

On-Site Sewage System (OSS) Application

Name CRABTREE Jerry
 Last First
 Address 2286 E BADGER RD
EVERSON WA 98247
 Phone 966-4314

WHATCOM COUNTY
 HEALTH DEPARTMENT
 509 Girard Street
 Bellingham, WA 98225
 (360) 676-6724

Fee 390. - w/plot
 Receipt # 0486
 Date 2-5-07
 By DB

Address of Site 2405 Birch Bay Lynden RD Parcel # 400230
 N SE E W Side of Birch Bay Lynden Rd. 0.1 Miles N S E W of Deer Dr Rd
 Lot size 2.49 No. of bedrooms 4 Water source Custer WATER Watershed Code 0-1
 Septic tank capacity 1000 gallons Receiving soil loading rate 1.0 gal/sq.ft./day
 Pump tank capacity 1000 gallons Water Table Depth >75"

APPLICATION TYPE: ☒ New Construction ☐ Repair ☐ As-built ☐ Expansion

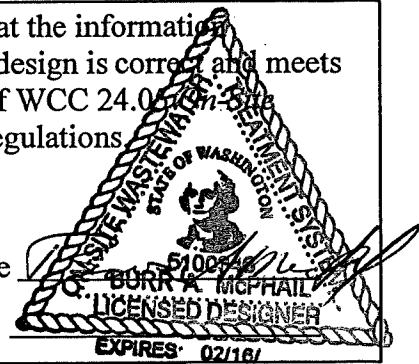
Soil horizons to 5' or impermeable layer:

SL 3A	SL 3B
0-33" Loamy med sand	0-25" Loamy med sand
33-72" MED SAND	25-75" Medium sand

I hereby certify that the information submitted on this design is correct and meets all requirements of WCC 24.05.27 On-Site Sewage System Regulations

Designer Signature BURR A McPHAIL

Date of Submittal 2/5/07



Comments: LOT 3 Conventional Gravity

-Health Department Use Only -

Comments 3/12/07 SL3A 0-35" loamy sand, 35-72" medium sand, dry to bottom.
SL3B 0-25" loamy sand, 25-71" medium sand, dry to bottom.

Main drainfield staked as shown. Dosing gravity, if questions on pump sizing arise contact designer.

Permit may be issued when tax parcel # issued for lot. KD

☐ Application & Permit approved _____ Date _____

OSS System Type Dosing Gravity

Conditions _____

☐ Application not approved _____ Date _____

Reasons _____

Pursuant to WCC 24.05.27 (1) Notice of decision - Adjudicative Proceeding "Any decision or action of the local health officer with respect to installation permits of an OSS may be appealed to the Sewage Control Appeals Board." Contact Environmental Health for further information and the procedure. A fee is charged.

2-5-07 JCL 0486 Check 390.00

SURVEY PIN

Owner: Jerry Crabtree

Site: Birch Bay Lynden Rd

Tax Parcel# 400230

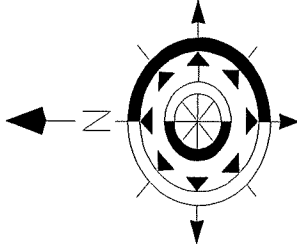
Designer: Burr McPhail

Drainfield: 10'x 48'

Septic Tank: 1000 gallon

Pump Tank: 1000 gallon

Scale 1"=40'

