

# DESIGN CRITERIA

THE FOLLOWING DESIGN EQUATIONS ARE TO BE USED  
WHEN SIZING A GREASE TRAP.  
MINIMUM SIZE: 1500 GALLONS

1. RESTAURANTS

$$S \times GS \times HR/12 \times LF = \text{GREASE TRAP SIZE IN GALLONS}$$

WHERE:

S = NUMBER OF SEATS IN DINING AREA

GS = GALLONS OF WASTEWATER PER SEAT  
(USE 25 GAL. PER SEAT MIN.)

HR = NUMBER OF HOURS OPEN

LF = LOADING FACTOR – 1.25 INTERSTATE FREEWAYS  
1.00 OTHER FREEWAYS  
1.00 RECREATIONAL AREAS  
0.80 MAIN HIGHWAYS  
0.50 OTHER HIGHWAYS

2. HOSPITALS, NURSING HOMES, OTHER TYPE COMMERCIAL  
KITCHENS WITH VARIED SEATING CAPACITIES.

WHERE:

S = NUMBER OF SEATS IN DINING AREA

GS = GALLONS OF WASTEWATER PER SEAT  
(USE 25 GAL. PER SEAT MIN.)

HR = NUMBER OF HOURS OPEN

LF = LOADING FACTOR – 1.25

NOTE:

1. SEE TOWN OF BRASELTON ENGINEER FOR  
SEWAGE FLOW SCHEDULES AND ADDITIONAL INFORMATION.
2. DEVELOPMENT PERMIT WILL NOT BE ISSUED WITHOUT  
APPROVED GREASE TRAP SIZING CALCULATIONS.

## TOWN OF BRASELTON WATER & SEWER DEPARTMENTS

JOB TITLE  STANDARD DETAIL	SHEET TITLE  <b>GREASE TRAP DESIGN CALCULATIONS</b>	DRN. BY: EMI	REV. NO.	BY	DATE
		CKD BY:	A	EMI	3/13/07
		APPD. BY:			
		DATE: SEP. 2004			
		DETAIL No. S-25	FILE No. 03033\S-25.dwg	SCALE: N.T.S.	