

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

Address of Site 2405 Birch Bay Lynden RD Parcel # 400230
 N 5 E W Side of Birch Bay Lynden Rd. 0.1 Miles N S 6 W of DEAN DR RD
 Lot size 2.06 Acres No. of bedrooms 4 Water source Custr 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:

Horizon	Soil Type	Horizon	Soil Type
0-4"	SL1A LOAM	0-10"	SL1B SANDY LOAM
4-75"	Medium SAND Dry @ Bottom	10-75"	Medium SAND

I hereby certify that the information submitted on this design is correct and meets all requirements of WCC 24.05 On-Site Sewage System Regulations.

Designer Signature Burr A. McPhail

Date of Submittal 2-5-07

5100346
 BURR A. MCPHAIL
 LICENSED DESIGNER
 EXPIRES 02/18/07

Comments: LOT 1 Conventional Gravity

-Health Department Use Only -

Comments 3/12/07 SL1A 0-4" loam, 4-70" medium sand, dry to bottom.
SL1B 0-10" sandy loam, 10-70" 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. FD

☒ 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

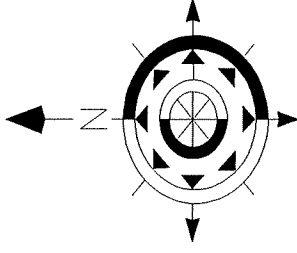
Designer: Burr McPhail

Drainfield: 10'x 48'

Septic Tank: 1000 gallon

Pump Tank: 1000 gallon

Scale 1"=40'



LOT 1

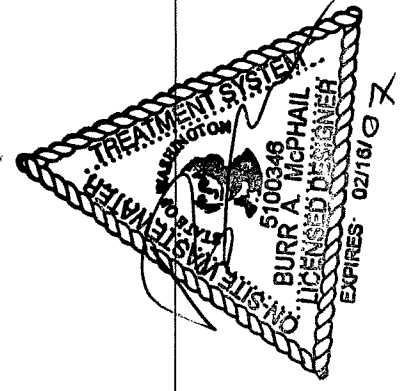
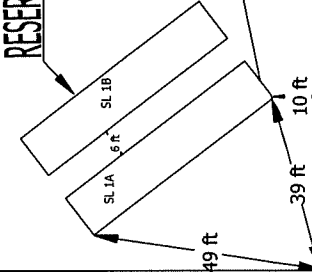
2.06 ACRES

