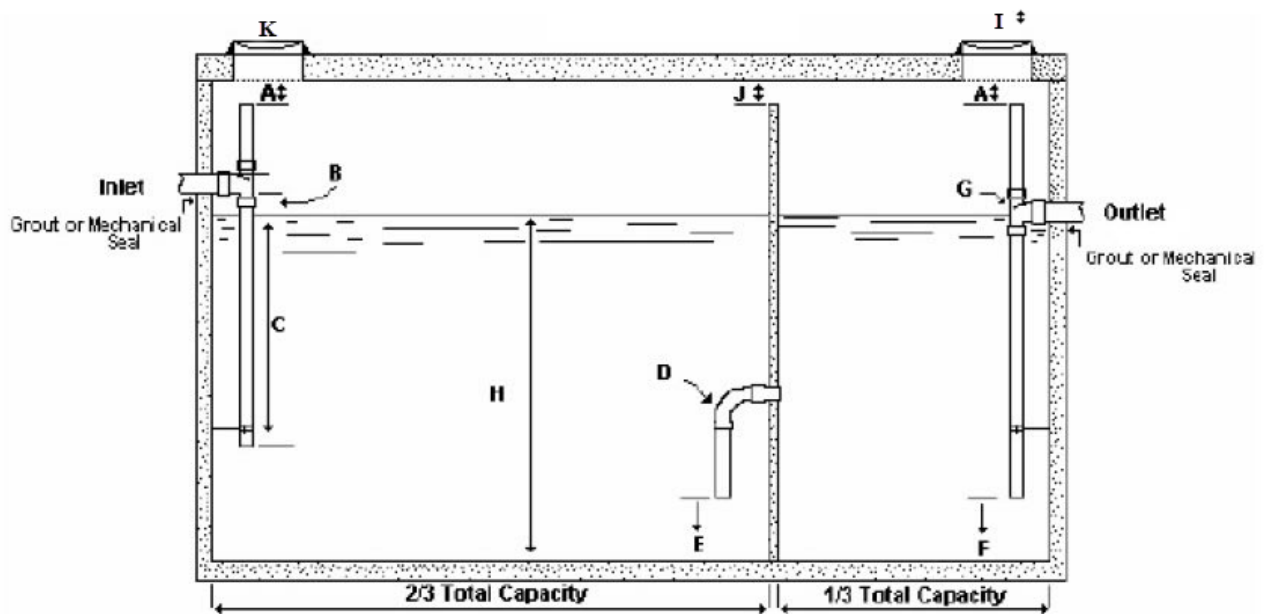


**GREASE INTERCEPTOR
INSTALLATION AND MAINTENANCE REQUIREMENTS**

I. INSTALLATION REQUIREMENTS

- A. Minimum of 6" but not less than the pipe diameter.
- B. Inlet pipe invert to be 2 ½" above liquid surface.
- C. Inlet pipe to terminate 2/3 depth of water level.
- D. 90-degree sweep, minimum size is 6".
- E. 12" from floor to end of sweep.
- F. 12" from floor to end of outlet pipe
- G. Outlet pipe is no smaller than inlet pipe, minimum 4".
- H. Minimum depth of liquid capacity is 42".
- I. Minimum of 11' of clear opening above each manhole cover.
- J. Maximum distance from ceiling is 6".
- K. 24" diameter manhole covers should be cast iron and be at least 1" above final grade.
- L. Grease interceptor must be installed after grease laden plumbing fixtures but prior to all black water sewer lines as they are prohibited from entering grease interceptor.

Figure 1: Constructed of sound durable materials not subject to excessive corrosion or decay.