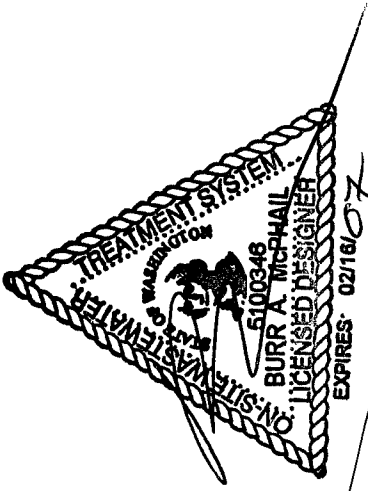


2.49 ACRES

RESERVE AREA

1000 GALLON BODE'S
TANKS OR EQUIVALENT

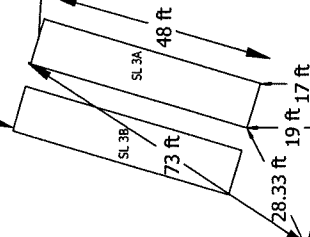
PROPOSED FOUR
BEDROOM HOUSE



PUMP TANK TO DOSE ON
DEMAND TO GRAVITY BED
WITH A TANK ALERT
FOR HIGH WATER ALARM

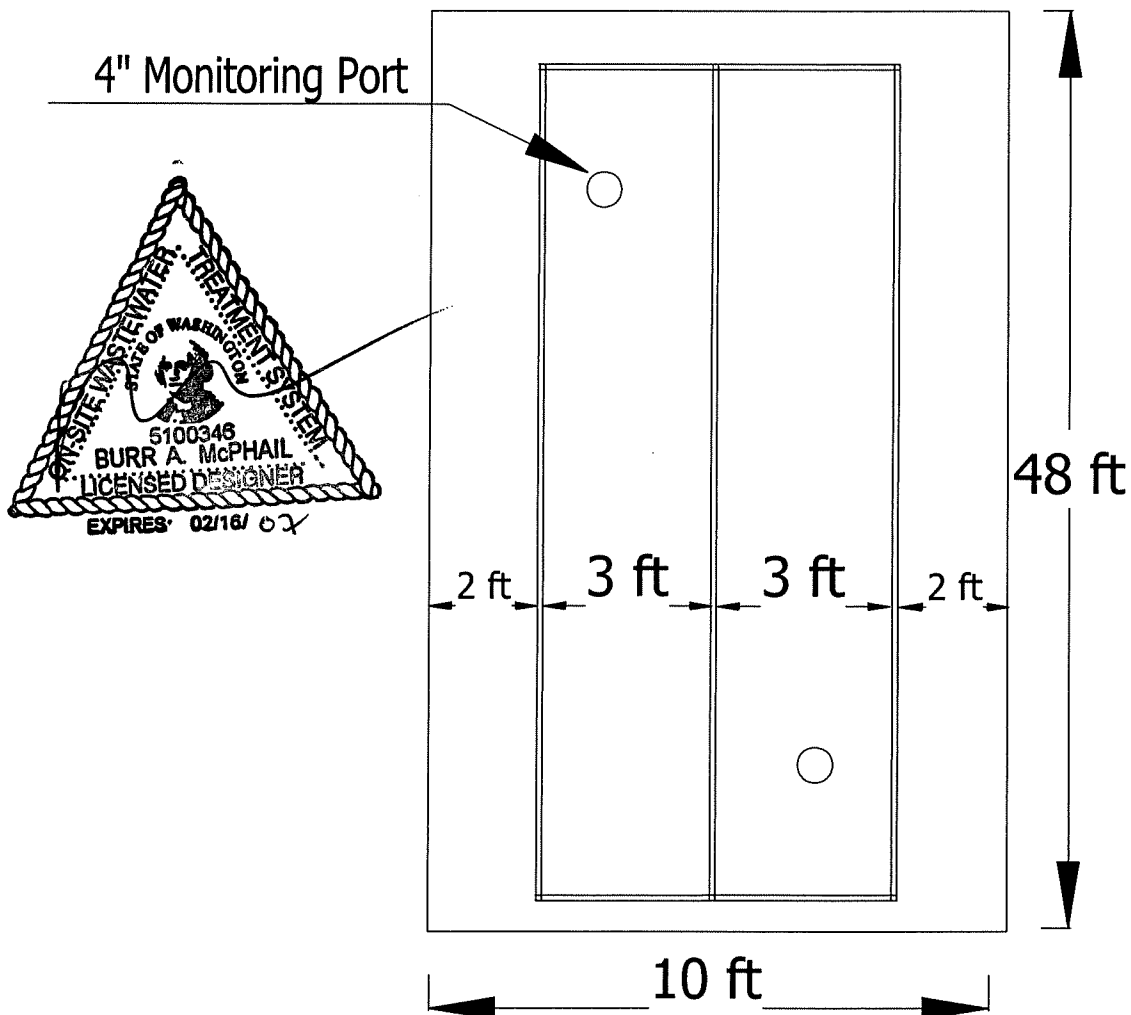
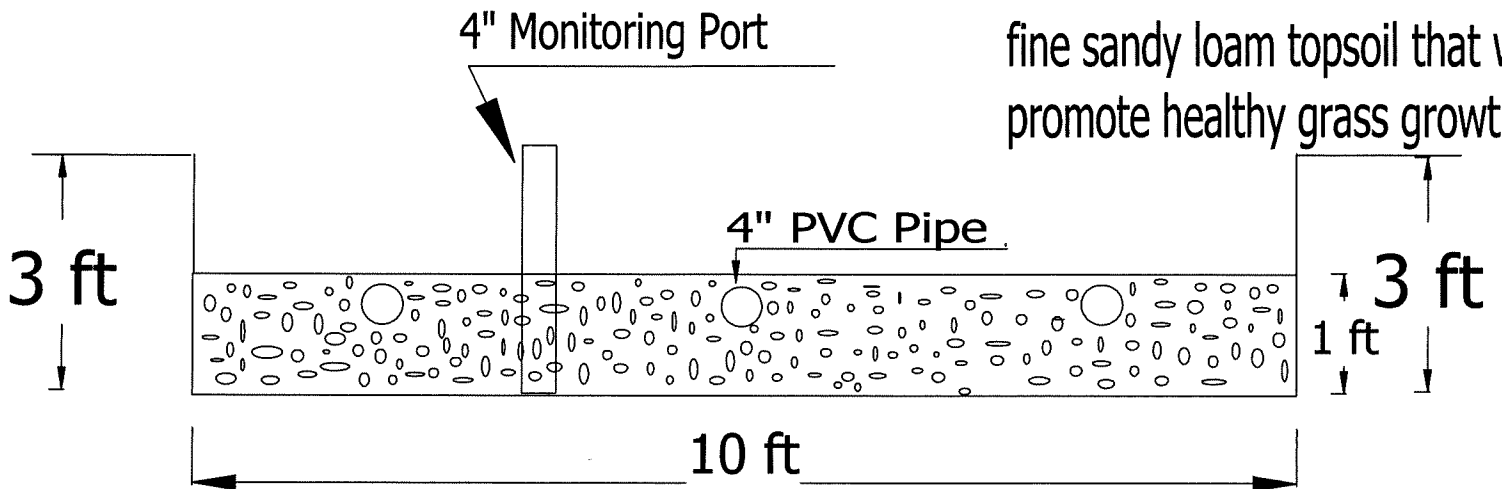
LOT 3

