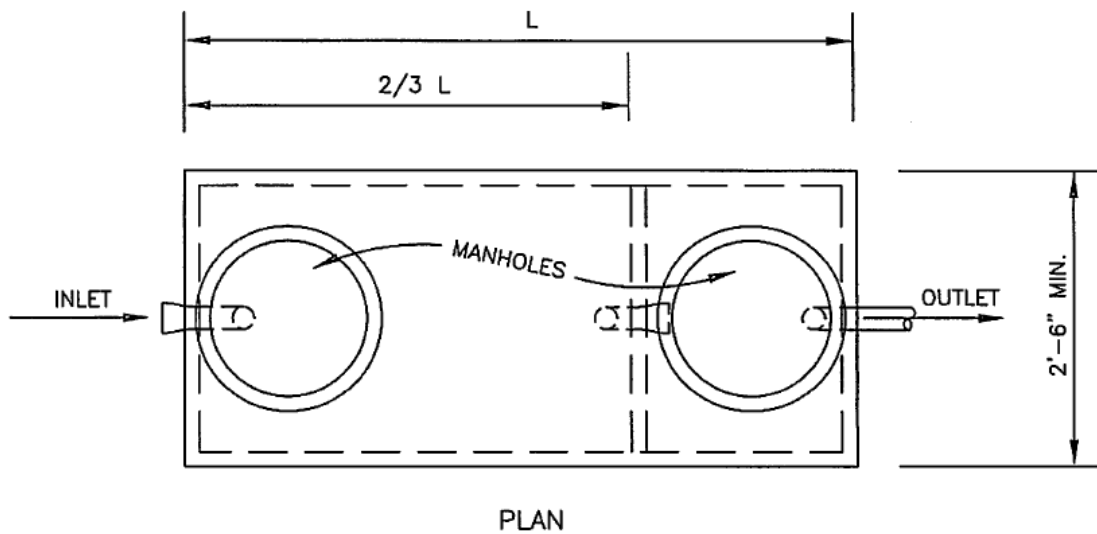
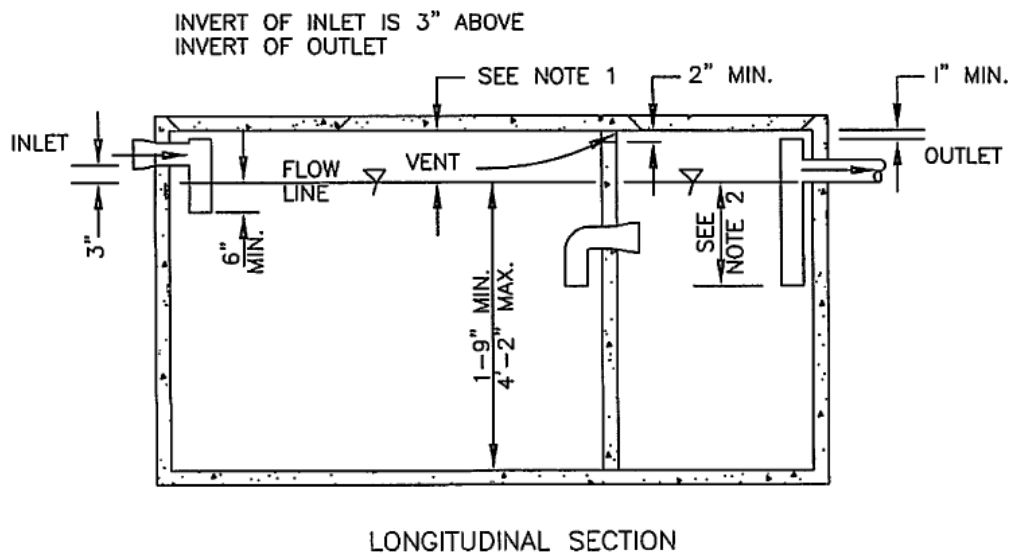




NOTE: SEE REGULATIONS FOR
CONCRETE THICKNESS
AND REINFORCEMENT

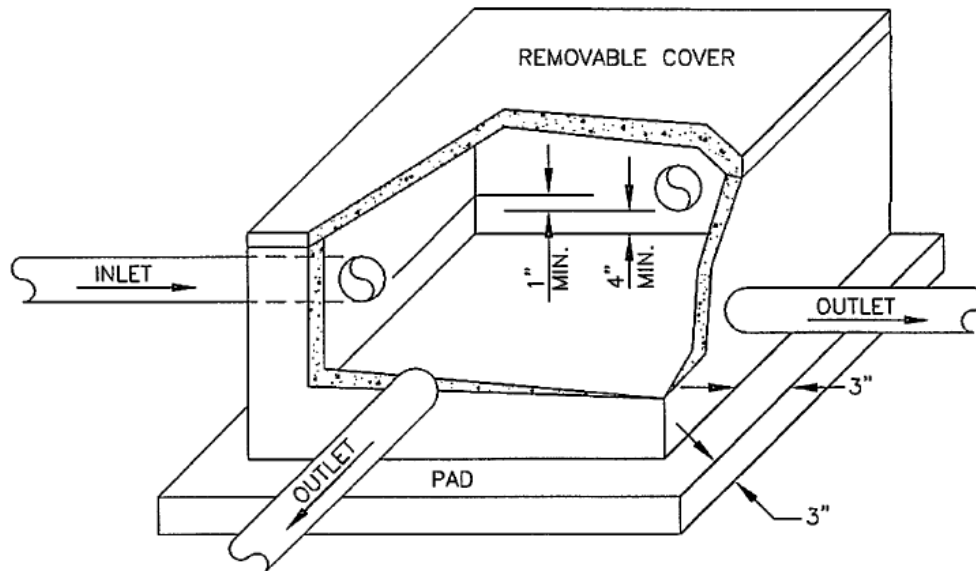
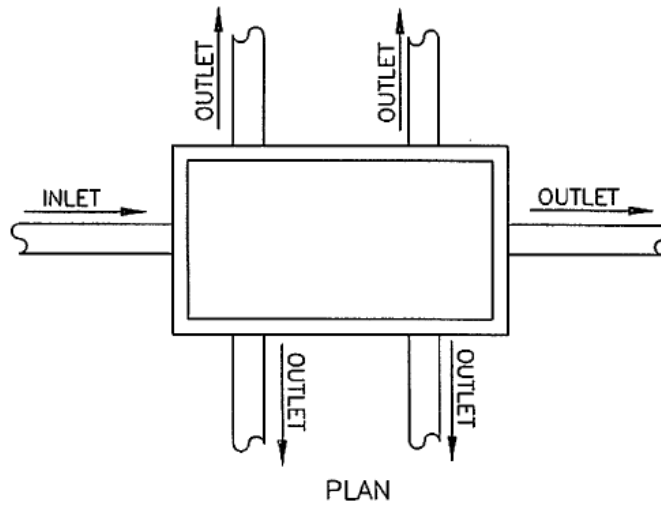


