

On-Site Sewage System (OSS) Application

Name Crabtree Jerry
 Last First
 Address 2286 E Badger RD
Everett WA 98247
 Phone 966-4314

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

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

Address of Site 2405 Birch Bay Ln Rd Parcel # 400230
 N (S) E W Side of Birch Bay Ln Rd 0.1 Miles N S (S) W of Dean Dr Rd
 Lot size 20.8 Acres No. of bedrooms 4 Water source Custom 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:

SL4A 0-18" loamy fine sand 18-75" medium sand Dry e bottom	SL4B 0-16" loamy fine sand 16-78" med sand Dry e bottom
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I hereby certify that the information submitted on this design is correct and meets all requirements of WCC 24.05.27 Site Sewage System Regulation

Designer Signature Burr A. Althoff
 Date of Submittal 2/5/07
 LICENSED DESIGNER
 EXPIRES 02/16/07

Comments: LOT 4 Conventional Gravity

-Health Department Use Only -

Comments 3/12/07 SL4A 0-18" loamy sand, 18-72" medium sand, dry to bottom.
SL4B 0-16" loamy fine sand, 16-78" medium sand, dry to bottom.
main drainfield stated as shown. Dosing gravity, if questions on pump sizing
arise contact designer.
Permit may be issued when tax parcel # issued for lot. 10
☐ 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 JCL0486 Check 390.00

