## **SPECIFICATIONS**

#### Notes:

- 6" plain end inlet/outlet
- Unit weight w/ cast iron covers: 824 lbs. (for wet weight add 8,413 lbs.)
- Maximum operating temperature: 150° F continuous
- Capacities Liquid: 1,000 gal.;

Grease: 5,495 lbs. (753 gal.) @100GPM Grease: 4,959 lbs (679 gal.) @200GPM

Solids: 211 gal.

- 5. Satisfies Miami DERM 99% efficiency requirements; retaining the following capacities at 99.0% efficiency: 5,272 lbs. (722 gal.) @100GPM 3,127 lbs. (428 gal.) @200GPM
- 6. For gravity drainage applications only.
- Do not use for pressure applications.
- Cover placement allows full access to tank for proper maintenance.
- Vent not required unless per local code.
- 10. Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.
- 11. Integral air relief / Anti-siphon / Sampling access.
- 12. Adjustable cover adapters provide up to 4" of additional height.
- 13. Designed for below-grade, above-grade, indoor or outdoor installations.
- 14. Safety Star®, access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).

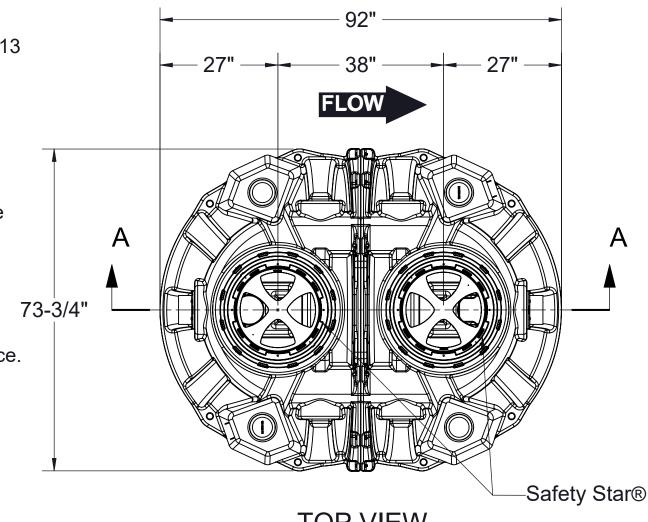
# **ENGINEER SPECIFICATION GUIDE**

Schier Great Basin™ grease interceptor model # GB-1000 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter. Interceptor shall be certified to ASME A112.14.3 (Type D) and CSA B481.1 as well as certified to IAPMO/ANSI Z1001-2021. Interceptor flow rate shall be 100 GPM or 200GPM. Interceptor grease capacity shall be 5,495 lbs. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

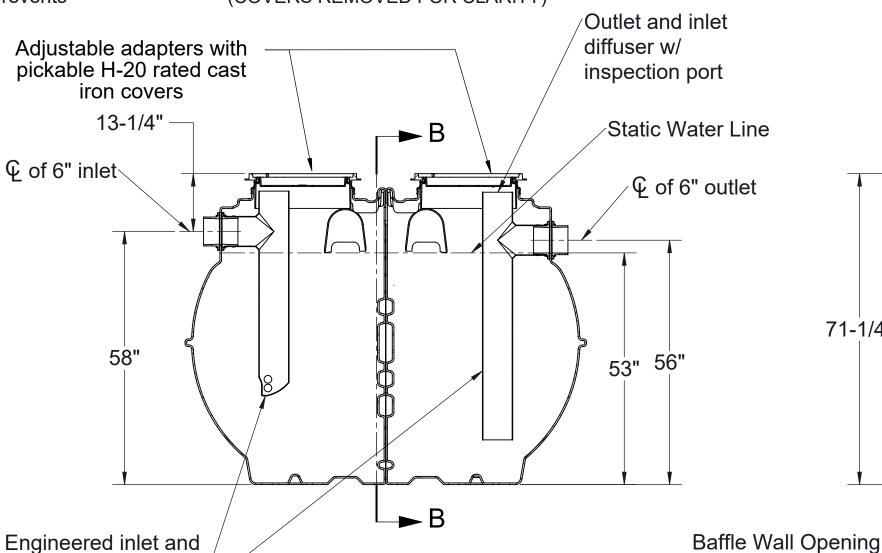
### **CERTIFIED PERFORMANCE**

Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME #A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Type D certification does not require a flow control



