

# 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 390.00 w/ plat  
 Receipt # 0486  
 Date 2-5-07  
 By DB

Address of Site 2405 Birch Bay Lynden RD Parcel # 400230  
 N S E W Side of Birch Bay Lynden Rd. 0.1 Miles N S S W of DEAN DR Rd.  
 Lot size 2.06 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:

| SL2A                     | SL2B                      |
|--------------------------|---------------------------|
| 0-8" <u>Sandy loam</u>   | 0-10" <u>SANDY loam</u>   |
| 8-75" <u>medium sand</u> | 10-75" <u>medium sand</u> |

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 Submission 02/12/07  
 LICENSED DESIGNER  
 EXPIRES 02/12/07

Comments: LOT 2 Conventional Gravity

## -Health Department Use Only -

Comments 3/12/07 SL2A 0-14" sandy loam, 14-71" medium sand, dry to bottom  
SL2B 0-10" sandy loam, 10-70" 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. Rd

☐ Application & Permit approved \_\_\_\_\_ Date \_\_\_\_\_

OSS System Type Dosing Gravity

Conditions \_\_\_\_\_

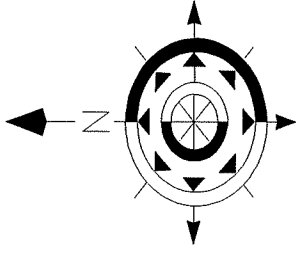
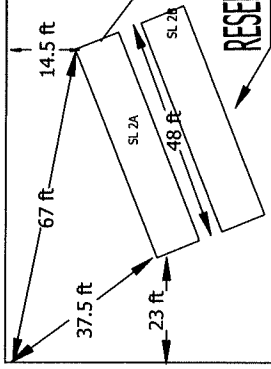
☐ Application not approved \_\_\_\_\_ Date \_\_\_\_\_

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



LOT 2

2.06 ACRES

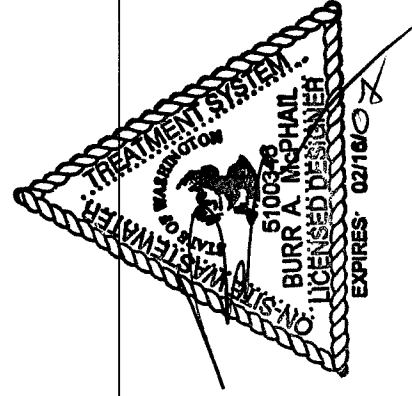
PROPOSED FOUR  
BEDROOM HOUSE

1000 GALLON BODE'S  
TANKS OR EQUIVALENT

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

Drainfield: 10'x 48'  
Septic Tank: 1000 gallon  
Pump Tank: 1000 gallon  
Scale 1"=40'

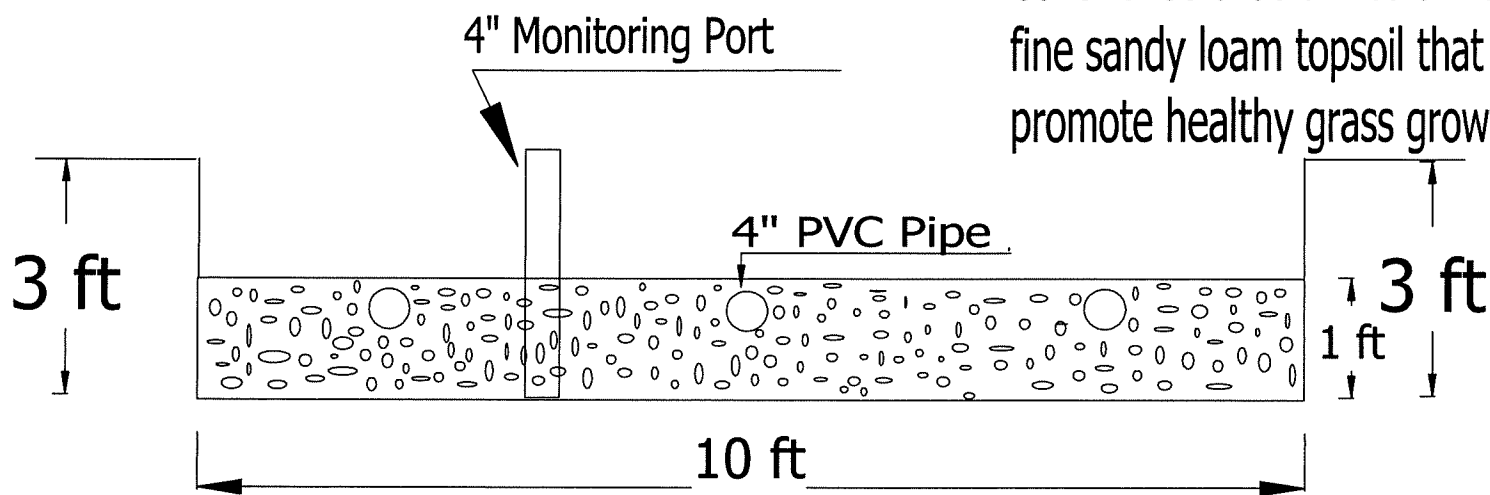
Owner: Jerry Crabtree  
Site: Birch Bay Lynden Rd  
Tax Parcel# 400230  
Designer: Burr McPhail