SURVEY PIN

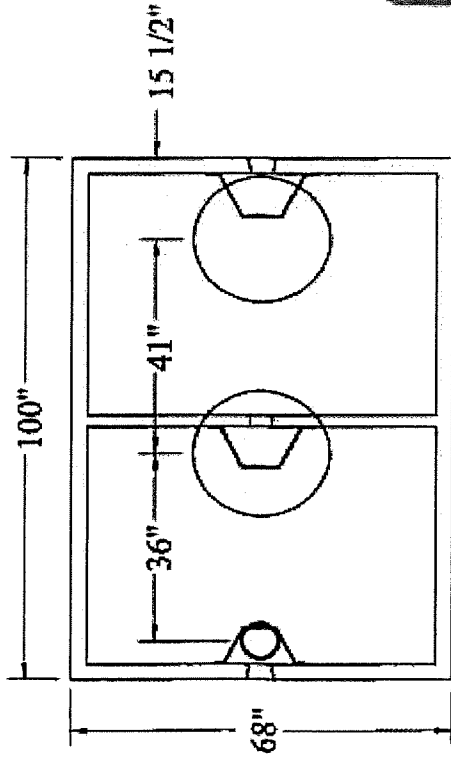


MAXIMUM DEPTH OF INSTALLED SYSTEM AT ANY POINT IS 3 FEET

Cover should be a medium to fine sandy loam topsoil that w promote healthy grass growth