EXISTING 30' ACCESS EASEMENT

SURVEY PIN

74 ft

53 ft

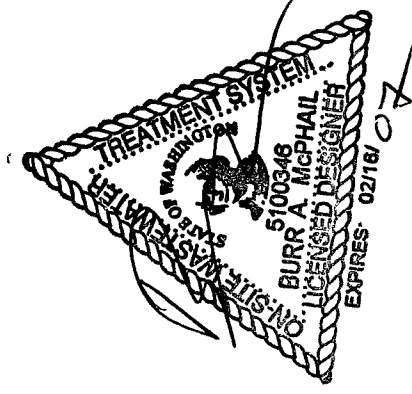
91 ft

48 ft

SL 4A

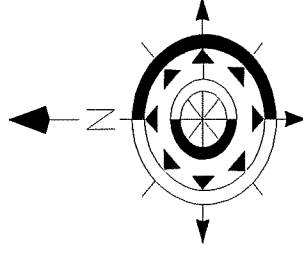
SL 4B

RESERVE AREA



20.80 ACRES

LOT 4



1000 GALLON BODE'S
TANKS OR EQUIVALENT

PROPOSED FOUR BEDROOM HOUSE

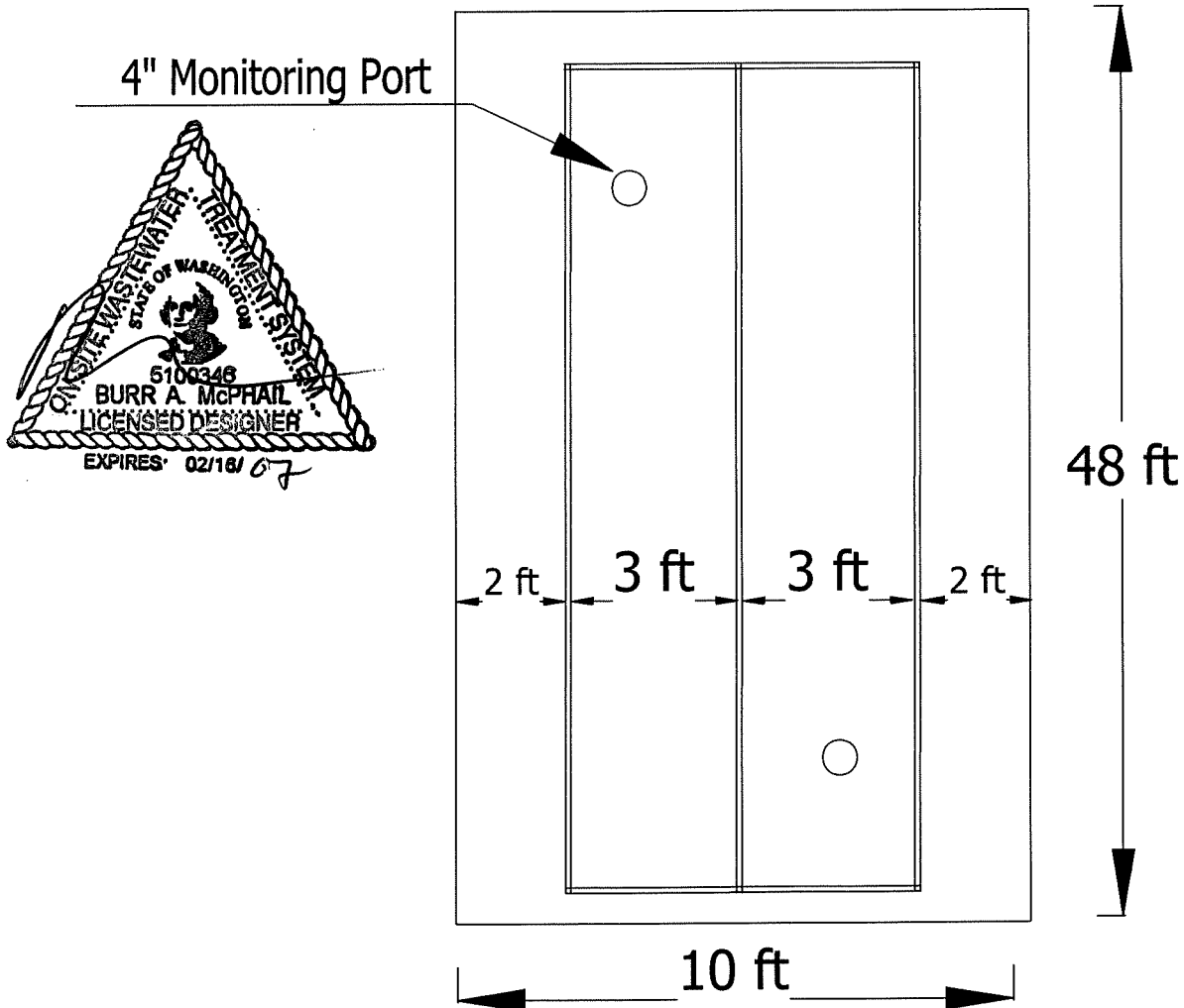
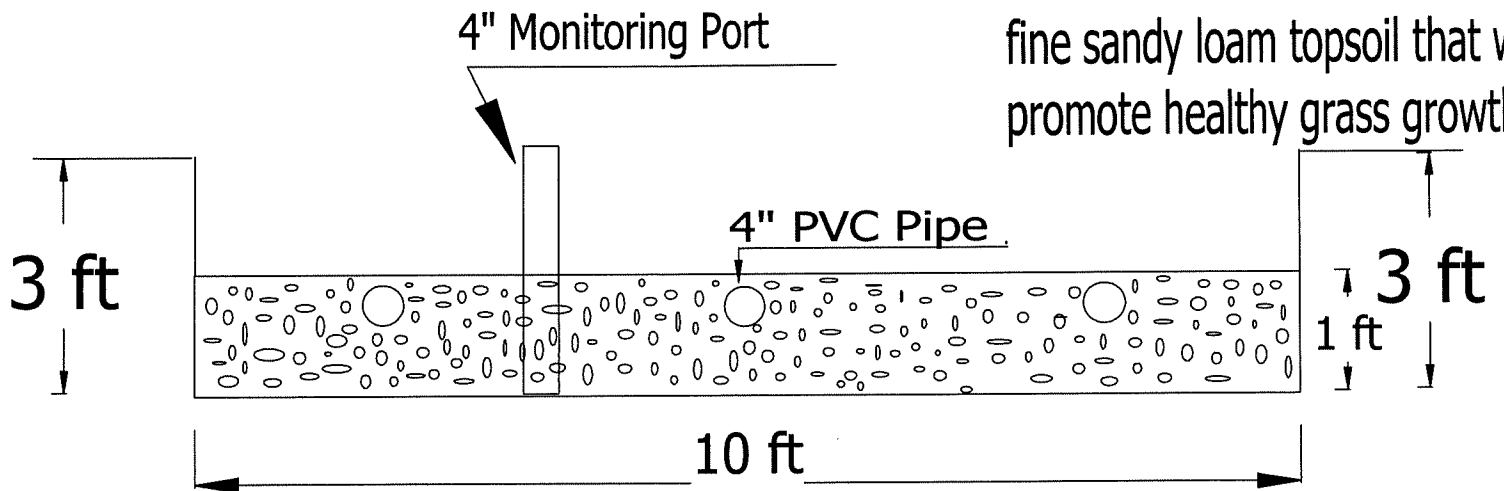
PUMP TANK TO DOSE ON
DEMAND TO GRAVITY BED
WITH A TANK ALERT
FOR HIGH WATER ALARM