NOTES:

1. 9" OR 20% OF TOTAL LIQUID DEPTH
2. 40% OF TOTAL LIQUID DEPTH

TWO COMPARTMENT SEPTIC TANK
N.T.S.

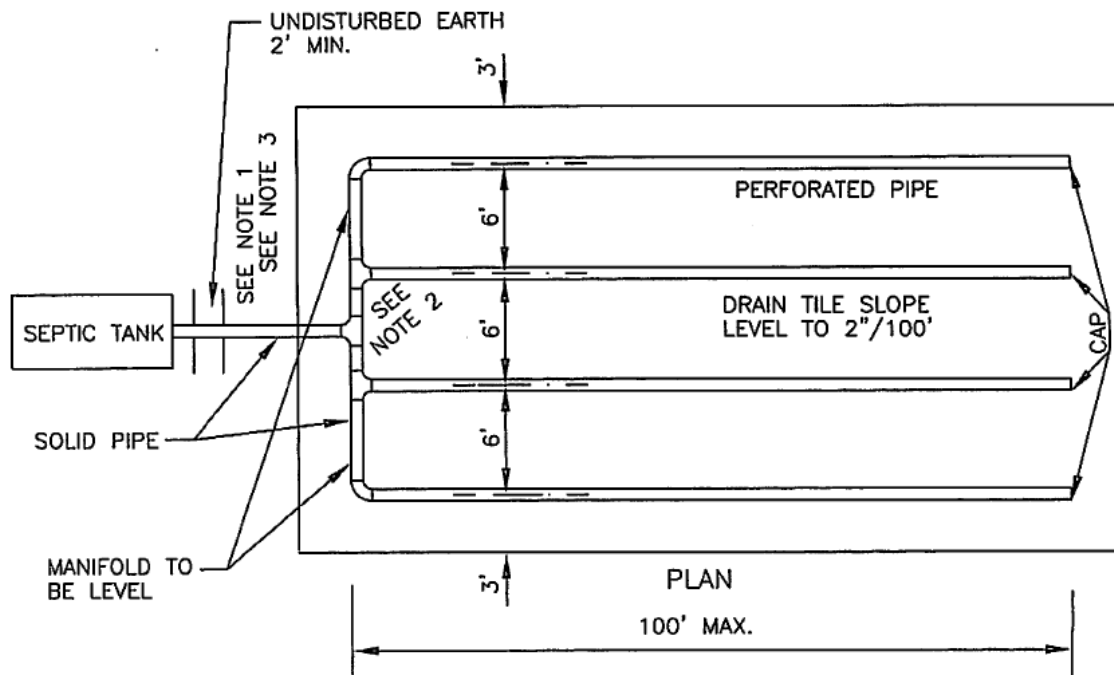
FIGURE 2



NOTES:

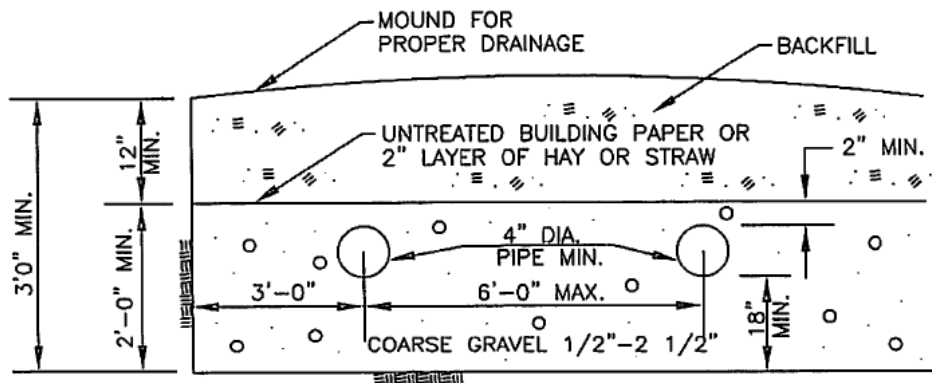
1. ALL OUTLET INVERTS ARE TO BE LEVEL AND FROM 4" TO 6" ABOVE THE FLOOR OF THE BOX.
2. INLET INVERT HEIGHT IS TO BE 1" MIN. ABOVE OULET INVERTS.
3. EACH FIELD LATERAL IS TO BE CONNECTED INDIVIDUALLY TO THE DISTRIBUTION BOX AND IS NOT TO BE SUBDIVIDED.

