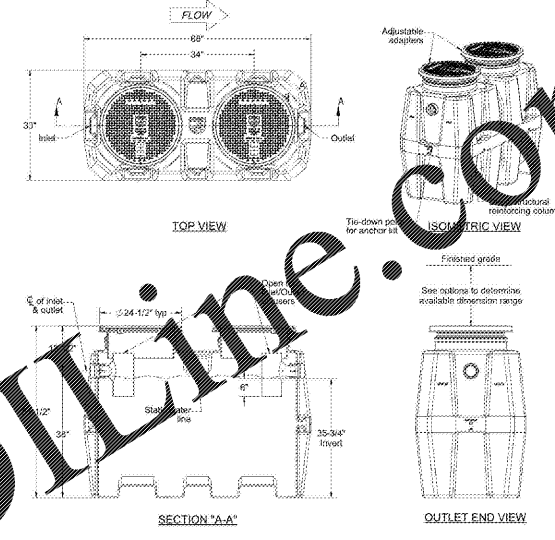
ENGINEER SPECIFICATION GUIDE
 (Refer to the manufacturer's engineering specifications for detailed information on the product. The manufacturer's specifications are available on the manufacturer's website.)

THIRD PARTY STRUCTURAL ANALYSIS
 The CB-275-SFL has been structurally analyzed in accordance with the requirements of ISU 2112 and ASCE 7 for ductility. The maximum lateral load and torsion moment 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.

- OPTIONS**
- 4" x 4" Plastic and steel / outlet
 - CU24 - Integral membrane clamping collar
 - AK-1 - High water table 304 stainless steel
- TELEPHONE RISER OPTIONS**
- LR24 (2) - 4" x 4"
 - LR24 (2) - 4" x 4" - 38"
 - LR24 (4) - 4" x 4" - 48"
 - LR24 (2) - LR24 (2) - 4" x 4" - 58"
 - LR24 (4) - 4" x 4" - 72"

PO IS NON-CANCELABLE
 ORDER IS NON-RETURNABLE

Signature of Approver: _____
 Company: _____
 Date of Approval: _____
 Sealing Engineer: _____
 Engineering Firm: _____



5 SOLID INTERCEPTOR DETAIL
 P303 12" = 1'-0"

IAPMO R&T LAB TEST REPORT

Report Number: 1757-18016-002
 Report Issued: March 29th, 2018
 Client: Schier Products
 9509 Woodland Road
 Edgewater, MD 21037

Project Number: 23770
 Contact: Charlie Ismert
 Source of Samples: Samples were manufactured at the client's facility in Edgewater, MD. The sample was witnessed tested by Chris E. Holmway of IAPMO R&T Lab. Samples are manufactured in good condition.

Date of Testing: March 5th, 2018 through March 29th, 2018
 Sample Description: HDPE Grease Interceptor
 Model: "GB-1000" (100 gpm)

Refer to the manufacturer's drawings and installation instructions for more detailed measurements and information.

Scope of Testing: The above grease interceptor was tested to meet the requirements of ASME A112.14.3-2003 (Reaffirmed 2014) "Grease Interceptors", and CSA B481.1-12 "Testing and rating of grease interceptors using lard".

Conclusion: The "GB-1000" (100 gpm) Grease Interceptor DID COMPLY with the requirements of ASME A112.14.3-2003 (Reaffirmed 2014) for "Grease Interceptors" and CSA B481.1-12 "Testing and rating of grease interceptors using lard".

By the signature below, I certify that all the testing and preparation for this report was performed under direct supervision of IAPMO R&T Lab, unless otherwise noted.

Witness tested and reported by:
 Chris E. Holmway
 Date: E. Holmway Regional Technical Support
 IAPMO R&T Lab

Test No.	Grease Sink	Grease Rate (gpm)	Time (min)	Lbs. added	Lbs. retained	INCREMENTAL		ACCUMULATED		Efficiency (%)		
						Lbs. skimm'd	Lbs. retained	Lbs. skimm'd	Lbs. retained			
310	1	1	20	0.43	19.07	97.9	0.202	41.16	8158.85	99.3		
311	1	1	20	0.50	19.50	97.5	0.220	41.66	8179.35	99.3		
312	1	1	20	0.71	19.78	97.8	0.240	42.09	8197.91	99.3		
313	1	1	20	0.47	19.53	97.7	0.220	42.58	8217.44	99.3		
314	1	1	20	0.46	19.04	98.0	0.220	42.80	8238.24	99.3		
315	1	1	20	0.75	19.25	98.3	0.250	43.17	8259.29	99.3		
316	1	1	20	0.78	19.13	98.6	0.270	44.06	8275.34	99.3		
317	1	1	20	0.89	19.11	98.9	0.300	45.50	8294.45	99.3		
318	1	1	20	1.11	19.27	99.0	0.360	46.71	8313.29	99.3		
319	1	1	20	0.97	19.03	98.2	0.380	47.38	8332.32	99.3		
320	1	1	20	1.15	19.18	98.3	0.420	48.41	8351.50	99.3		
321	1	1	20	1.03	18.97	98.9	0.440	49.44	8370.58	99.3		
322	1	1	20	1.08	18.91	98.8	0.440	50.53	8389.47	99.3		
323	1	1	20	1.51	18.42	92.4	0.480	52.06	8407.34	99.2		
324	2	1	111	1.02	20	1.73	18.25	51.3	8480	53.81	6426.19	99.2
325	1	2	113	1.00	20	2.07	17.93	89.7	8500	55.88	8444.12	99.1
326	2	1	111	1.02	20	2.31	17.69	98.9	8520	58.19	8461.81	99.1
327	1	2	113	1.00	20	2.38	17.62	98.1	8540	60.57	8479.43	99.1
328	2	1	113	1.00	20	2.34	17.86	98.3	8560	62.91	8497.09	99.0
329	1	2	115	1.00	20	2.87	17.13	85.7	8580	65.78	8514.22	99.0
330	2	1	115	1.00	20	2.70	17.80	86.5	8600	68.48	8531.50	99.0
331	1	2	115	1.00	20	2.66	18.11	86.6	8620	71.37	8549.09	98.9
332	2	1	111	1.02	20	4.35	15.66	78.3	8640	76.72	8563.28	98.8
333	1	2	115	1.00	20	3.57	14.43	72.2	8660	82.29	8577.71	98.8
334	2	1	20	20	20	20	20	20	8680	86.80	8592.00	98.8
335	1	2	20	20	20	20	20	20	8700	87.00	8606.00	98.8
336	2	1	20	20	20	20	20	20	8720	87.20	8620.00	98.8
337	1	2	20	20	20	20	20	20	8740	87.40	8634.00	98.8

2 GREASE INTERCEPTOR TEST REPORT AND PERFORMANCE RATING
 P303 NTS

5 GREASE INTERCEPTOR DETAIL
 P303 NTS



FOR REFERENCE ONLY

BLOOMING BRANDS
 HIALEAH, FL - OUTBACK STEAKHOUSE
 1751 W 49TH STREET
 HIALEAH, FLORIDA 33012

SHEET ISSUE
 OUT TO PERMIT: 03/21/19
 1 05/06/19 Revision #1
 2 05/03/19 Revision #2

PRINCIPAL IN CHARGE: JC
 PROJECT ARCHITECT: MS
 DRAWN BY: TH

SHEET TITLE
 GREASE INTERCEPTOR DETAILS

SHEET NO. P303
 PROJ. NO. 181231.20

P303