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

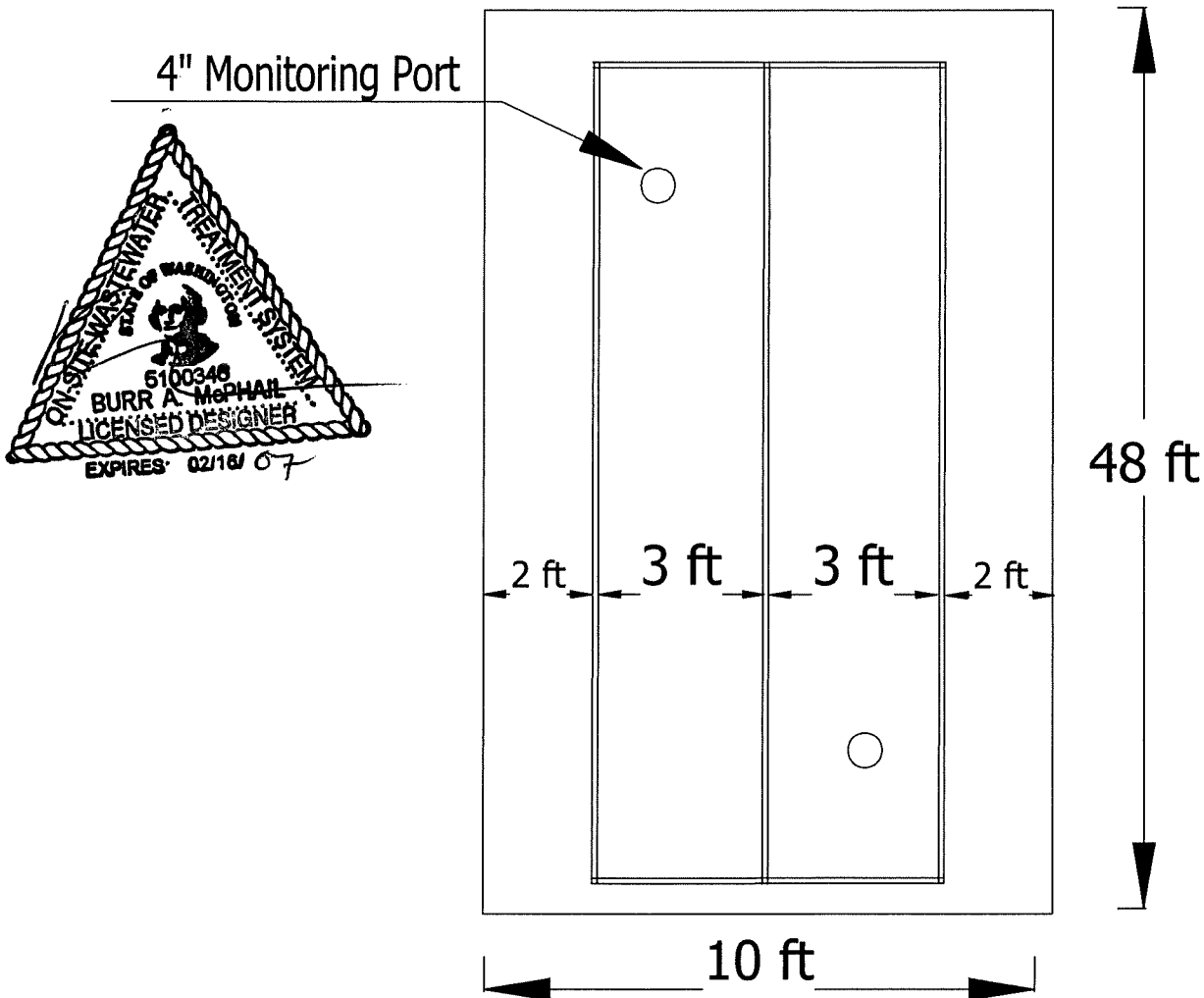
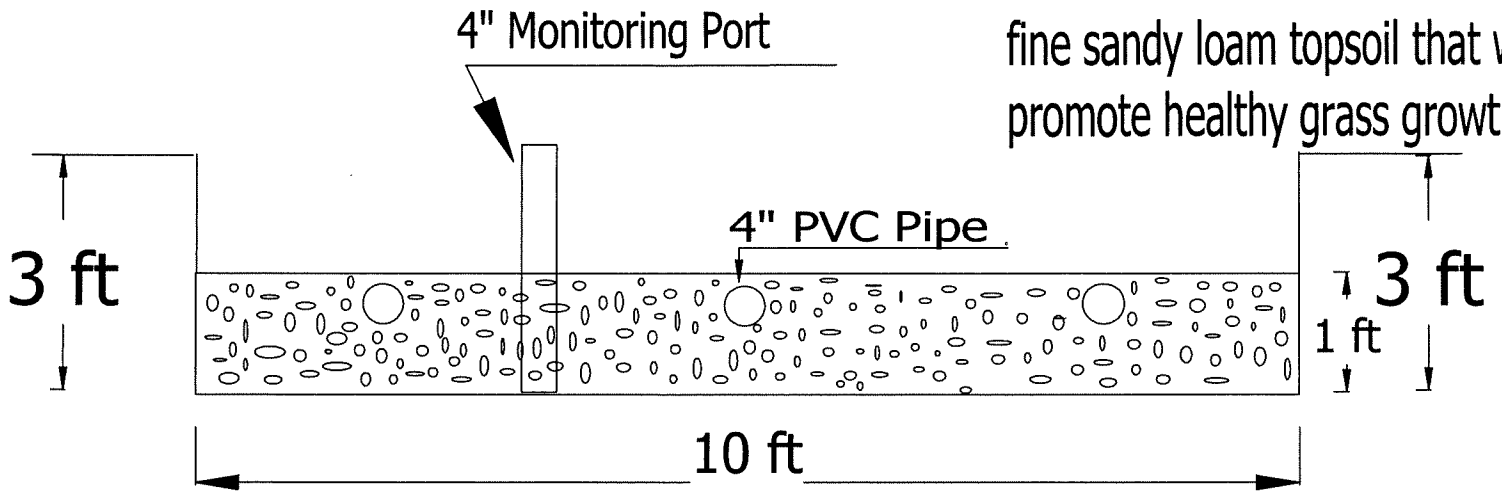
RESERVE AREA