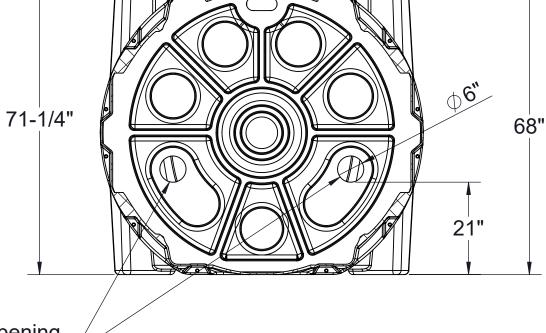
TOP VIEW
(COVERS REMOVED FOR CLARITY)



**SECTION A-A** 

Vent opening between tank compartments

**ISOMETRIC VIEW** 



**SECTION B-B** for fluid pass through

UP

UP



Satisfies Miami DERM 99% efficiency requirements. Product labels are permanently attached to inside and outside of unit for easy viewing.

**MODEL NUMBER:** 

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **SCHIER PRODUCTS**. ANY

GB-1000

**PART NUMBER:** 

4080-002-01

outlet diffuser

(see description)

**DESCRIPTION:** 

GB-1000 GREASE INTERCEPTOR 100 GPM/ 200 GPM 6" INLET/OUTLET, H-20 RATED CAST IRON COVER

REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **SCHIER PRODUCTS** IS

REV: 02 ECO:

032822TA



SCHIER

6455 Woodland Dr Shawnee, KS 66218 Tel: 913-951-3300 Fax: 913-951-3399 schierproducts.com

# **SPECIFICATION SHEET**

**DWG BY:** 

**B.BROWN** 

DATE:

10/18/2021

PRELIMINARY DRAWINGS NOT FOR CONSTRUCTION

© 2025 bDot Architecture, Inc. Drawings, design concepts, and written materials shall not be used or reproduced in whole or part in any form or format without prior written consent of bDot Architecture, Inc.

All discrepancies in the construction drawings and / or specifications not brought to the architect's attention during the bid or pricing phase of the project shall become subject to the interpretation of the architect during the construction process and will not be grounds for a change order of any kind.

FILL WITH CONCRETE PAINT OR GALVANIZED -3/4" DIAMETER STEEL ROD WELD TO 6" DIAMETER STEEL PIPE —— I" DIAMETER STEEL PIPE WELD TO ANGLE — WASHER -6" DIAMETER STEEL PIPE FILL WITH CONCRETE ----TRASH ENCLOSURE DETAIL

1 1/2" = 1'-0"

2"X2"X1" ANGLE GALVANIZED

FRAME AND BRACES -

6" DIAMETER STEEL PIPE

2'-8" MANDOOR ON HEAVY-DUTY HINGES. DETAIL NOTES SAME AS GATE BELOW. —

6 TRASH & RECYCLE ENCLOSURE DETAILS

1/2" = 1'-0"

GATE POST DETAIL

3/4" = 1'-0"

SMOOTH CROWN ON TOP (TYP.) -

6" DIAMETER CONCRETE FILLED STEEL GATE POST. EXTEND TUBE 4'-6" INTO 2'-0" DIAMETER X 5'-0" DEEP FOUNDATION. PAINT ALL EXPOSED SURFACES GLOSS BLACK.