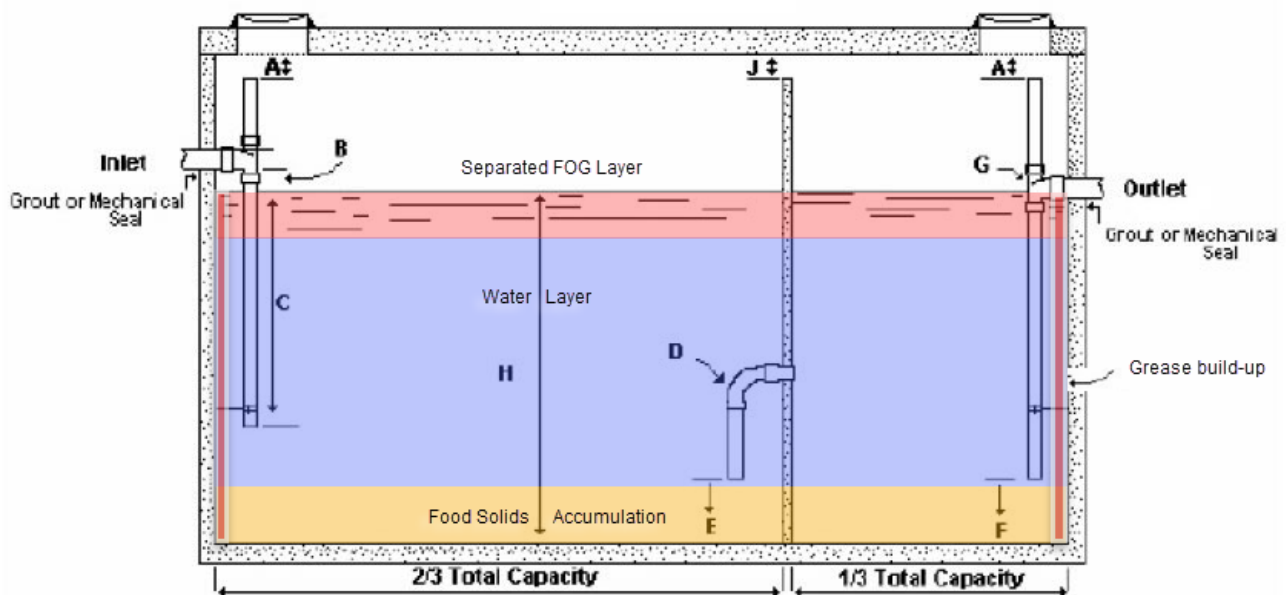
II. INSTALLATION INSPECTION

- A. All grease interceptors will be sized accordingly by KUB.
- B. User to contact KUB at (865) 594-8337 at least two business days in advance to schedule final inspection. Final inspection should be performed prior to backfilling.
- C. Food service facilities must pass separate inspections from KUB, the City of Knoxville Plumbing Inspector's Office, and County Codes Administration, as applicable.

III. PREVENTATIVE MAINTENANCE

- A. The user at the user's expense shall maintain the grease interceptor.
- B. Grease interceptors must be pumped out a minimum of once every three months unless otherwise specified by KUB in writing.
- C. Maintenance for a grease interceptor must be performed by a waste hauler and shall include the complete removal of all contents (separated FOG layer, food solids accumulation, water layer, and grease build-up on all sides) as referenced in figure 2 below.
- D. Cumulative measurement of fats, oils, and grease (FOG) and food solids accumulation layers greater than or equal to 25% of the grease interceptor capacity is a violation.
- E. It shall be a violation to discharge any of the grease interceptor contents directly into the sanitary sewer collection system.
- F. Any additive placed into the grease interceptor or building discharge line system on a constant, regular, or scheduled basis is prohibited.

Figure 2: Represents content that needs to be removed by contractor during preventative maintenance.



IV. MAINTENANCE INSPECTIONS

- A. Safe and easy access to the grease interceptor must always be provided.
- B. Maintenance logs and manifests for the previous 12 months should be kept onsite.
- C. Commercial facilities that fail an inspection will be required to take corrective action to comply with requirements of the grease control program.
- D. Continued noncompliance will result in re-inspection fees and additional enforcement actions taken by KUB.