



**City of Annapolis**  
Department of Public Works  
145 Gorman Street Fl 2  
Annapolis, MD 21401-2529

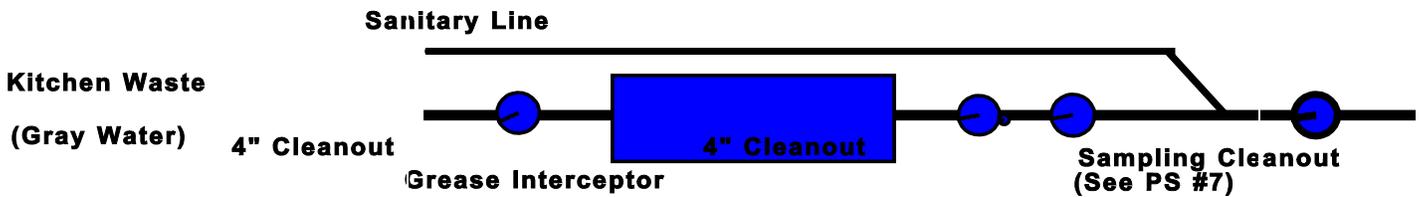
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## Grease Interceptor Specifications for a 500 Gallon Tank

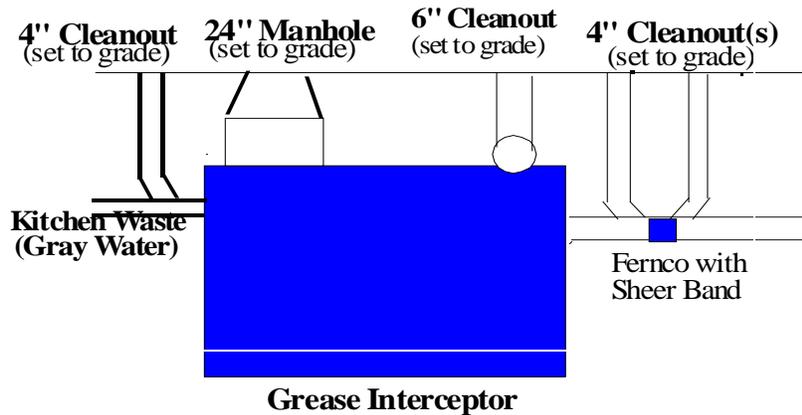
### Purpose

To achieve compliance with the Wastewater Pretreatment limit for animal/vegetable oil and grease entering the City's Sanitary Sewer System.

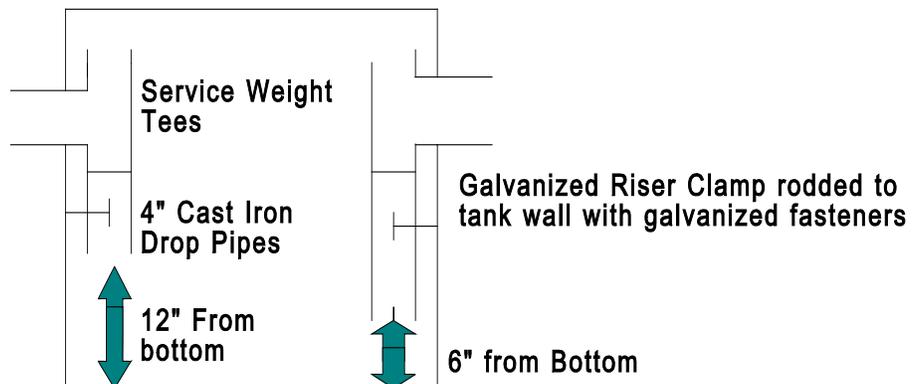
### Plumbing Schematic:



### Cross Sectional Schematic:



### Inside Schematic:



Performance specifications on back of form.

**Performance Specifications**

1. The grease interceptor must be constructed so the effluent concentration of animal/vegetable oil and grease does not exceed the limit of 100 mg/l entering the City's Sanitary Sewer.
2. Grease interceptor must be installed in accordance with the manufacturer specifications.
3. All wastes, except garbage disposal and sanitary, must be routed through the grease interceptor.
4. If cleanouts, manholes, and/or grease interceptors are located in traffic areas the following must be met:
  - a. Cleanouts must be complete with a cast iron roadway box and solid cover;
  - b. Manholes must be installed in accordance with City Utility Specification G-17;
  - c. The integrity of the interceptor must be roadway certified, with an HS-20 rating.
5. All piping underground or under slab must be four inch or larger cast iron with bell and spigot. Pipe must be service weight with long term fittings.
6. One 24" manhole must be installed on a 500 gallon grease interceptor. Concrete ring must be sealed with concrete parging or tar.
7. A sampling cleanout must be installed at the property line or if the building has multiple users, a sampling cleanout shall be installed at a location which is representative of that user's total flow.
8. Adhesive lubricant is required on all rubber gaskets inside grease trap.
9. Proper ground compaction around grease trap may be achieved by backfilling with 3/4" gravel.
10. Drop guideline: Inlet - 12" from bottom; Outlet - 6" from bottom. Note: This is a guideline and may not be applicable to every application.
11. Drops to be achieved by installing sanitary tee's bullheaded on lines entering and leaving interceptor.
12. Drops inside grease interceptor must be supported. Galvanized riser clamps on drops must be rodded to tank wall with galvanized fasteners 6" below service weight tee. Drops must be accessible via an unobstructed view for cleaning through top of grease interceptor.
13. Grease Interceptor Tank must be secured when subject to hydrostatic pressures.

NOTE: This specification is a typical installation and is subject to field approval.