**GREASE INTERCEPTOR SIZING**

**Grease Sizing Formula:**

(S) x (GS) x (LF) x (HR/12) = EFFECTIVE CAPCITY OF GREASE INTERCEPTOR IN GALLONS

**WHERE:**

**S** = NUMBER OF SEATS DINING

**GS** = GALLONS OF WASTE WATER PER SEAT

**HR** = NUMBER OF HOURS RESTAURANT IS OPEN

**LF** = LOAD FACTOR

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NUMBER OF SEATS “S” = **(50) SEATS**

GALLONS OF WATER PER SEAT “GS” = 10.0 GAL

HOURS OPEN “HR” = **(15 HOURS)**

LOADING FACTOR “LF” = 2.00 INTERSTATE HIGHWAY

 =1.50 OTHER FREEWAY

 =1.25 RECREATIONAL AREA

 =1.00 MAIN HIGHWAY

 =0.75 OTHER HIGHWAY

50 S x 10 x 1.50 x (15 HR/12) = 938 GALLONS