

KINGS COUNTY BUILDING DEPARTMENT

Location of Sewage Disposal System

<i>Minimum Horizontal Distance In Clear From:</i>	Building Sewer	Septic Tank	Disposal Field	Seepage Pit
Building or Structure ¹	2'	5'	8'	8'
Property Line Adjoining Private Property	Clear	5'	5'	8'
Property Line When Wells Are Used ^{10,11}	-	25'	50'	75'
Water Supply Wells	50' ²	50' ¹¹	100'	150'
Streams ⁵	50'	50'	100'	100'
Drainage Course or Ephemeral Streams ⁶	-	25'	50'	50'
Seepage Pits	-	5'	5'	12'
Disposal Field	-	5'	4' ³	5'
Domestic Water Line	1' ⁴	5'	5'	5'
Distribution Box	-	-	5'	5'
Public Water Well ¹²	-	150'	150'	150'
Cut or Fill Bank	-	10'	4h	4h
Lakes or Reservoirs ⁸	-	50'	200'	200'
Swimming Pools ⁹	-	10'	2h	4h

Note: When disposal fields and/or seepage pits are installed in sloping ground the minimum horizontal distance between any part of the leaching system and the ground surface shall be fifteen (15) feet.

1. Including porches and steps whether covered or uncovered, breezeways, roofed porte-cocheres, roofed patios, carports, covered walks, covered driveways and similar structures or appurtenances.
2. All non-metallic drainage piping shall clear domestic water supply wells by a minimum of fifty (50) feet. This may be reduced to not less than twenty-five (25) feet when approved metallic piping is installed. Where special hazards are involved, the distance shall be increased as may be directed by the Health Officer or the Administrative Authority.
3. Plus two (2) feet for each additional foot of depth in excess of one (1) foot below the bottom of the drain line. (See CPC, Appendix H)
4. See CPC Section 720.0
5. As measured from the line which defines the limit of a ten year frequency.
6. As measured from the edge of the channel.
7. Distance in feet equals four (4) times the vertical height of the cut of fill bank. Distance is measured from the top of edge of the bank.
8. As measured from the high water line.
9. Distance from the lip of the pool. h=depth of pool nearest disposal field or seepage pit.
10. When minimum distance between waste disposal and wells cannot be measured.
11. Unless specific Engineered Design for development is approved with subdivision/parcel map, then 5'.
12. 150 feet from any public water well where the depth of the effluent dispersal system does not exceed 10 feet.
 - a. 200 feet from a public water well where the depth of the effluent dispersal system exceeds 10 feet.
 - b. Where the effluent dispersal system is within 600 feet of a public water well and exceeds 20 feet in depth, the horizontal setback shall be sufficient to achieve a two-year time of travel for microbiological contaminants. This setback shall be determined by a qualified professional, and in no case shall the setback be less than 200 feet.
 - c. Where the effluent dispersal system is within 1,200 feet from a public water system's surface water intake point, within the catchment of the drainage, and located such that it may impact water quality at the intake point such as upstream of the intake

point for flowing water bodies, the dispersal system shall be no less than 400 feet from the high water mark of the reservoir, lake or flowing water body.

- d. Where the effluent dispersal system is located more than 1,200 feet but less than 2,500 feet from a public water system's surface water intake point, within the catchment area of the drainage, and located such that it may impact water quality at the intake point such as upstream of the intake point for flowing water bodies, the dispersal system shall be no less than 200 feet from the high water mark of the reservoir, lake or flowing water body.

