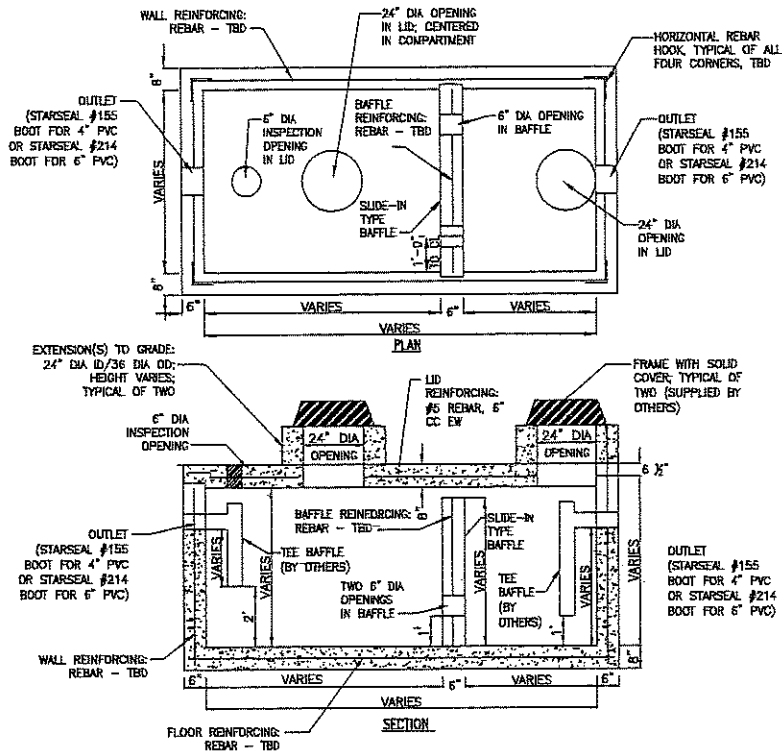




FORMULAS FOR GREASE TRAP SIZING FOR RESTAURANTS

$$\text{SIZE IN VOL.} = D \times G \times ST \times HR/2 \times LF$$

WHERE:

D = NO. OF SEATS

G = GAL OF WASTE WATER PER MEAL (5-GAL.)

ST = STORAGE CAPACITY
min. 1.7

onsite disposal 2.5

LF = LOADING FACTOR

1.25 INTERSTATE FREEWAYS

1.0 OTHER FREEWAYS

1.0 RECREATIONAL AREAS

0.8 MAIN HIGHWAYS

0.5 OTHER HIGHWAYS

HR = NO. OF HOURS OPEN

MIN. SIZE 750 GAL.

ALL GREASE TRAPS MUST BE CLEANED PRIOR TO 75% OF THE UNIT GREASE RETENTION CAPACITY. MIN 2% REMOVAL OF GREASE IS 90%.

NOTE:

SHOP DRAWINGS SHALL BE SUBMITTED TO THE AUTHORITY ENGINEER FOR REVIEW AND APPROVAL.

FIGURE 5 - EXTERIOR GREASE/WATER SEPERATOR-750 GAL MINIMUM

DATE	REVISIONS	DEPTFORD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY P.O. BOX 5506 DEPTFORD, NEW JERSEY 08096 856-415-1111		 415-1111
		DATE: MARCH 2012	DRAWN BY: BACH ASSOCIATES	