



WHATCOM COUNTY HEALTH DEPARTMENT
**ON-SITE SEWAGE SYSTEM
CONSTRUCTION PERMIT**

509 Girard Street
Bellingham, WA 98225
Telephone: 360-676-6724
Fax: 360-676-6771

Parcel # 400230 140437 Permit Approval Date: 12/03/2012
Name Crabtree, Jerry Permit Expiration Date: 12/03/2015
Last First
Site Address 2405 Birch Bay Lynden Road Phone Number _____
Installer _____ Installer Number _____

Called for Inspection: _____

It is hereby agreed that the installation of this OSS shall comply with all applicable requirements of WCC 24.05 On-Site Sewage Control Regulations. **A CONSTRUCTION INSPECTION BY THE WHATCOM COUNTY HEALTH DEPARTMENT IS REQUIRED BEFORE COVERING.**

Issuance of an OSS permit does NOT imply or signify fulfillment or satisfaction of any other legal requirement, such as building codes or zoning ordinances. Permit holders are cautioned that compliance with other agency permit requirements, such as obtaining a land disturbance permit from Whatcom County Planning and Development Services, should be accomplished prior to commencement of any construction.

Operation and Maintenance (O&M) is required for every OSS. Attached are the O&M requirements for this OSS.

OSS TO BE INSTALLED ONLY BY LICENSED INSTALLER. HOMEOWNER MAY NOT INSTALL OSS WITHOUT PRIOR APPROVAL FROM HEALTH DEPARTMENT.

I have read and understand the above statements.

Name and Signature of Fee Simple Owner, Contract Purchaser, or Owner's Authorized Agent.

Print Robin M. Hitz Signature [Signature] Date 7/26/13

OSS TYPE: ☒ Conventional Gravity ☐ Pressure Distribution ☐ Mound
☐ Drip Irrigation ☐ ATU w/ Pressure Distribution ☐ ATU w/ Mound
☐ ATU w/ Drip Irrigation ☐ Sand Filter w/ Pressure Dist. ☐ Sand Filter w/ Mound
☐ Biofilter ☐ Septic Tank Only ☐ Holding Tank
☐ Other _____

Comments / Conditions: _____

Construction Inspection By _____ Date _____

Final Approved By _____ Date _____

IMPORTANT: Clean your outlet filter and/or pump screen YEARLY!!

Office Use Only:

Received By [Signature] Date 7-26-13 Amount Paid 0 Receipt # 0



WHATCOM COUNTY HEALTH DEPARTMENT
**ON-SITE SEWAGE SYSTEM
PERMIT APPLICATION**

509 Girard Street
Bellingham, WA 98225
Telephone: 360-676-6724
Fax: 360-676-6771

Tax Parcel # 400230 14D437 Date 11/28/12
Owner Jerry Crabtree Applicant SAME
Address 2286 E Badger Rd Address _____
Everson WA 98247
Phone (360) 966-4314 Phone _____

Site Address 2405 Birch Bay Lynden Rd Lot Size 2.49 Acres
N S E W side of Birch Bay Lynden Rd. 0.1 Miles N S E W of Dean Rd.
Subdivision Name Audra Short Plat 2006-0026 Lot 3 Blk NA Div NA
No. of Bedrooms 4 GPD 480 Water Supply ☒ Private ☐ Public
Property is within the boundaries of a recognized sewer utility ☒ No ☐ Yes
APPLICATION TYPE: ☒ New Construction ☐ Repair ☐ Expansion ☐ As-built ☐ Operational
SEWAGE TYPE: ☒ Residential ☐ Commercial ☐ Food Service ☐ Other _____

DESIGNER/ENGINEER Burr McPhail
Print Name

COMMENTS: Conventional Gravity

Name and Signature of Fee Simple Owner, Contract Purchaser, or Owner's Authorized Agent
Print Burr McPhail Signature Burr McPhail Date 11/28/12
If you do not agree with the decision made regarding this application you may request that the decision be reviewed. See Whatcom County Code section 24.07.090 for more information. Contact Whatcom County Health Department for further information and procedures. A fee is charged.

☒ Application Reviewed & Design Approved [Signature] Date 12-03-12
OSS Permit Type Conventional Gravity
Conditions _____

☐ Application Not Approved _____ Date _____
Reasons _____

Received by:
JH



WHATCOM COUNTY HEALTH DEPARTMENT
**ON-SITE SEWAGE SYSTEM
SOIL LOGS**

509 Girard Street
Bellingham, WA 98225
Telephone: 360-676-6724
Fax: 360-676-6771

Tax Parcel # 400230 140437 Date 11/28/12 Page No.