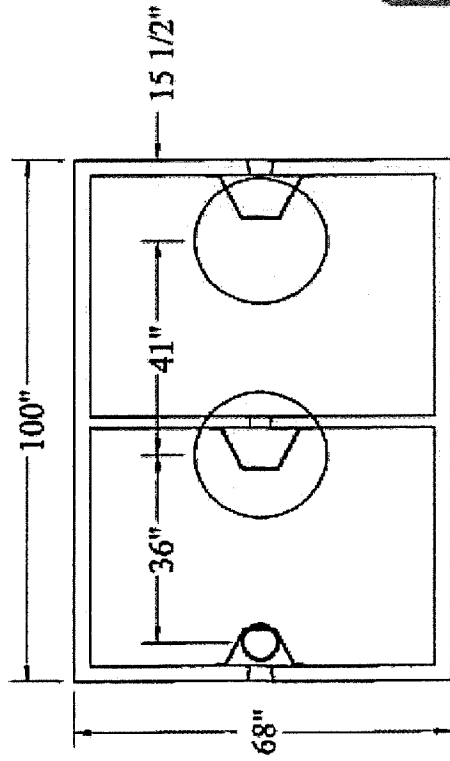
SURVEY PIN

MAXIMUM DEPTH OF INSTALLED SYSTEM AT ANY POINT IS 3 FEET

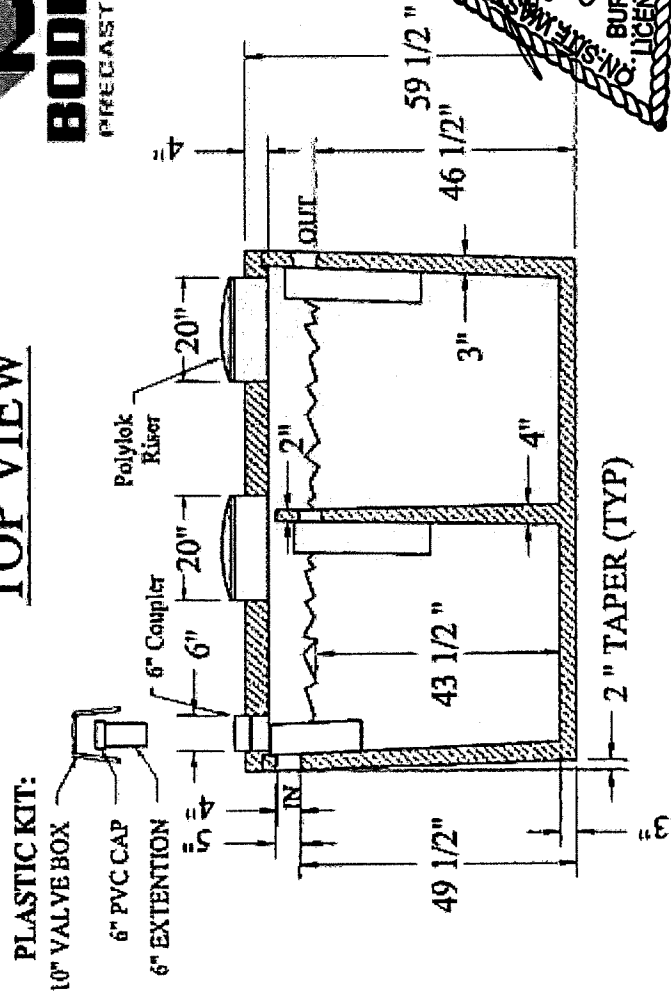
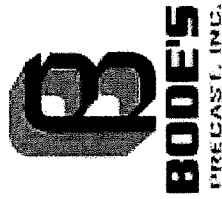
Cover should be a medium to
fine sandy loam topsoil that w
promote healthy grass growth