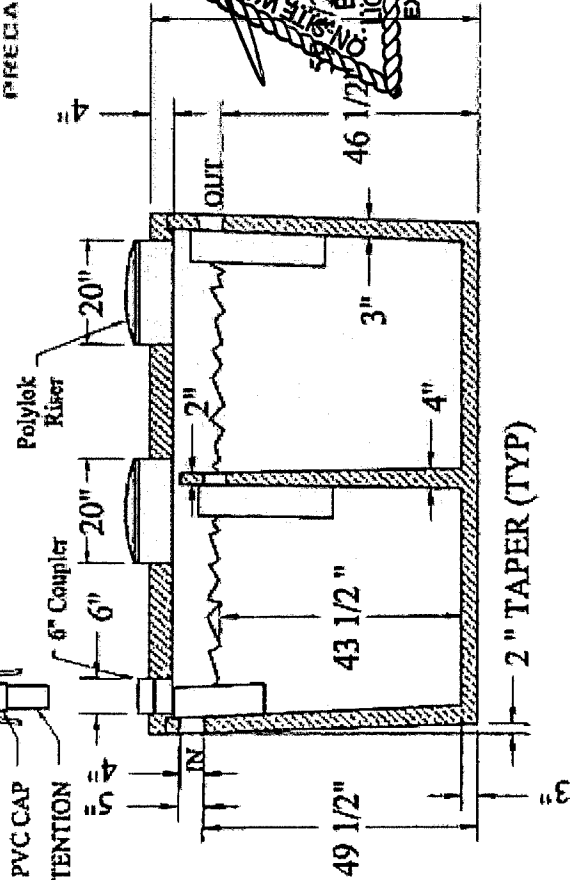


TYPICAL 1000 GALLON SEPTIC TANK

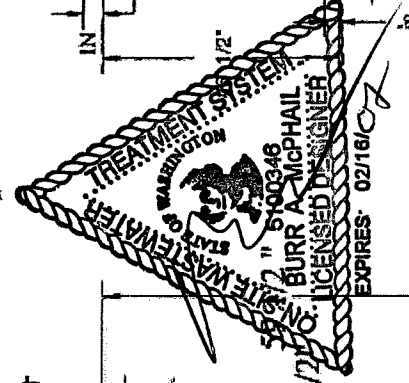
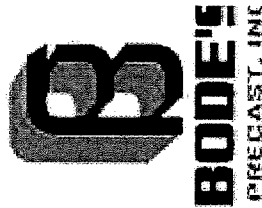


TOP VIEW

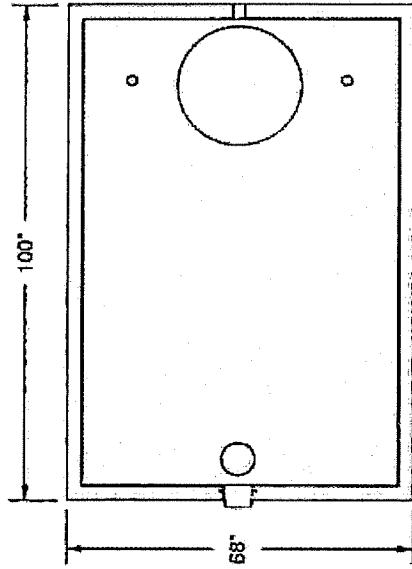
PLASTIC KIT:
10" VALVE BOX
6" PVC CAP
6" EXTENSION