DISTRIBUTION BOX DETAIL
N.T.S. FIGURE 3



NOTES:

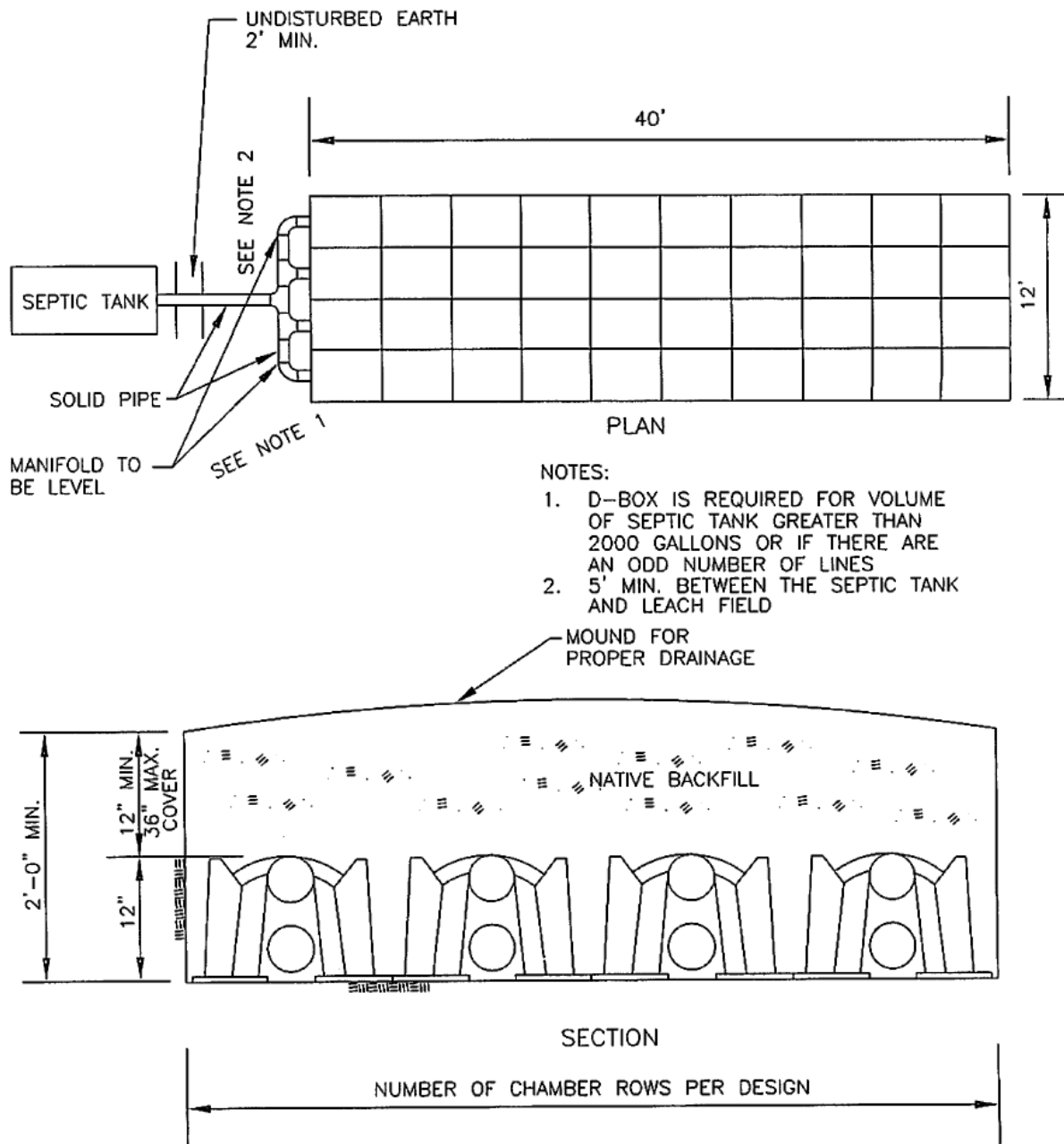
1. WIDTH OF BED IN MULTIPLES OF 6'
2. D-BOX IS REQUIRED WHEN VOLUME OF SEPTIC TANK GREATER THAN 2000 GALLONS OR IF THERE ARE AN ODD NUMBER OF LINES
3. 5' MIN. BETWEEN THE SEPTIC TANK AND LEACH FIELD