1/2" EXPANSION JOINT -

18" DIAMETER CONCRETE

3 DUMPSTER BOLLARD DETAIL
3/4" = 1'-0"

CONCRETE SLAB

SMOOTH CROWN ON TOP (TYP.) -

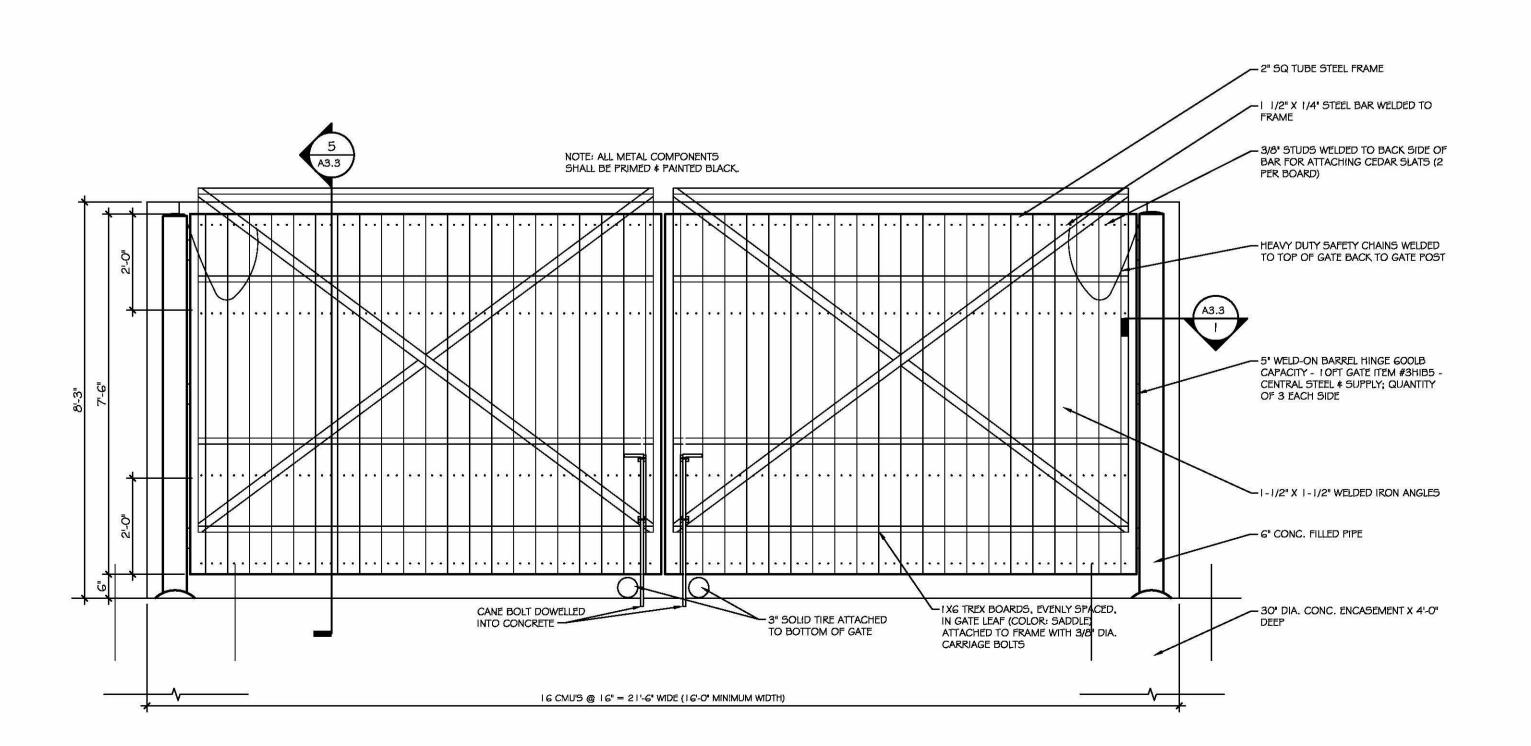
6" DIAMETER CONCRETE FILLED STEEL GATE POST. EXTEND TUBE 4'-6" INTO 2'-0" DIAMETER X 5'-0" DEEP

FOUNDATION. PAINT ALL EXPOSED SURFACES GLOSS BLACK.

1/2" EXPANSION JOINT -

18" DIAMETER CONCRETE

CONCRETE SLAB



2' SQUARE TUBE STEEL

1-1/2" X 1-1/2" STEEL ANGLE WELDED TO FRAME

BOLT (2 PER BOARD)

ANGLE WELDED TO FRAME

~ 3/8" DIAMETER CARRIAGE BOLT (2 PER BOARD)

---- 1/2" X 1/2" STEEL ANGLE

- 3/8" DIAMETER CARRIAGE

- 3/8" DIAMETER CARRIAGE

ANGLE WELDED TO FRAME

BOLT (2 PER BOARD)

