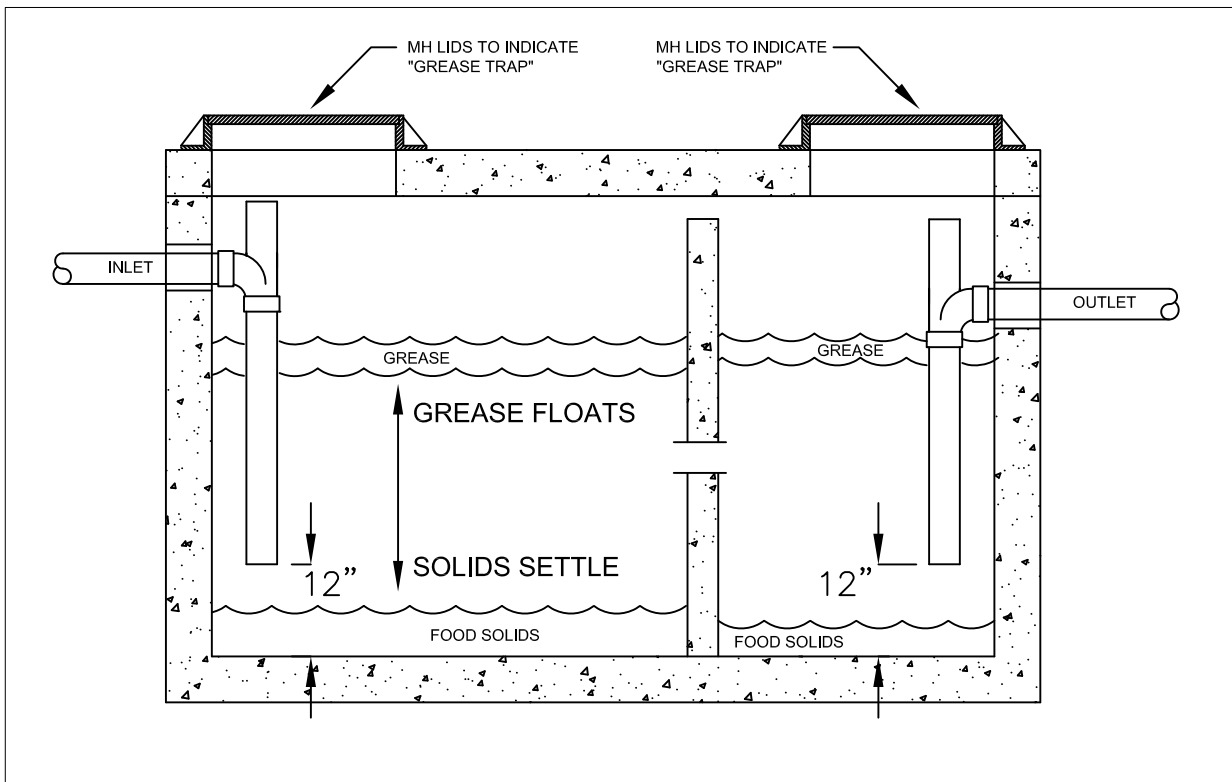


NOTES:

1. A 1,000 GALLON GREASE TRAP FOR ALL NEW FOOD ESTABLISHMENTS. PLEASE REFER TO THE DURHAM COUNTY SEWER USE ORDINANCE SECTION 26-102 (c)(2) FOR THE CALCULATIONS TO DETERMINE IF A LARGER GREASE TRAP IS NEEDED.
2. A MONITORING MANHOLE SHALL BE INSTALLED DOWNSTREAM OF THE GREASE TRAP AND PRIOR TO CONNECTION TO THE SEWER MAIN.
3. THE GREASE TRAP SHALL BE PLUMBED TO RECEIVE WASTE ASSOCIATED WITH FOOD HANDLING ONLY. NO TOILET WASTE. THE FOLLOWING SHALL NOT BE DISCHARGED INTO ANY FATS, OIL, AND GREASE REMOVAL SYSTEM, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE POTW DIRECTOR:
 - a. WASTE THAT DOES NOT CONTAIN FATS, OIL, GREASE, OR THAT OTHERWISE DOES NOT REQUIRE TREATMENT;
 - b. WASTEWATER FROM DISHWASHING MACHINES OR WASTEWATER WITH TEMPERATURE EXCEEDING 150° F;
 - c. GROUND RESIDUE FROM FOOD WASTE GRINDERS AND GARBAGE DISPOSAL; OR
 - d. SANITARY WASTE
4. THE GREASE TRAP MUST CONTAIN THE FOLLOWING (SEE FIGURE BELOW):
 - a. INLET AND OUTLET SANITARY TEES MUST EXTEND WITHIN 12 INCHES OF THE BOTTOM OF THE TRAP AND ABOVE THE WATER SURFACE TO PROVIDE AIR RELIEF.
 - b. THE OUTLET TEE MUST BE AT LEAST 6 INCHES IN DIAMETER.
 - c. ACCESS MANHOLES, WITH A MINIMUM DIAMETER OF 24 INCHES, SHALL BE PROVIDED OVER EACH CHAMBER AND SANITARY TEE. THE ACCESS MANHOLES SHALL EXTEND AT LEAST TO FINISHED GRADE AND BE DESIGNED AND MAINTAINED TO PREVENT SURFACE WATER INFILTRATION. THE MANHOLES SHALL ALSO HAVE READILY REMOVABLE COVERS TO FACILITATE INSPECTION AND GREASE REMOVAL.
5. MANHOLE LIDS TO BE MANUFACTURED BY A FOUNDRY LOCATED IN THE UNITED STATES. LIDS WILL BE LABELED TO INDICATE "GREASE TRAP".



NOTES:

1. USE 1" Ø BUTYL RUBBER SEALANT IN JOINT.
2. CONTRACTOR TO BRING RINGS & COVERS TO GRADE.
3. THE SECTION OF THE DURHAM COUNTY SEWER USE ORDINANCE THAT PERTAINS TO GREASE TRAPS CAN BE FOUND AT THE FOLLOWING LINK:
<http://dconc.gov/index.aspx?page=190>



SAB
APPROVED BY:

KFM
DRAWN BY:

DATE: 10/23/2018

DURHAM COUNTY MINIMUM GREASE TRAP REQUIREMENTS

DURHAM COUNTY, NORTH CAROLINA
ENGINEERING DEPARTMENT

SCALE:
NTS

DETAIL NO.
DUCO - 017