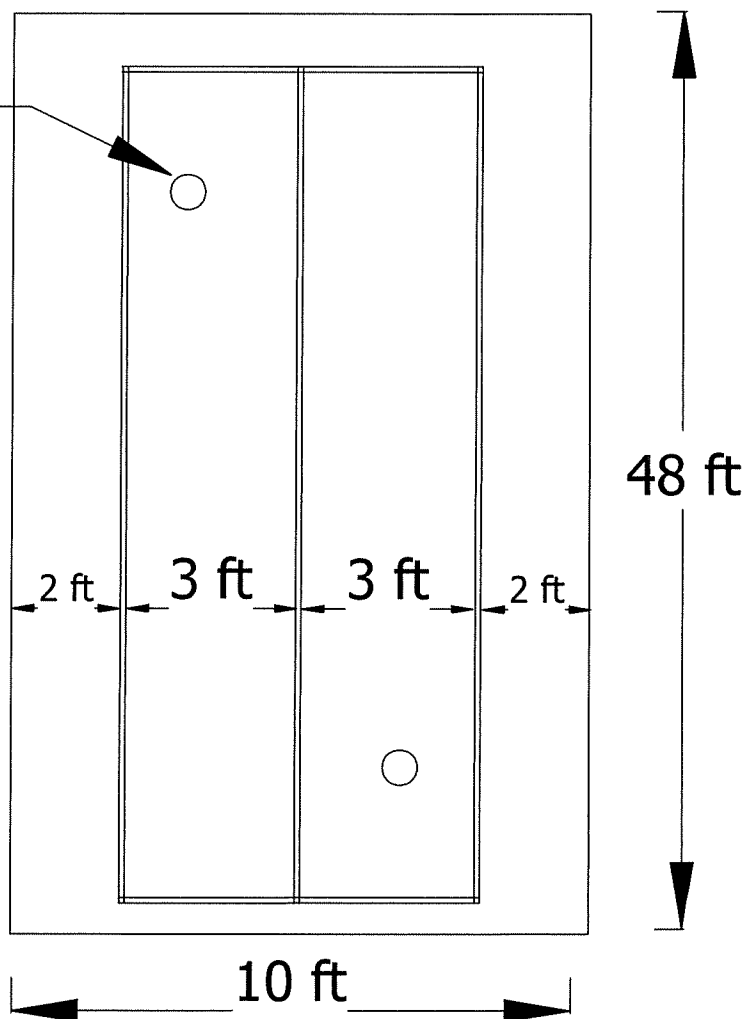
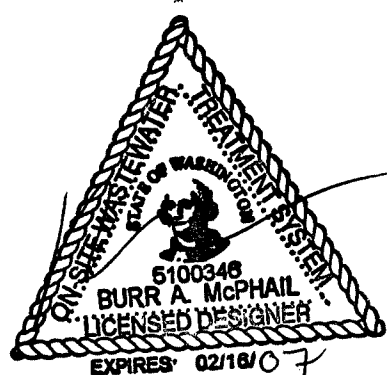
SURVEY PIN