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

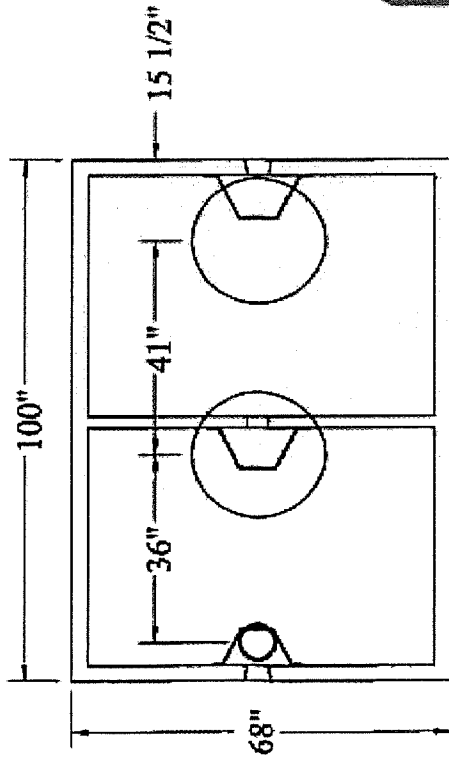
Owner: Jerry Crabtree
Site: Birch Bay Lynden Rd
Tax Parcel# 400230
Designer: Burr McPhail

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

6" Coupler

Polylok

Riser

20"

4"

59 1/2"

46 1/2"

3"

4"

2"

49 1/2"

43 1/2"

2"

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46 1/2"

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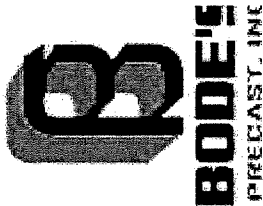
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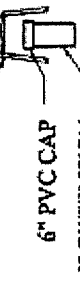
43 1/2"

2"

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TOP VIEW



24" Polylok

Riser

6" Coupler

IN

OUT

46 1/2"

59"

4"