LEACH LINE REQUIREMENTS

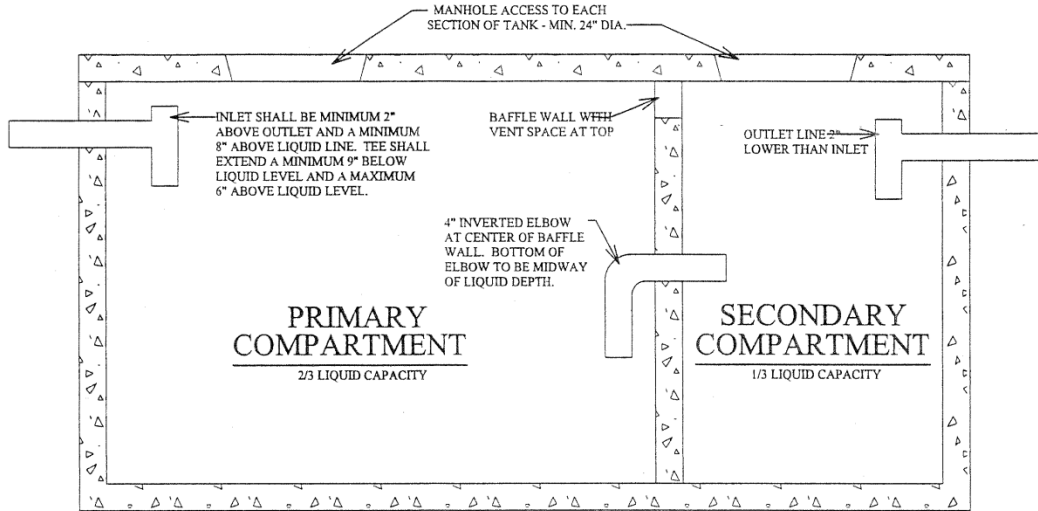
40 Square Feet Leaching per 100 Gallons Septic				
<u>GALLONS</u>	<u>TOTAL</u>	<u>LEACH LINES</u>	<u>CHAMBERS</u>	<u>EZflow</u>
	<u>SQUARE FEET</u>			
750	300	1 - 3' Wide x 100' Length	1 - 3' Wide x 70' Length	1 - 3' Wide x 70' Length
		2 - 3' Wide x 50' Length	2 - 3' Wide x 35' Length	2 - 3' Wide x 35' Length
1000	400	2 - 3' Wide x 67' Length	1 - 3' Wide x 94' Length	1 - 3' Wide x 94' Length
		3 - 3' Wide x 45' Length	2 - 3' Wide x 48' Length	2 - 3' Wide x 48' Length
1200	480	2 - 3' Wide x 80' Length	2 - 3' Wide x 56' Length	2 - 3' Wide x 56' Length
		3 - 3' Wide x 54' Length	3 - 3' Wide x 38' Length	3 - 3' Wide x 38' Length
60 Square Feet Leaching per 100 Gallons Septic				
<u>GALLONS</u>	<u>TOTAL</u>	<u>LEACH LINES</u>	<u>CHAMBERS</u>	<u>EZflow</u>
	<u>SQUARE FEET</u>			
750	450	2 - 3' Wide x 75' Length	2 - 3' Wide x 53' Length	2 - 3' Wide x 53' Length
		3 - 3' Wide x 50' Length	3 - 3' Wide x 35' Length	3 - 3' Wide x 35' Length
1000	600	2 - 3' Wide x 100' Length	2 - 3' Wide x 70' Length	2 - 3' Wide x 70' Length
		3 - 3' Wide x 67' Length	3 - 3' Wide x 47' Length	3 - 3' Wide x 47' Length
		4 - 3' Wide x 50' Length	3 - 3' Wide x 33' Length	3 - 3' Wide x 33' Length
1200	720	3 - 3' Wide x 80' Length	2 - 3' Wide x 84' Length	2 - 3' Wide x 84' Length
		4 - 3' Wide x 60' Length	3 - 3' Wide x 56' Length	3 - 3' Wide x 56' Length
90 Square Feet Leaching per 100 Gallons Septic				
<u>GALLONS</u>	<u>TOTAL</u>	<u>LEACH LINES</u>	<u>CHAMBERS</u>	<u>EZflow</u>
	<u>SQUARE FEET</u>			
750	675	3 - 3' Wide x 75' Length	2 - 3' Wide x 79' Length	2 - 3' Wide x 79' Length
		4 - 3' Wide x 57' Length	3 - 3' Wide x 54' Length	3 - 3' Wide x 54' Length
		5 - 3' Wide x 45' Length	4 - 3' Wide x 40' Length	4 - 3' Wide x 40' Length
1000	900	3 - 3' Wide x 100' Length	1 - 3' Wide x 94' Length	3 - 3' Wide x 70' Length
		4 - 3' Wide x 75" Length	4 - 3' Wide x 53' Length	4 - 3' Wide x 53' Length
		5 - 3' Wide x 60' Length	5 - 3' Wide x 42' Length	5 - 3' Wide x 42' Length

