



ENGINEER OF RECORD:  
 NAME: SHAWN W. BARRY  
 LICENSE NO. MO PE-2009001053

PROJECT NUMBER:  
 220897BOF

REVISION:  
 09/29/2022 CITY REVIEW COMMENTS

\* The City of O'Fallon must be provided with a symbol/medallion for review and approval prior to installation. Contact the City if any information is needed.

Size	Style	Adhesive	Message (Part #)
3 7/8" TO 4"	Crystal Cap or Standard Style	Epoxy	No Dumping Drains to Waterway

City will also allow the precast inlet stone with a similar message as an approved alternate to the marker.

**Public or Private inlets**

CITY OF O'FALLON  
 ENGINEERING DEPARTMENT  
 O'FALLON, MISSOURI

STORM DRAIN  
 MARKER LOCATION

**DOUBLE UNTRAPPED STREET INLET PRECAST CONCRETE**

**METROPOLITAN ST. LOUIS SEWER DISTRICT**  
*Standard Details of Sewer Construction*

Dr. JLG/SAM  
 Ch. J.C.K. 2009 SHEET 37

**PRECAST CONCRETE UNIT "B" FOR STREET DOUBLE INLET**

**METROPOLITAN ST. LOUIS SEWER DISTRICT**  
*Standard Details of Sewer Construction*

Dr. RGW/SAM  
 Ch. J.C.K. 2009 SHEET 43

**SPECIFICATIONS**

Notes:  
 1. 4" FPT inlet/outlet with 4" plain end adapters, single inlet and triple outlet.  
 2. Unit weight - w/ cast iron covers: 190 lbs. (For wet weight add 1,043 lbs.)  
 3. Maximum operating temperature: 150° F continuous  
 4. Capacities - Liquid: 125 gal.  
 Grease: 861 lbs. (118 gal.) @75 GPM  
 Solids: 31 gal.  
 5. For gravity drainage applications only.  
 6. Do not use for pressure applications.  
 7. Cover placement allows full access to tank for proper maintenance.  
 8. Vent not required unless per local code.  
 9. Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.  
 10. Integral air relief / Anti-siphon / Sampling access.  
 11. Adjustable cover adapter provides up to 4" of additional height.  
 12. Designed for below-grade, above-grade, indoor and outdoor installations.  
 13. Safety Star® access restrictor built into cover adapter, prevents accidental entry to tank (450 lb. rating).

**ENGINEER SPECIFICATION GUIDE**

Schier Great Basin™ grease interceptor model # GB-75 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter, Safety Star® access restrictor built into each cover adapter, and three outlet options. Interceptor shall be certified to ASME A112.14.3 (Type D) and CSA B481.1. Interceptor flow rate shall be 75 GPM. Interceptor grease capacity shall be 861 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.

**SPECIFICATION SHEET**

MODEL NUMBER: <b>GB-75</b>	PART NUMBER: 4045-007-02		
DESCRIPTION: GB-75 GREASE INTERCEPTOR 75 GPM, 4" INLET/OUTLET, H-20 RATED CAST IRON COVER			
DWG BY: C. BUSENITZ DATE: 4/14/2022 REV: - ECO: -		6455 Woodland Dr. Shawnee, KS 66218 Tel: 913-951-3300 Fax: 913-951-3399 schierproducts.com	

**CONCRETE CRADLE**

**METROPOLITAN ST. LOUIS SEWER DISTRICT**  
*Standard Details of Sewer Construction*

Dr. WSH/SAM  
 Ch. J.C.K. 2009 SHEET 9