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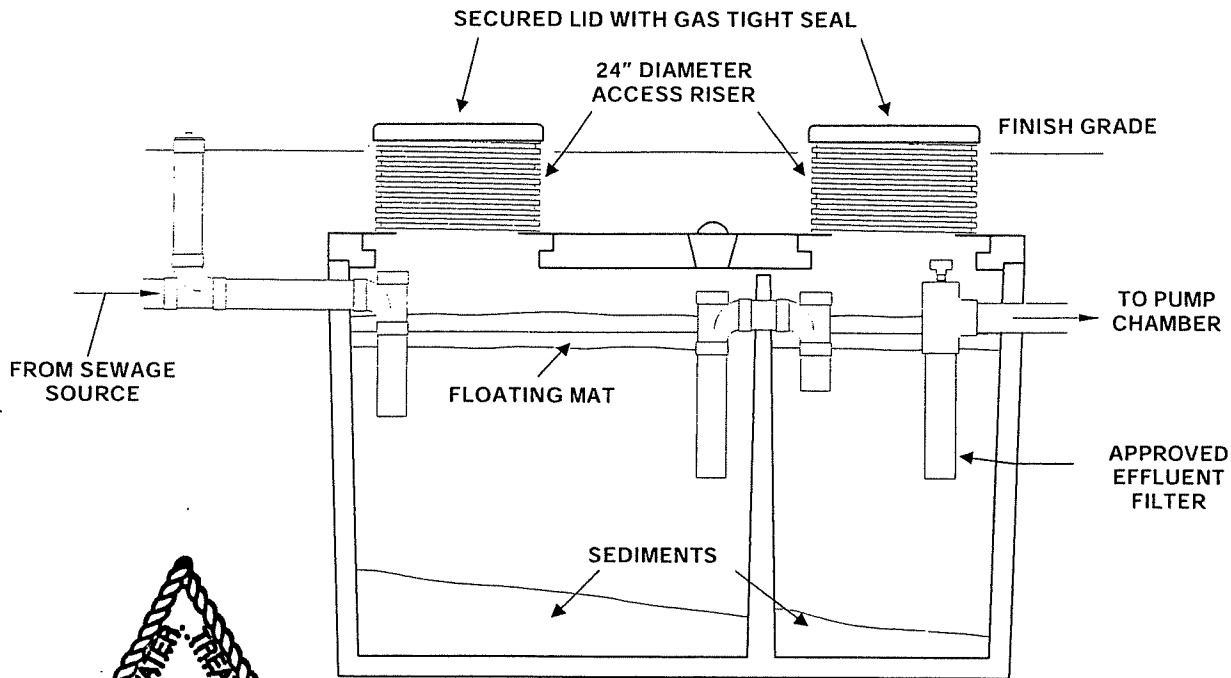
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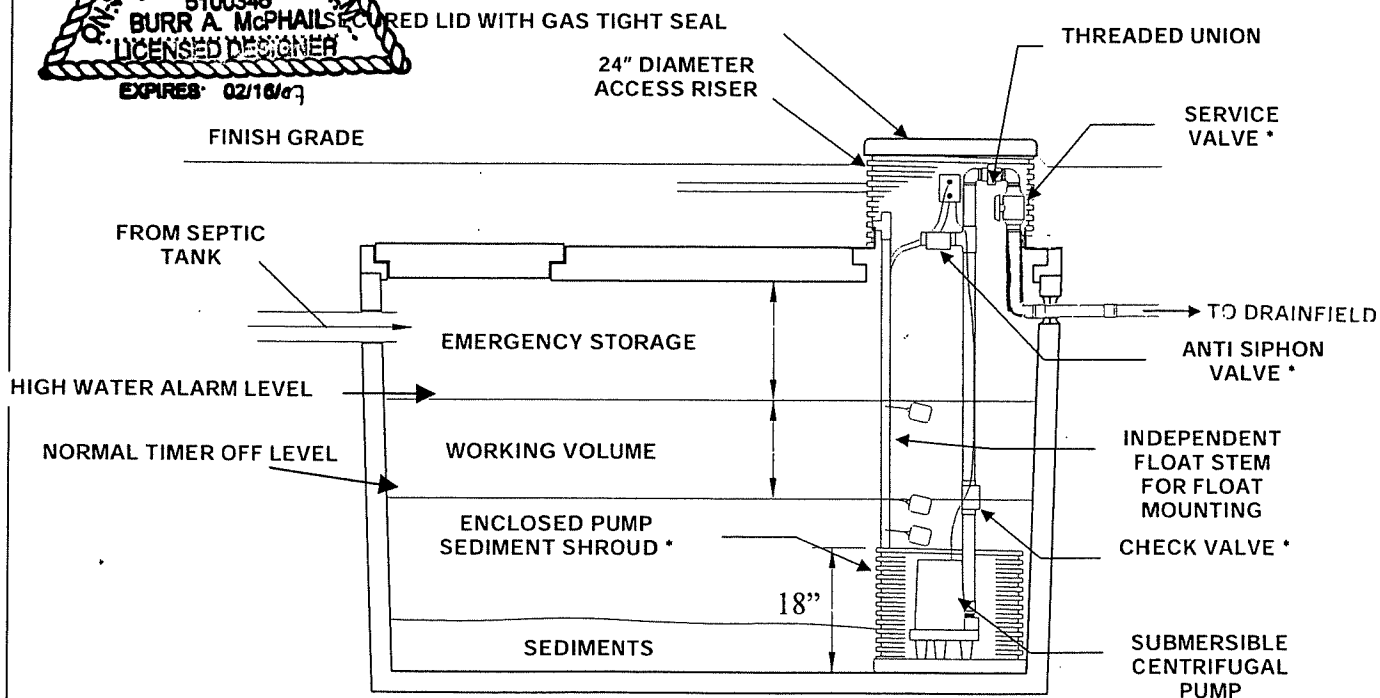
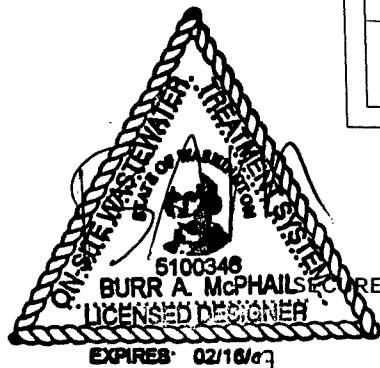
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