1200	1080	4 - 3' Wide x 90' Length	3 - 3' Wide x 84' Length	3 - 3' Wide x 84' Length
		5 - 3' Wide x 72' Length	4 - 3' Wide x 63' Length	4 - 3' Wide x 63' Length
		6 - 3' Wide x 60' Length	5 - 3' Wide x 51' Length	5 - 3' Wide x 51' Length

Notes:

1. No single leach line shall exceed 100 feet in length.
2. Where more than one line is needed, they should be equal in length and direction.
3. Leach lines shall be laid level. Where multiple lines are used, a distribution box shall be utilized with the outlets being 1 inch lower than the inlet.
4. Leach lines are to be a minimum of 3 feet in width with 1 foot of rock below the leach pipe. Only where restricted by limited area for proper installation shall consideration of extra rock and trench depth be given to gain amount of leach area required.
5. Gravelless products must be IAPMO certified.
 - a. Approved chamber models for use with this sizing chart are: Arc 36, Quick4 Standard, and Quick4 Plus Standard.
 - b. Approved EZflow model for use with this sizing chart is 1203H-GEO.

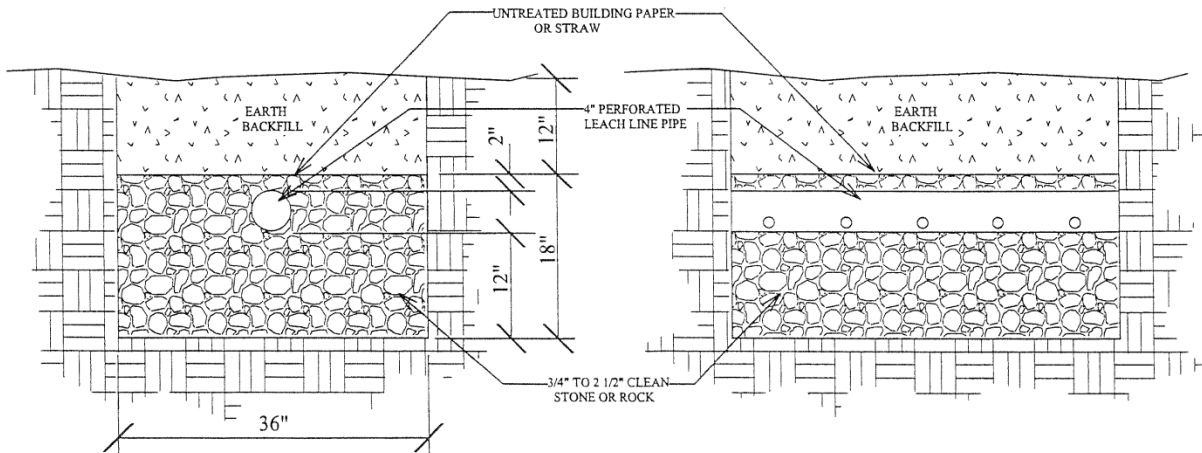
SEPTIC TANK DETAILS



MINIMUM SIZE SEPTIC TANK

NUMBER OF		MINIMUM SIZE TANK GALLONS	INSIDE DIMENSIONS			THICKNESS OF CONCRETE				REBAR
BEDROOMS	FIXTURE UNITS		LENGTH	WIDTH	DEPTH	SIDES	ENDS	FLOOR	TOP	TOP
1 OR 2	15	750	8' - 0"	3' - 6"	5' - 0"	5"	5"	5"	4"	#4 @9" O.C.
3 OR 4	20	1000	10' - 0"	3' - 6"	5' - 0"	5"	5"	5"	4"	#4 @9" O.C.
5 OR 6	25	1200	12' - 0"	3' - 6"	5' - 0"	5"	5"	5"	4"	#4 @9" O.C.

LEACH LINE DETAILS





KINGS COUNTY PLANNING AGENCY

Septic Tank Absorption Field Minimum Requirements (FIGURE "B")

LEGEND

Sq. Ft. of Leaching Area Required per 100 Gallons of Septic Tank Capacity

Engineering Required	
40 Sq. Ft. - Soil Type "A"	
60 Sq. Ft. - Soil Type "B"	
90 Sq. Ft. - Soil Type "C"	

Map prepared by: KINGS COUNTY PLANNING AGENCY, March 3, 2001