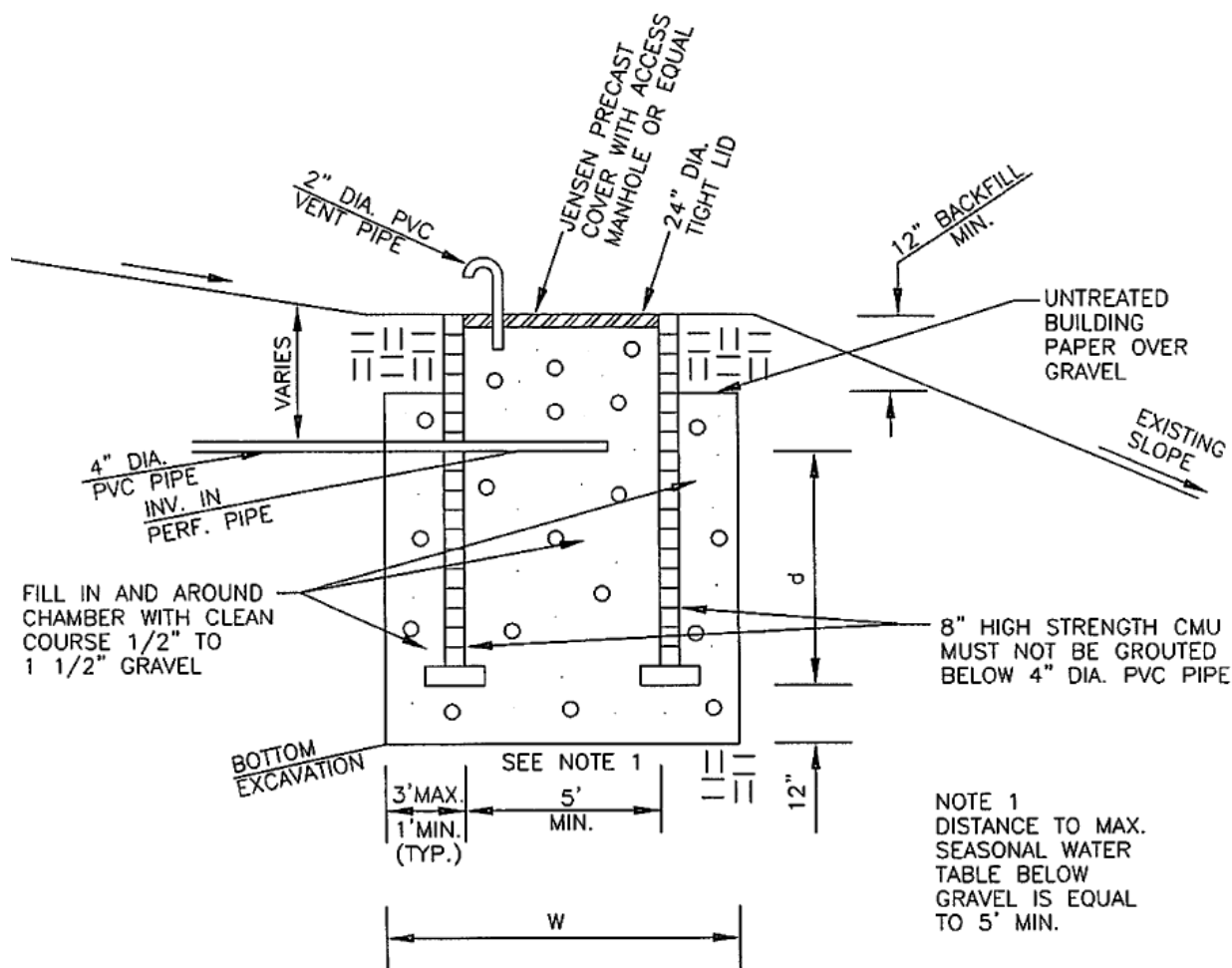
SECTION

TYPICAL SEEPAGE BED
PIPE AND GRAVEL SYSTEM
N.T.S.

FIGURE 4



TYPICAL SEEPAGE BED
CHAMBER SYSTEM
N.T.S. FIGURE 5



$$\text{ABSORPTION AREA} = 2dW + 2dL$$

$$d < W \text{ OR } L$$

d=EFFECTIVE DEPTH BELOW 4"DIA. PIPE

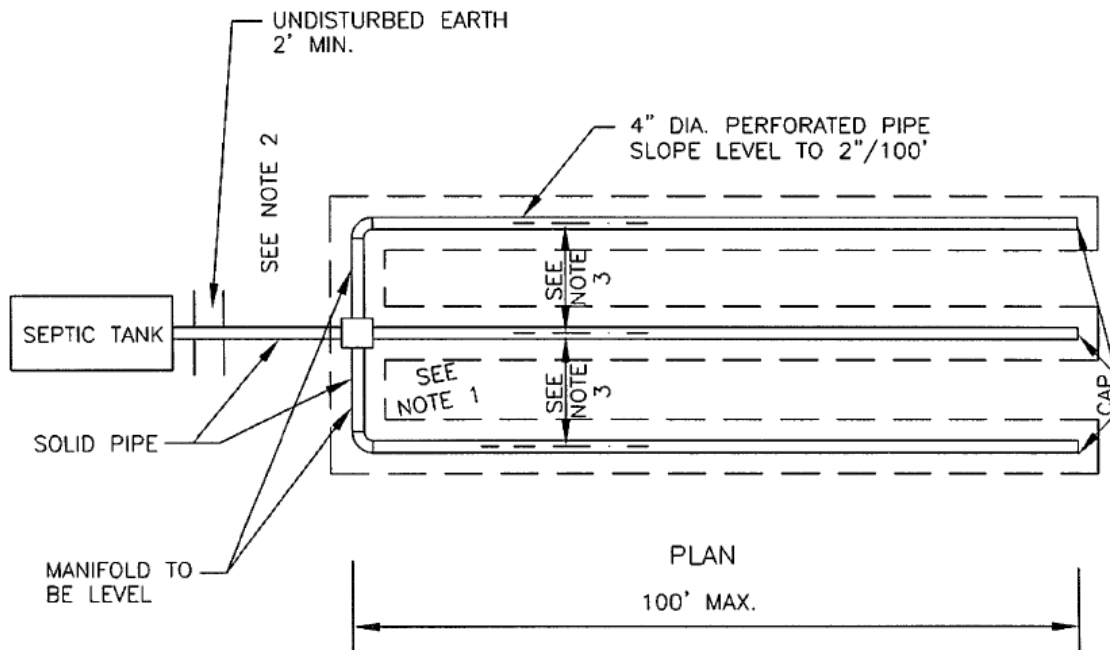
W=WIDTH OF PIT

L=LENGTH OF PIT

RECTANGULAR LEACH PIT

N.T.S.

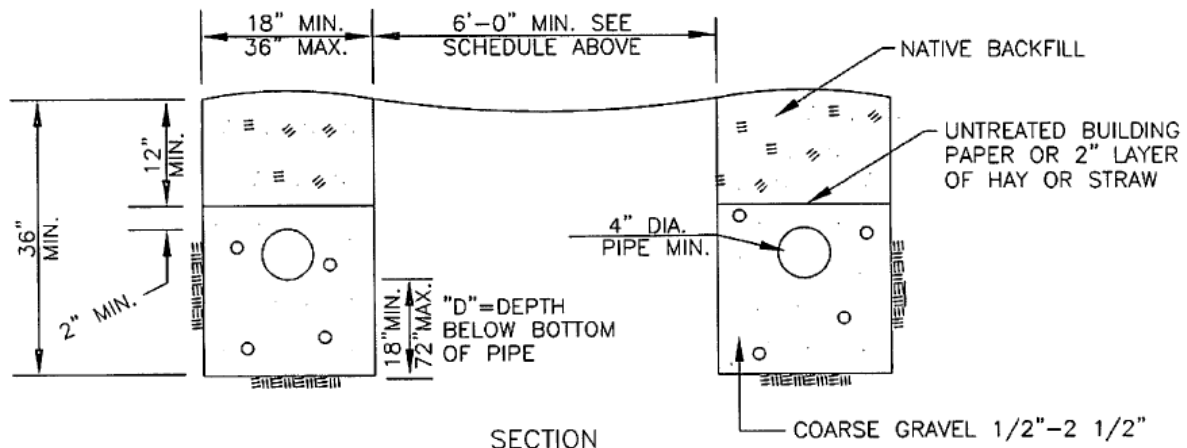
FIGURE 6



SCHEDULE

DEPTH "D" BELOW PIPE	MIN. DIST. BETWEEN TRENCH SIDEWALLS
18" - 23"	6' - 7'
24" - 29"	7' - 8'
30" - 36"	8' - 9'

