



## TYPICAL SEPTIC TANK SIZE DETAIL

**KERN COUNTY PUBLIC HEALTH  
SERVICES DEPARTMENT  
ENVIRONMENTAL HEALTH DIVISION  
2700 "M" STREET, SUITE 300  
BAKERSFIELD, CA 93301  
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SINGLE-FAMILY DWELLING NUMBER OF BEDROOMS		MINIMUM SEPTIC TANK CAPACITY IN GALLONS
1 OR 2	SIZE OF TANK REQUIRED	750
3	SIZE OF TANK REQUIRED	1000
4	SIZE OF TANK REQUIRED	1200
5 OR 6	SIZE OF TANK REQUIRED	1500

### EXAMPLE

**GIVEN:** 4-BEDROOM HOUSE OR MOBILE HOME -  
SILTY SOIL - U.P.C. TYPE 3

**REQUIRED:** 1200-GALLON SEPTIC TANK, SIZED FOR LEACHING AREA FOR SOIL TYPE 3, WHICH  
REQUIRES 40 SQ. FT. LEACHING PER 100 GALLONS OF TANK SIZE.

$$\frac{1200 \times 40}{100} = 480 \text{ SQ. FT. LEACHING AREA.}$$

STANDARD LEACH TRENCH  $\frac{480}{3} \text{ SQ. FT./FT.} = 160 \text{ FT.}$   
USE TWO 80-FOOT-LONG LEACH LINES.

$$\text{SPECIAL LEACH TRENCH } \frac{480}{7} = 68.6 \text{ FT.}$$

USE ONE 69-FOOT-LONG LEACH LINE.

Maximum length of any leach line is 100 feet. If over 100 feet is needed, then a distribution box is required with multiple lines 100 feet or less in length.

**NOTE:** The above drawing is intended as a guide for those desiring to prepare plans. Because of varying conditions from one project to another, details as shown may not meet the requirements of the Uniform Plumbing Code. A representative of the Kern County Environmental Health Division will be happy to answer questions upon request.