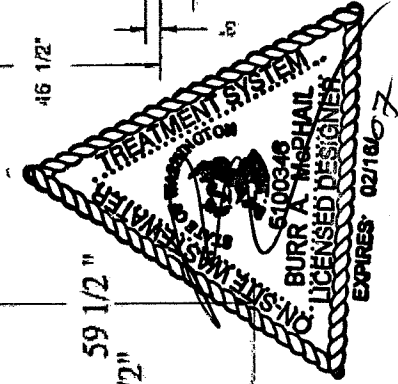
TYPICAL 1000 GALLON PUMP TANK



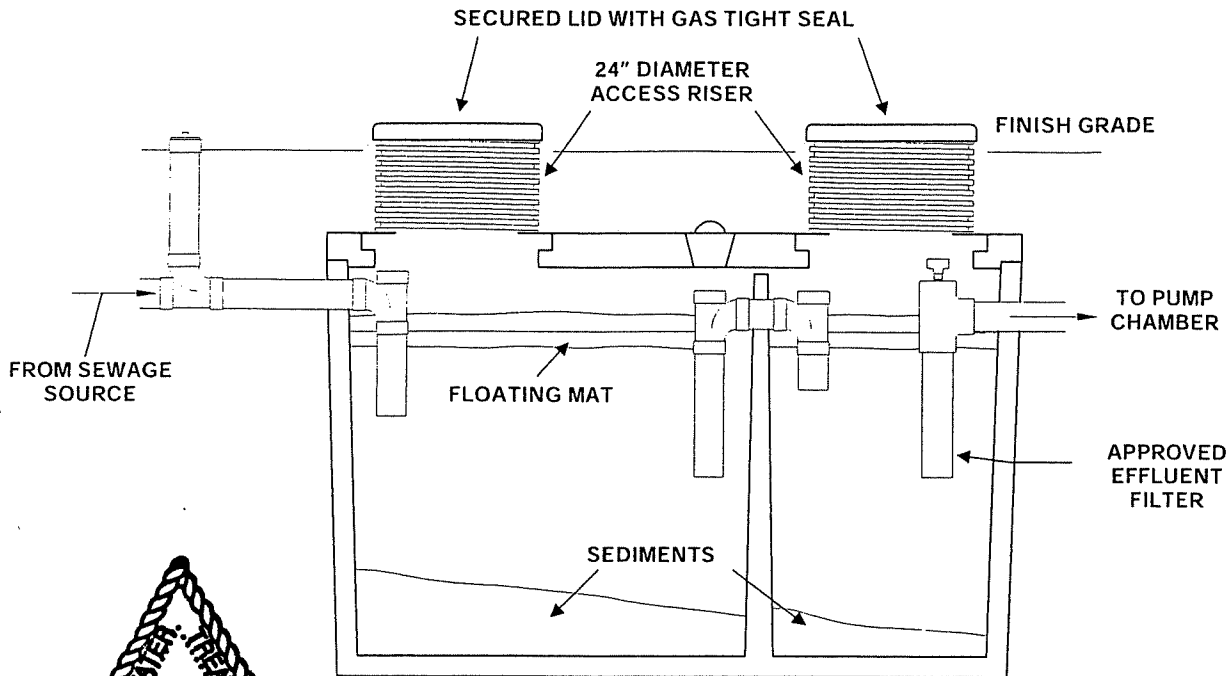
TOP VIEW



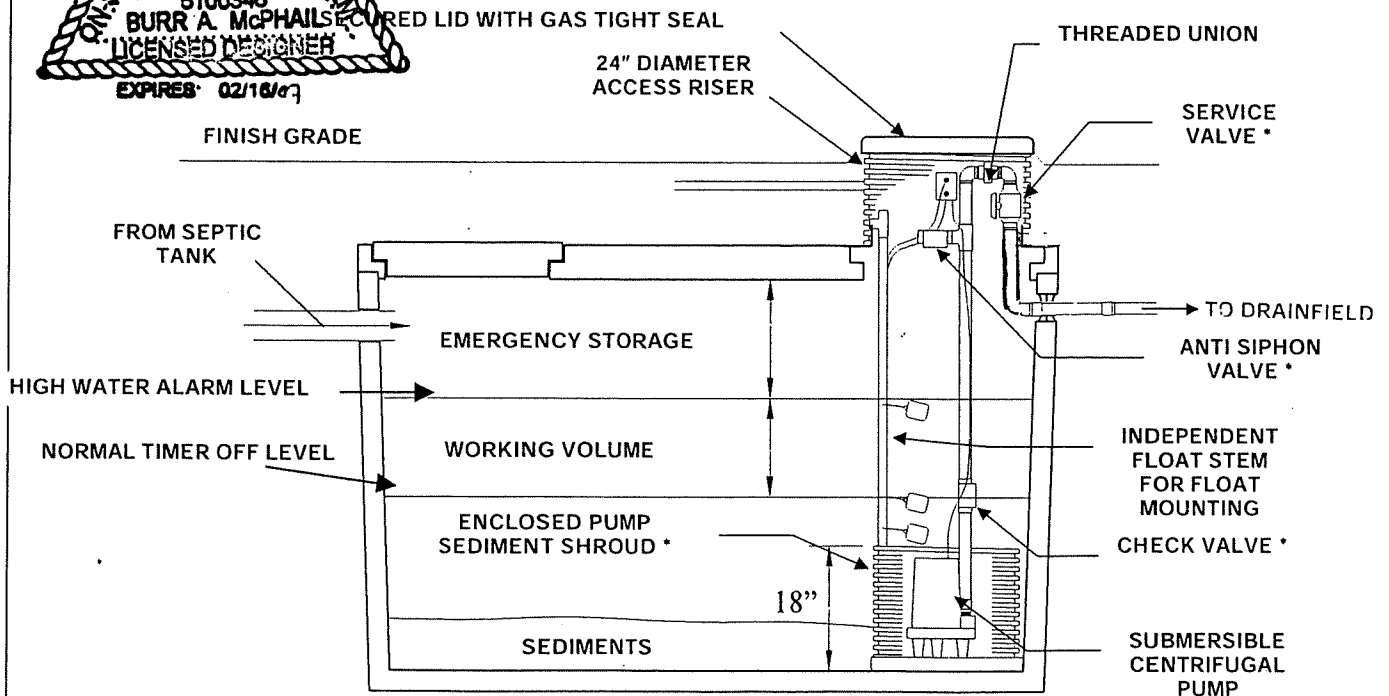
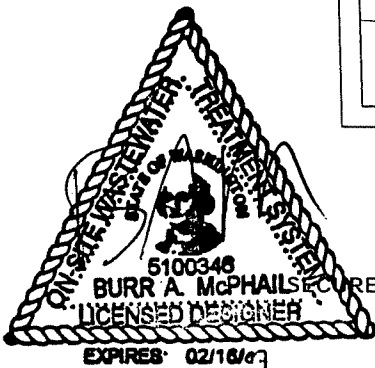
SIDE VIEW



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