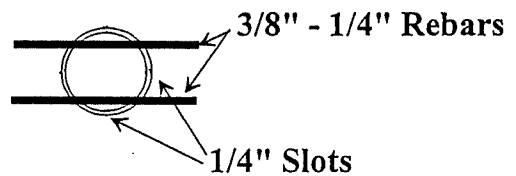
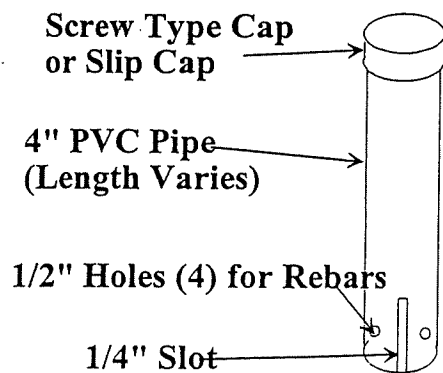
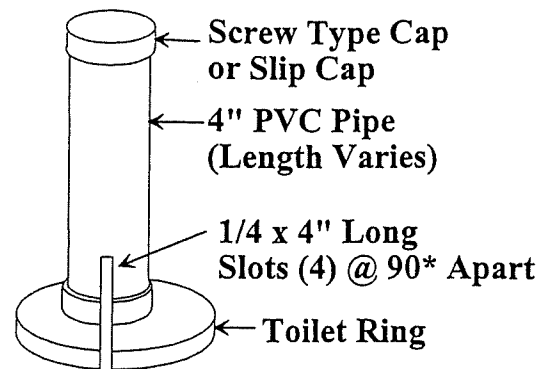
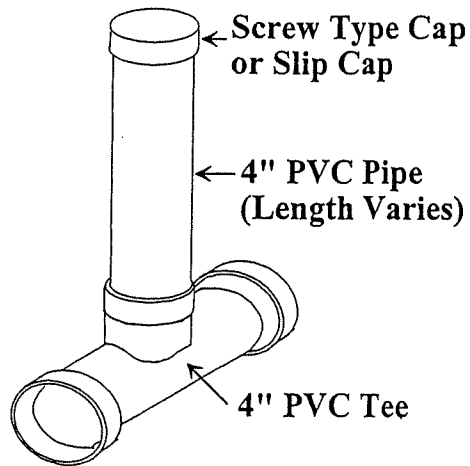
**SEPTIC TANK
(TYPICAL)**



**PUMP CHAMBER
(TYPICAL)**

* AS NEEDED

FIGURE 2



END VIEW (BOTTOM)