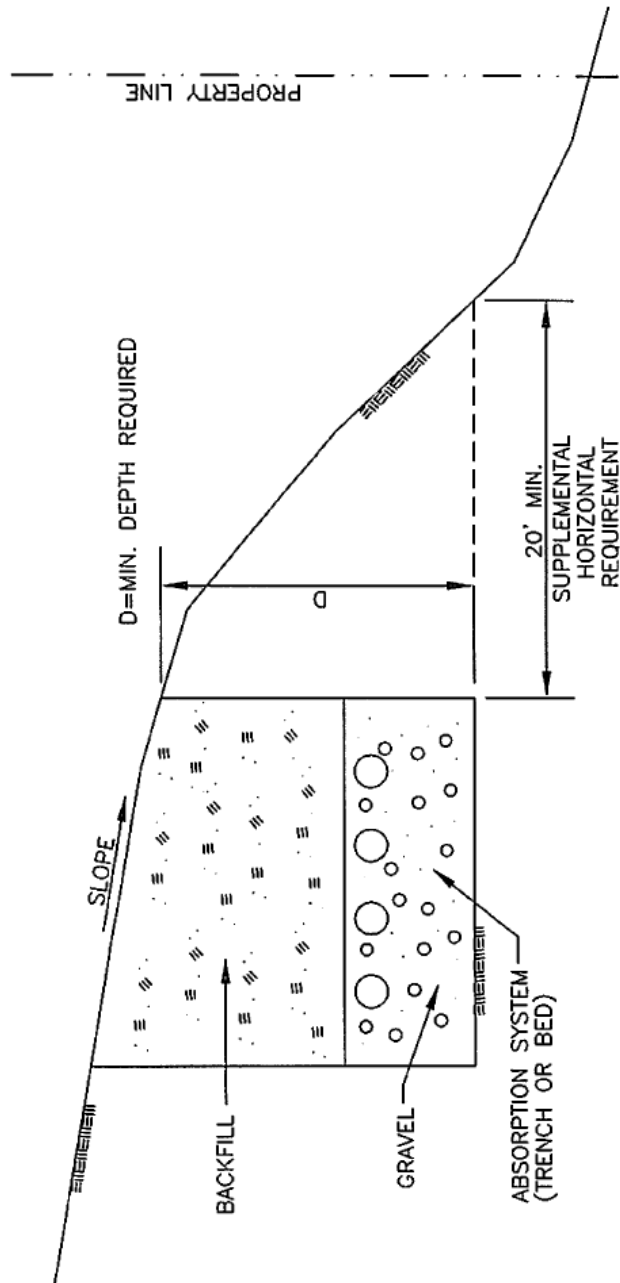
1. D-BOX IS REQUIRED WHEN VOLUME OF SEPTIC TANK GREATER THAN 2000 GALLONS OR IF THERE ARE AN ODD NUMBER OF LINES
2. 5' MIN. BETWEEN THE SEPTIC TANK AND LEACH FIELD
3. DISTANCE BETWEEN TRENCHES VARIES, SEE SCHEDULE BELOW



ABSORPTION TRENCH

N.T.S.

FIGURE 7

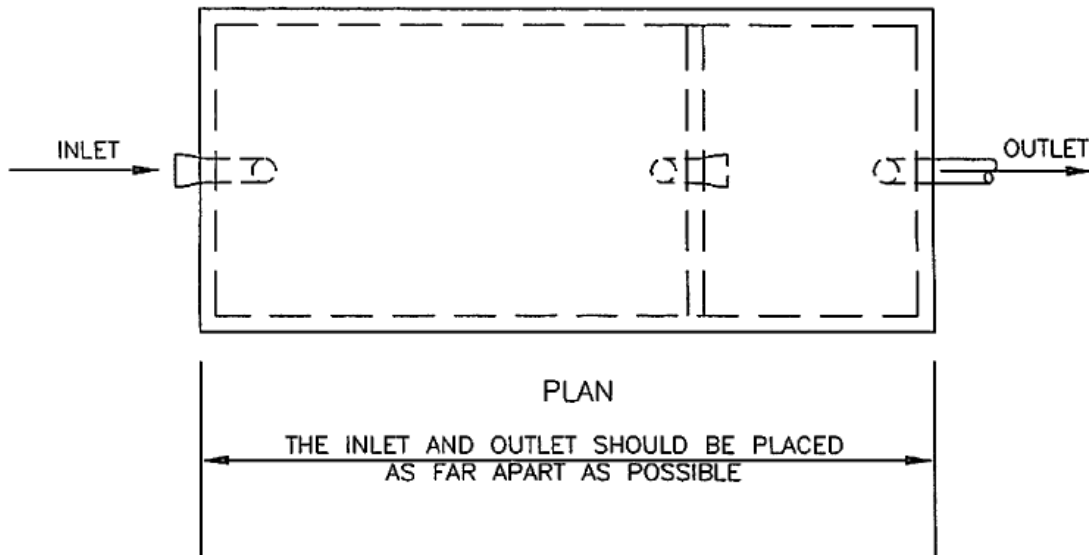


SLOPE	D
0% - 5%	3'-0"
5% - 10%	4'-0"
10% - *20%	5'-0"