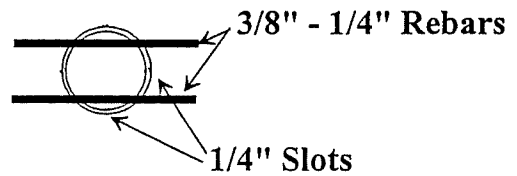
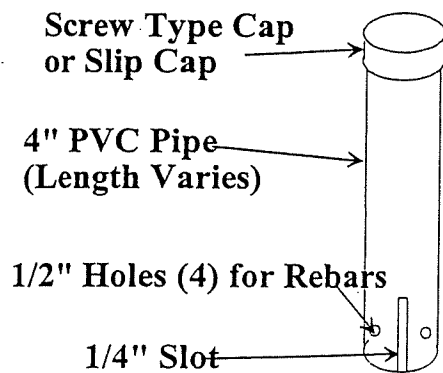
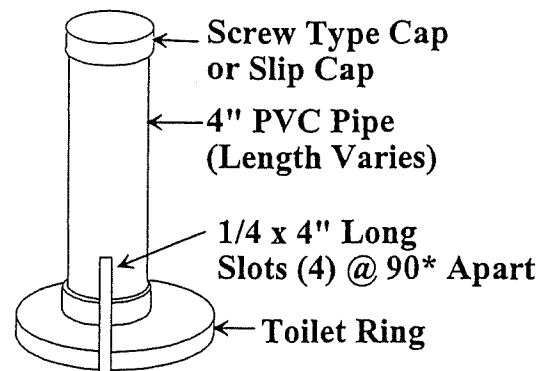
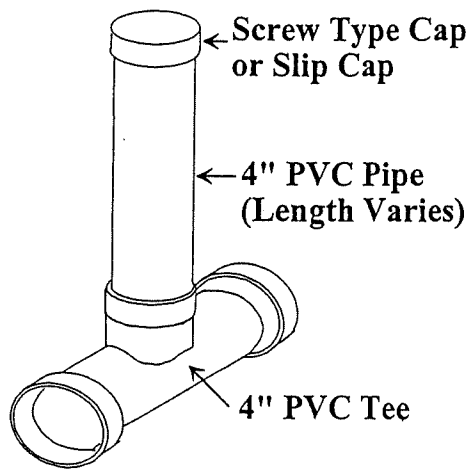
**SEPTIC TANK
(TYPICAL)**



**PUMP CHAMBER
(TYPICAL)**

* AS NEEDED

FIGURE 2



END VIEW (BOTTOM)