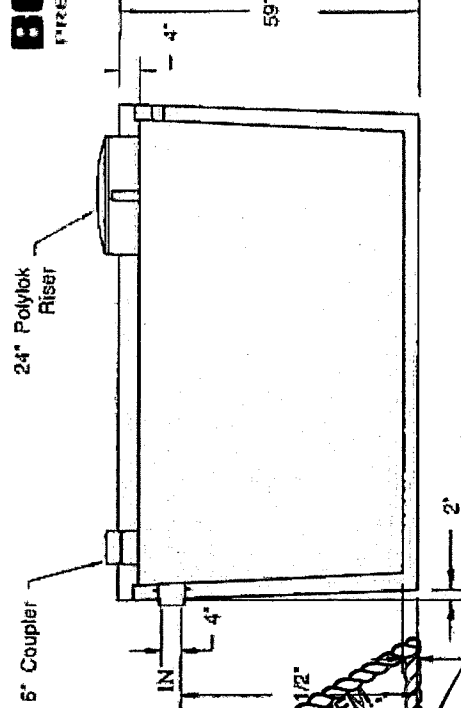
SIDE VIEW



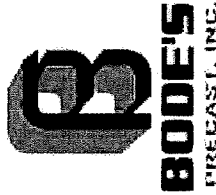
TYPICAL 1000 GALLON PUMP TANK



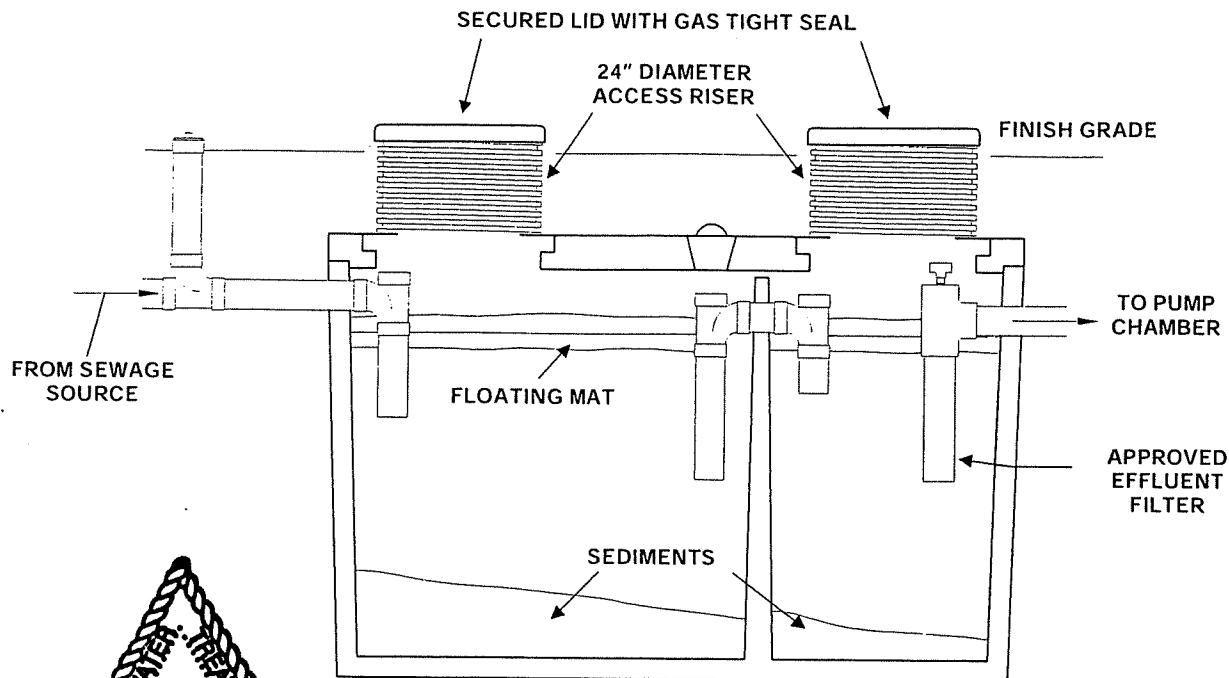
TOP VIEW



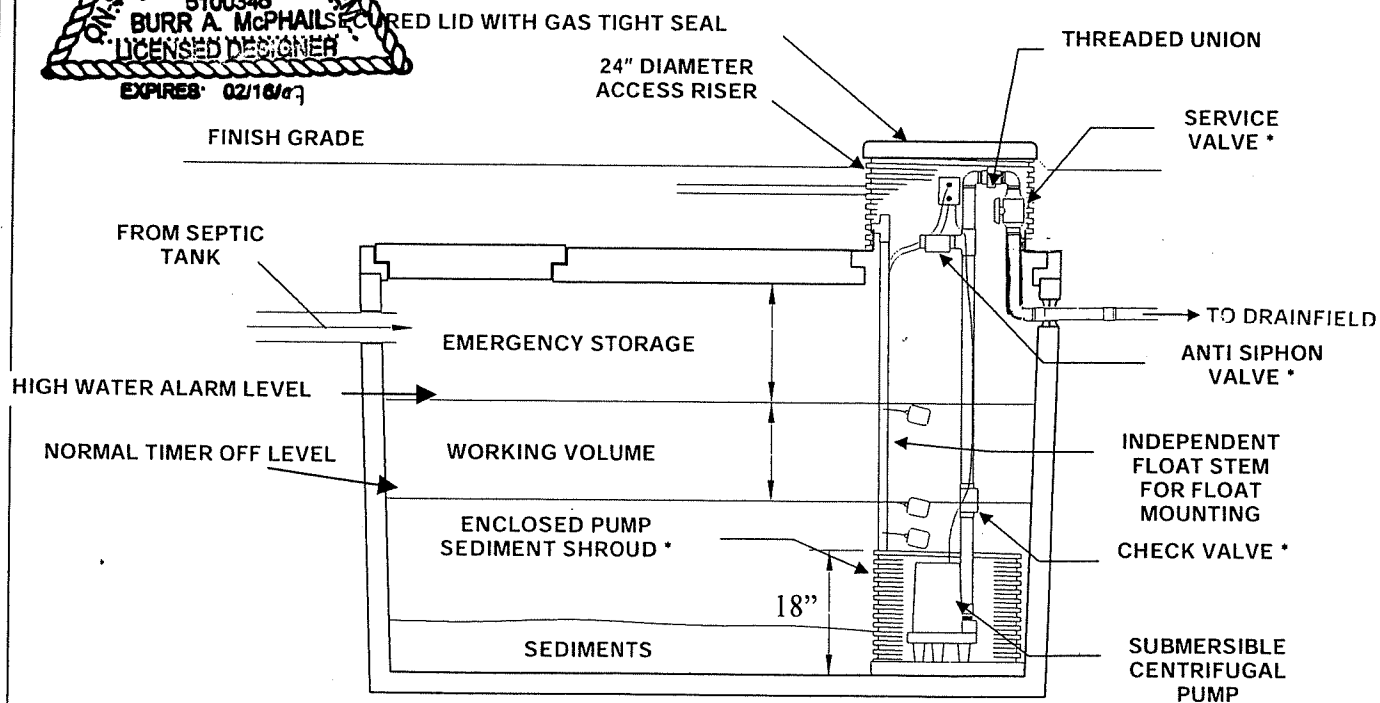
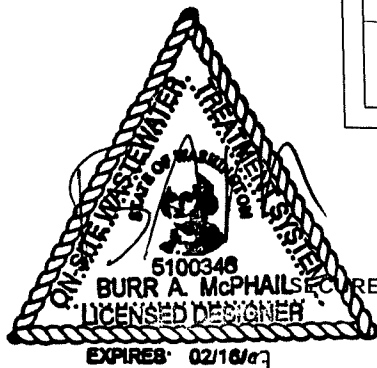
SIDE VIEW