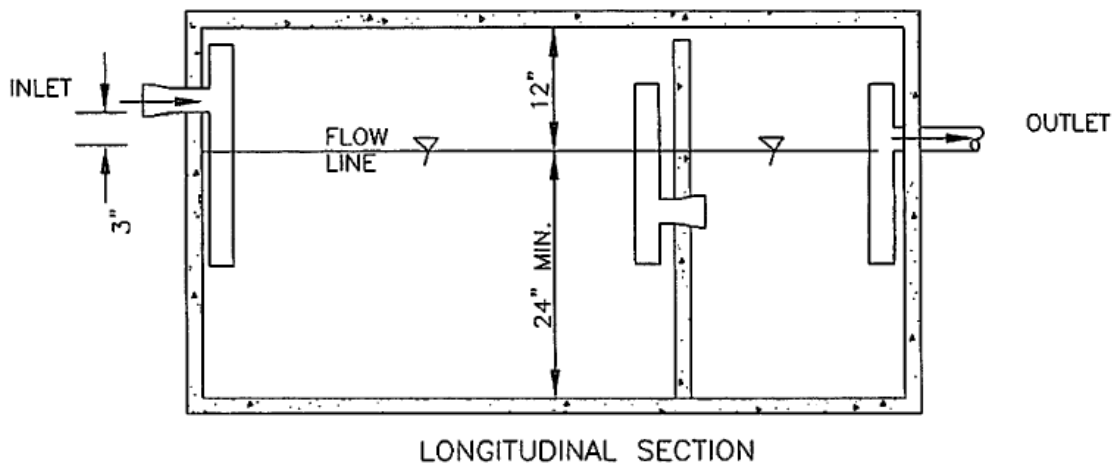
* FOR SLOPES GREATER THAN 20%
USE EQUATION $D = 10 \times \text{SLOPE} + 3'$

EXAMPLE
IF $S = 27\%$ THEN $D = 10 \times 0.27 + 3' = \underline{5.7 \text{ FEET}}$

FIGURE 8



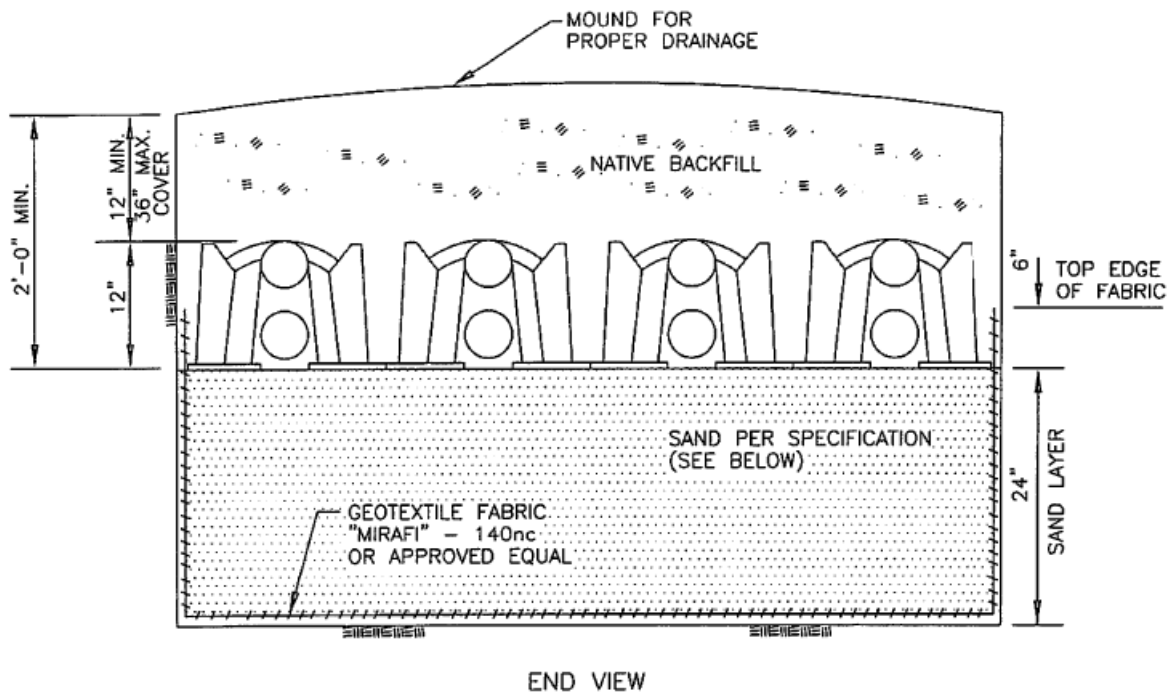
INVERT OF INLET IS 3" ABOVE
INVERT OF OUTLET



GREASE INTERCEPTOR

N.T.S.

FIGURE 9



SAND SPECIFICATION - BELOW CHAMBER BED PLACE A TWO (2) FOOT THICK LAYER OF A FINE SAND OR A LOAMY SAND WITH THE FOLLOWING GRADATION AND REQUIREMENTS:

