

TYPICAL SEPTIC TANK SIZE DETAIL

KERN COUNTY PUBLIC HEALTH
SERVICES DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
2700 "M" STREET, SUITE 300
BAKERSFIELD, CA 93301
PHONE: (661) 862-8700

SINGLE-FAMILY DWELLING NUMBER OF BEDROOMS	MINIMUM SEPTIC TANK CAPACITY IN GALLONS
1 OR 2	750
3	1000
4	1200
5 OR 6	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.

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.