MAXIMUM DEPTH OF INSTALLED  
SYSTEM AT ANY POINT IS 3 FEET

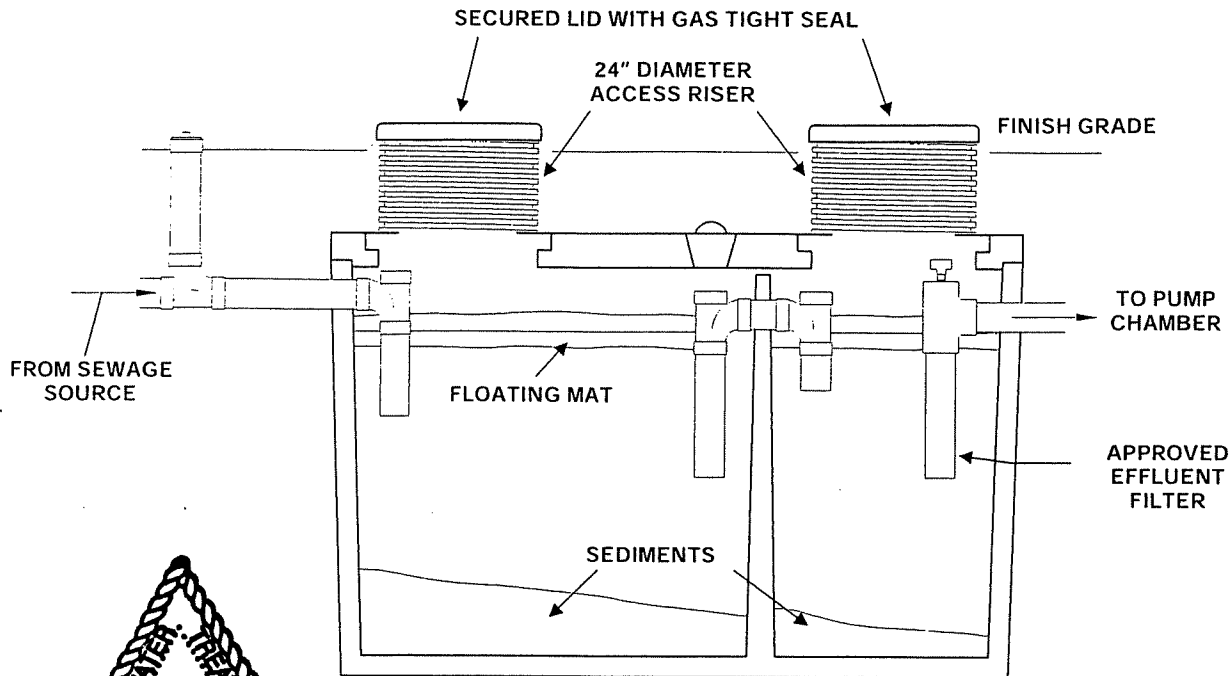
Cover should be a medium to  
fine sandy loam topsoil that w  
promote healthy grass growth