SIEVE SIZE	PERCENTAGE BY WEIGHT PASSING
3/8"	100%
No. 4	80 - 100%
No. 200	0 - 5%

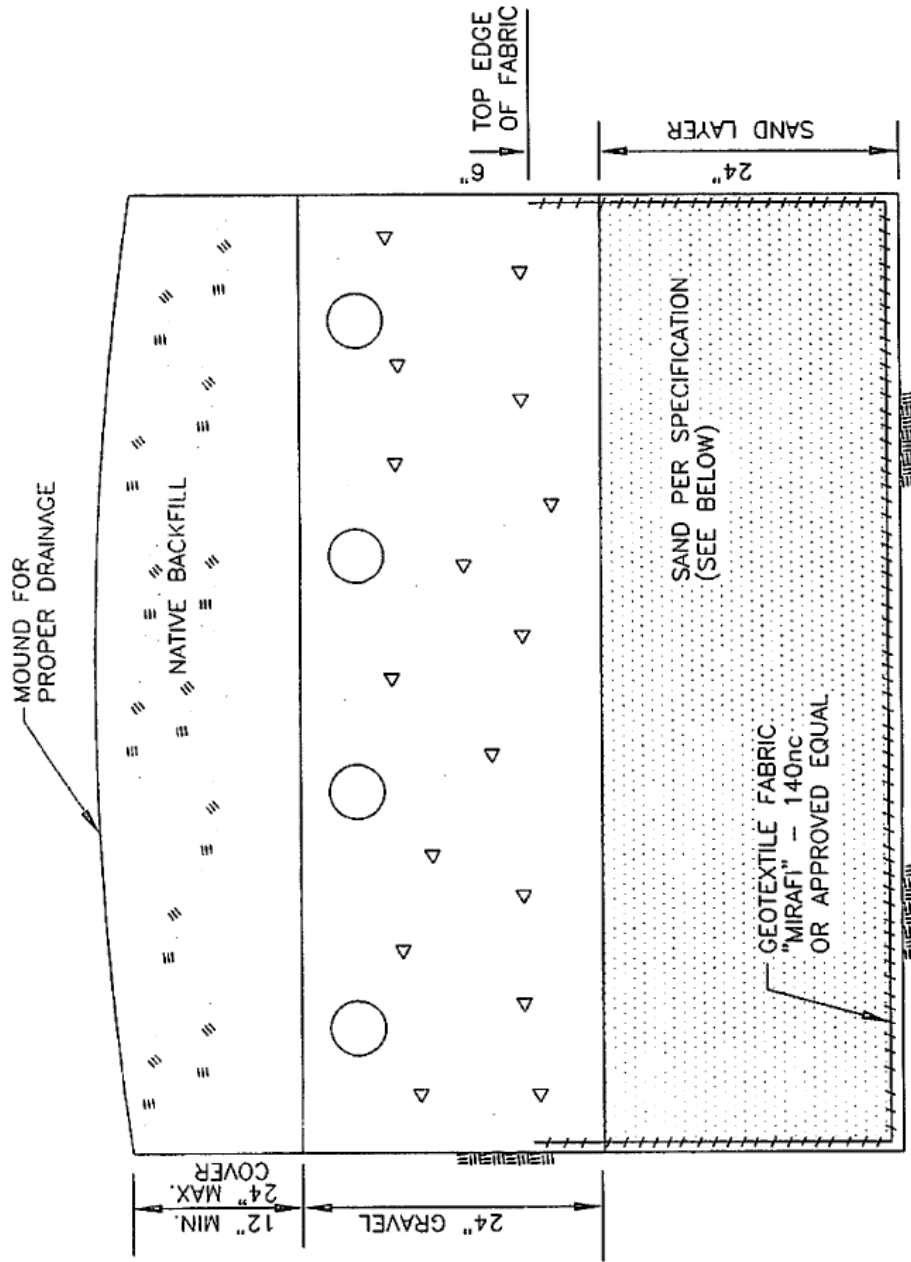
THE PLASTICITY INDEX SHALL NOT EXCEED 9. THE SOLUBLE SULFATE CONTENT SHALL NOT EXCEED 0.3% BY DRY WEIGHT. THE UNIFORMITY COEFFICIENT SHALL BE LESS THAN 4. THE INFILTRATION RATE SHALL BE BETWEEN 1.5 GPD/SF AND 2.5 GPD/SF.

SAND LAYER DETAIL

CHAMBER SYSTEM

N.T.S.