~ 2" SQUARE TUBE STEEL

5 DETAIL @ TRASH GATE FRAMING
1 1/2" = 1'-0"

- ANODIZED ALUM COPING TO MATCH

~ 8" BOND BEAM WITH (2) #5 REBAR

---- #5 VERTICALS @32"OC IN GROUTED

\_\_ #5 VERTICALS X 4'-0" LONG @ 32"OC

LANDSCAPING, SEE CIVIL DRAWINGS

-1/2 COMPRESSION FILLER WITH SEALANT TYP ON ALL SIDES

-#4 BENT DOWELS @ 48"OC

8 TRASH & RECYCLE ENCLOSURE DETAILS

---- 8" SPLIT-FACE CMU PAINT P- I

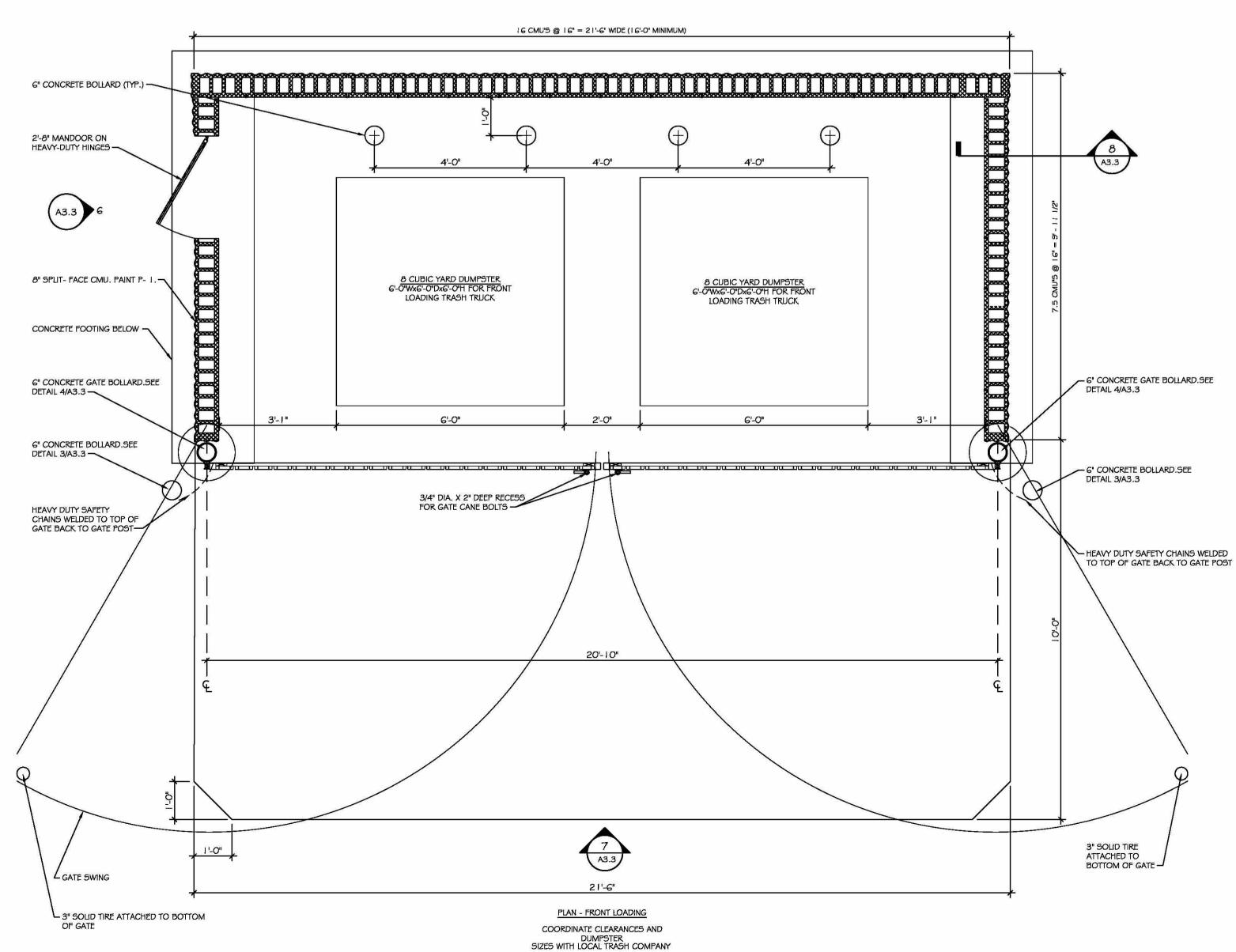
BOLT (2 PER BOARD)

ANGLE WELDED TO FRAME

CROSS BRACING WELDED

TO STEEL FRAME

1-1/2" X 1-1/2" STEEL



1.5"W X 0.5"D STEEL SPACER -

2" SQUARE GATE TUBE FRAME -

2" SQUARE TUBE GATE FRAME -

5" WELD-ON BARREL HINGE GOOLB CAPACITY - 1 OFT GATE ITEM #3HIB5 - CENTRAL

STEEL AND SUPPLY WELD TO

1.5"W X O.5"D STEEL SPACER

6" CONCRETE FILLED STEEL POLE -

2 TRASH ENCLOSURE GATE HINGE
3/4" = 1'-0"

FRAME AND STEEL POLE -

5" BARREL HINGE -

IX4 TREX FRAMING -

IX6 TREX BOARDS -

C - PLAN VIEW

D - ELEVATION VIEW

9 PLAN @ TRASH & RECYCLE ENCLOSURE FOR FRONT LOADING TRUCK

REVISIONS:

DATE: 01/17/2025

PROJECT NUMBER: 2421

SHEET NAME: DUMPSTER ENCLOSURE ELEVATIONS, PLAN, AND DETAILS SHEET NUMBER:

7 TRASH & RECYCLE ENCLOSURE DETAILS

1/2" = 1'-0"