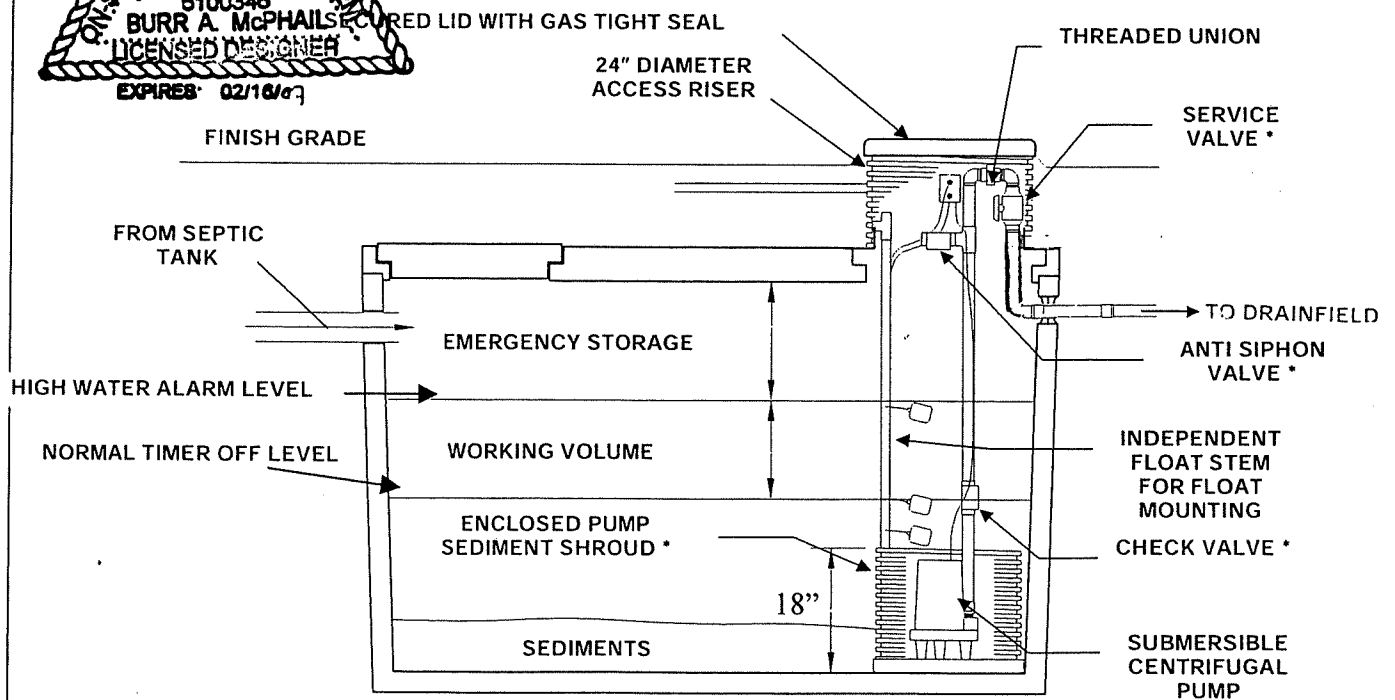
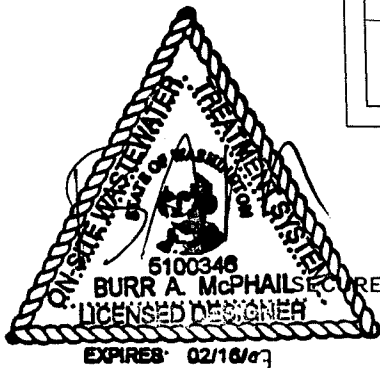
4" Monitoring Port







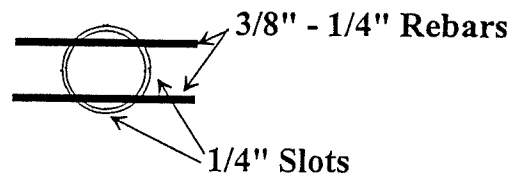
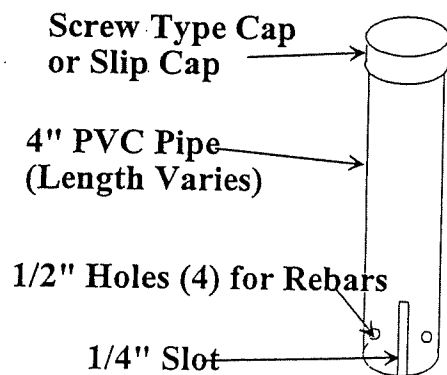
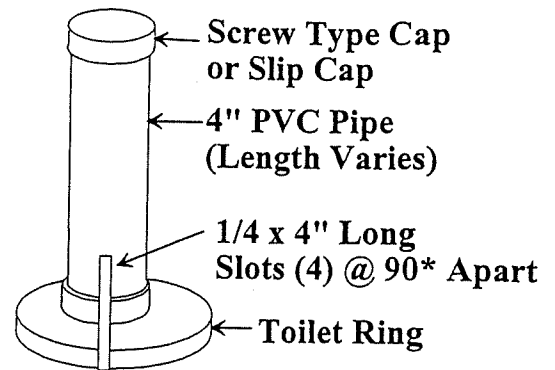
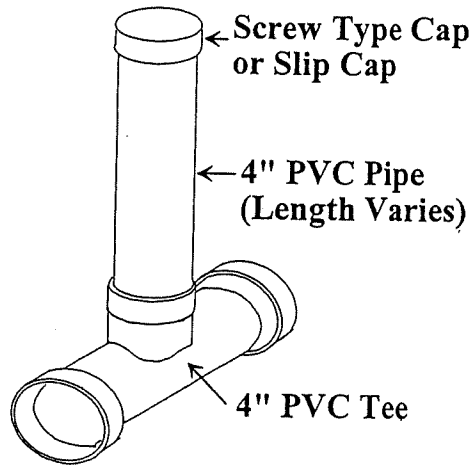
**SEPTIC TANK  
(TYPICAL)**



**PUMP CHAMBER  
(TYPICAL)**

\* AS NEEDED

**FIGURE 2**



END VIEW (BOTTOM)