1. CONCRETE: 28 DAY STRENGTH = 4000 PSI
2. REBAR: ASTM A 615 GRADE 60
3. MESH: ASTM A-185 GRADE 65



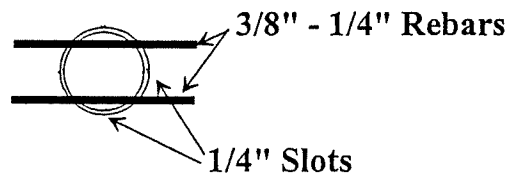
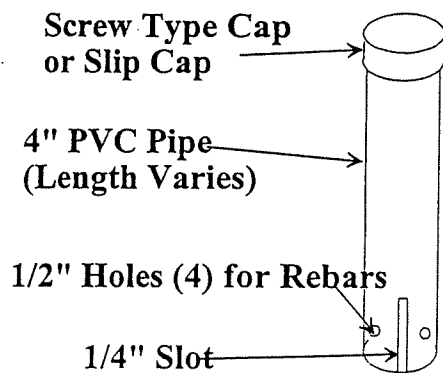
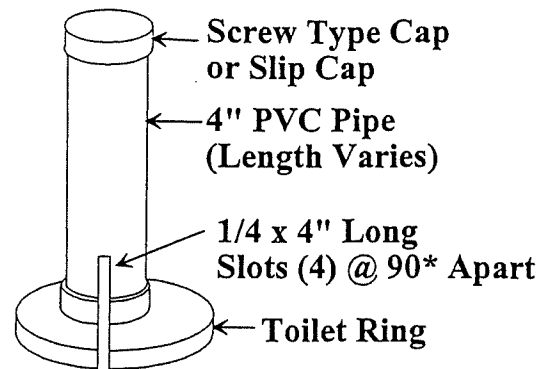
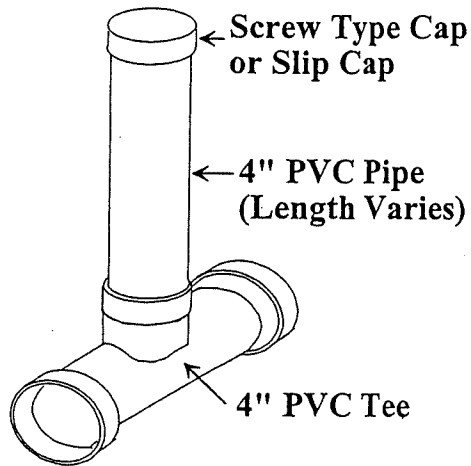
**SEPTIC TANK
(TYPICAL)**



**PUMP CHAMBER
(TYPICAL)**

* AS NEEDED

FIGURE 2



END VIEW (BOTTOM)