FIGURE 10



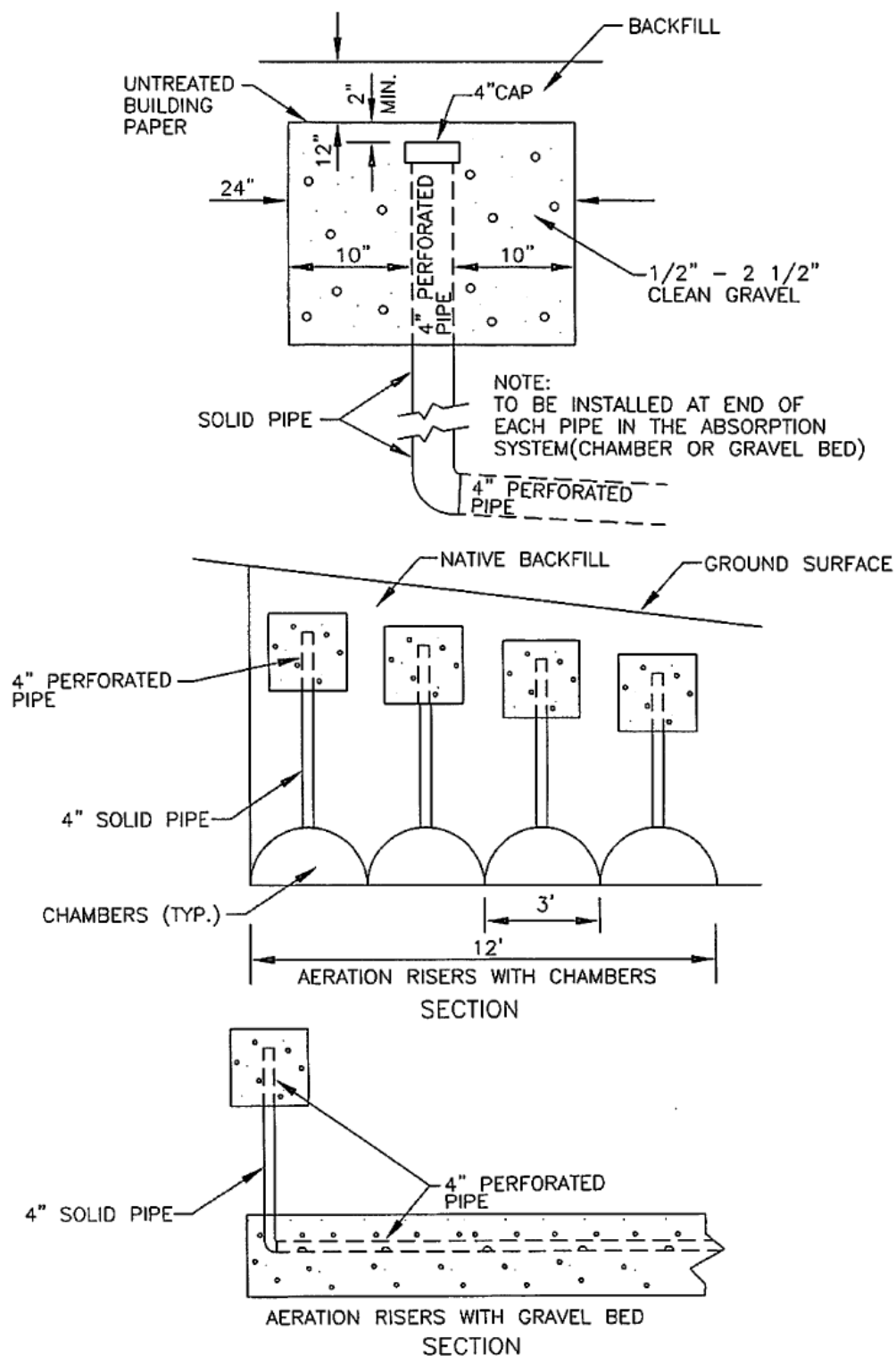
END VIEW

SIEVE SIZE	PERCENTAGE BY WEIGHT PASSING
3/8"	100%
No. 4	80 - 100%
No. 200	0 - 5%

THE PLASTICITY INDEX SHALL NOT EXCEED 9. THE SOLUBLE SULFATE CONTENT SHALL NOT EXCEED 0.3% BY DRY WEIGHT. THE UNIFORMITY COEFFICIENT SHALL BE LESS THAN 4. THE INFILTRATION RATE SHALL BE BETWEEN 1.5 GPD/SF AND 2.5 GPD/SF.

SAND SPECIFICATION - BELOW GRAVEL PLACE A TWO (2) FOOT THICK LAYER A FINE SAND OR A LOAMY SAND WITH THE FOLLOWING GRADATION AND REQUIREMENTS:

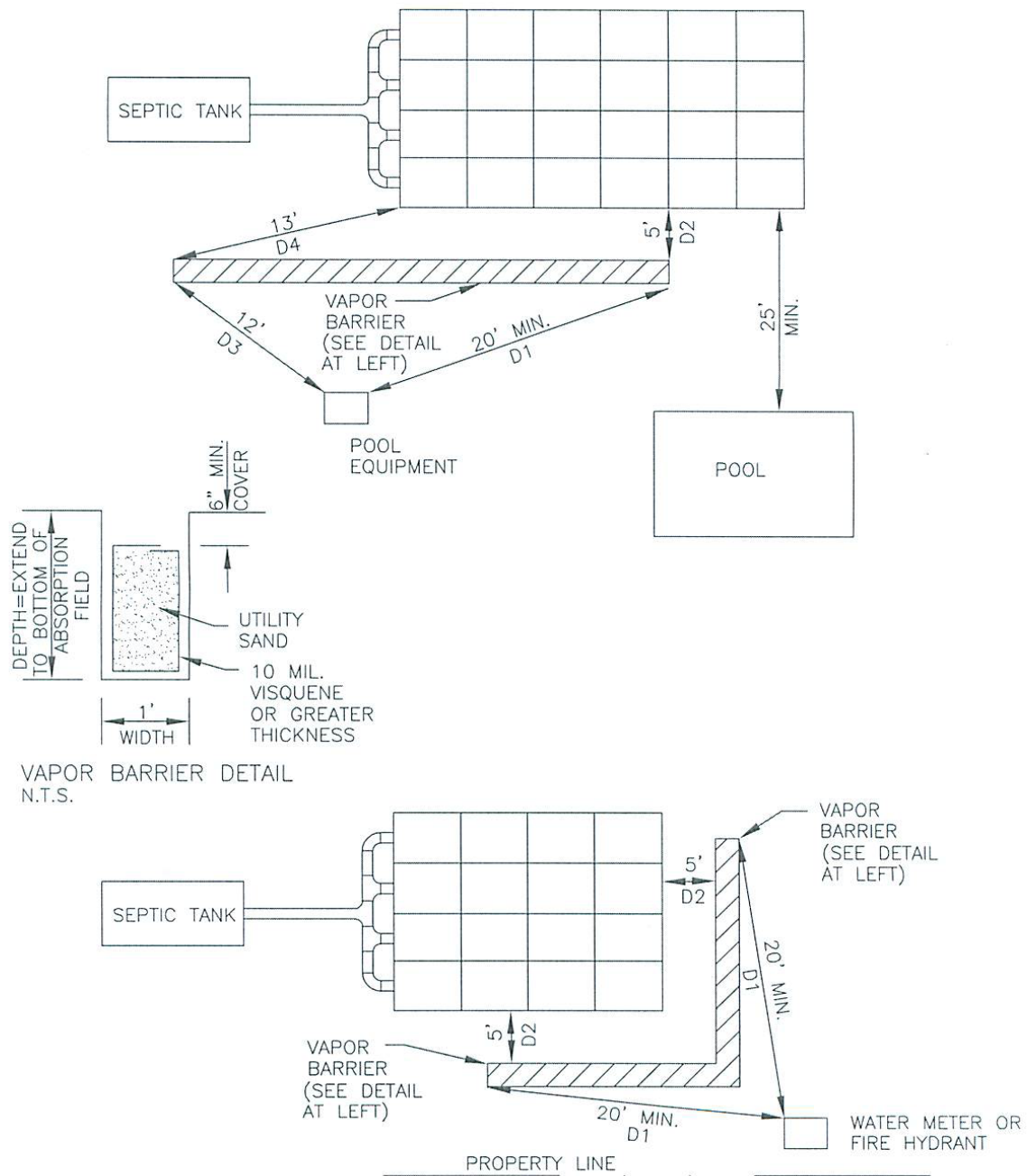
SAND LAYER DETAIL
PIPE AND GRAVEL SYSTEM
N.T.S. FIGURE 10A



AERATION RISER DETAILS

N.T.S.

FIGURE 11



VAPOR BARRIER DETAILS
N.T.S. FIGURE 12