Subdivision Name Audra Short Plat SSS/LSS #

Owner Crabtree, Jerry Designer Burr McPhail

Soil Loading Rate

Coarsest Textured Soil 0.8 gal/ft²/day Designed Treatment Level E

Finest Textured Soil 0.8 gal/ft²/day

- DESIGNER -

SL3C

0-6"
6-30"
30-84"

Dark Brown loam
Brown sandy loam
Medium sand

Restrictive Layer Depth >84"
Wet Season Water Table Depth >84"

SL3D

0-11
11-24"
24-84"

Dark Brown loam
Brown sandy loam
Medium sand

Restrictive Layer Depth >84"
Wet Season Water Table Depth >84"

- HEALTH DEPARTMENT USE ONLY -

11-30-12 PM: SL-3C

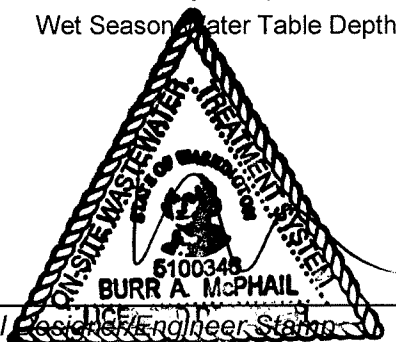
Soils as stated

dry to bottom

11-30-12 PM: SL-3D

Soils as stated

dry to bottom



Professional Engineer Stamp

Soil log holes must conform to Chapter 24.05 WCC. Use additional pages for additional soil log test holes.

BIRCH BAY LYNDEN RD

EXISTING HOUSE

EXISTING WELL

LOT 4

30' ACCESS AND UTILITY EASEMENT

SURVEY PIN

LOT 1

LOT 2

LOT 3

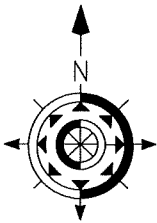
SURVEY PIN

LOT 4

NAME: Jerry Crabtree
SITE: 2405 Birch Bay Lynden Rd
PARCEL # 400230 140437
DESIGNER: Burr McPhail
SCALE: 1"= 200'

Lot Line Break

Lot Line Break

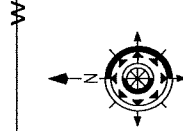


SURVEY PIN

Owner: Jerry Crabtree
Site: Birch Bay Lynden Rd
Tax Parcel# 400230
Designer: Burr McPhail
Drainfield: 10'x 60'
Septic Tank: 1000 gallon
Scale 1"=40'

LOT 3

2.49 ACRES



PROPOSED FOUR
BEDROOM HOUSE

CLEAN OUT

135 ft

60 ft

SL 30
SL 3C

NO UTILITIES LOCATED
IN AREA OF OSS

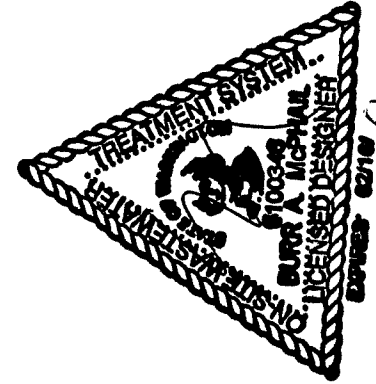
KEEP ALL WATERLINES
> 10' FROM OSS COMPONENTS

GRADE POINT

41 ft

134 ft

SURVEY PIN

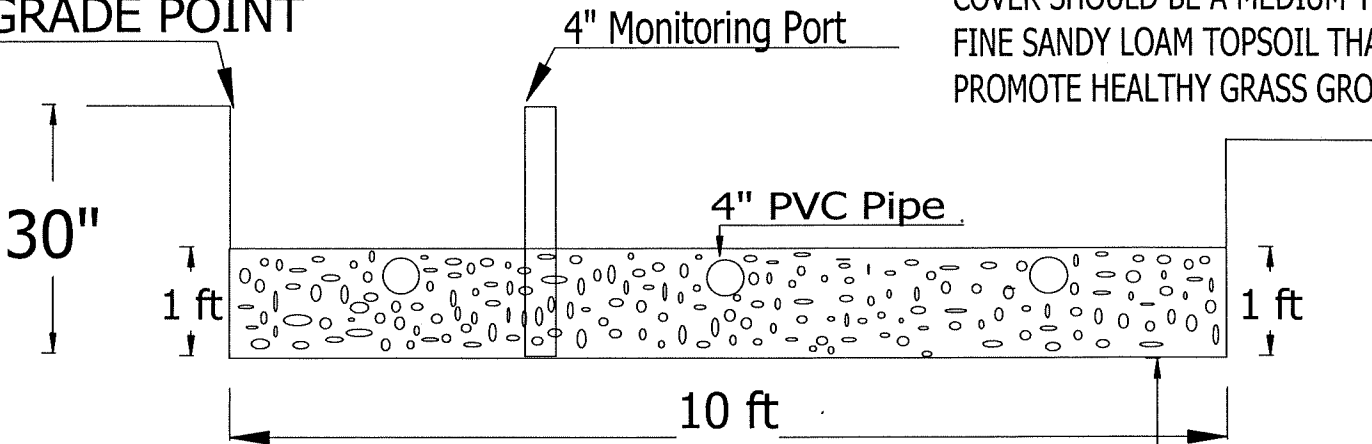


SL 3B
SL 3A

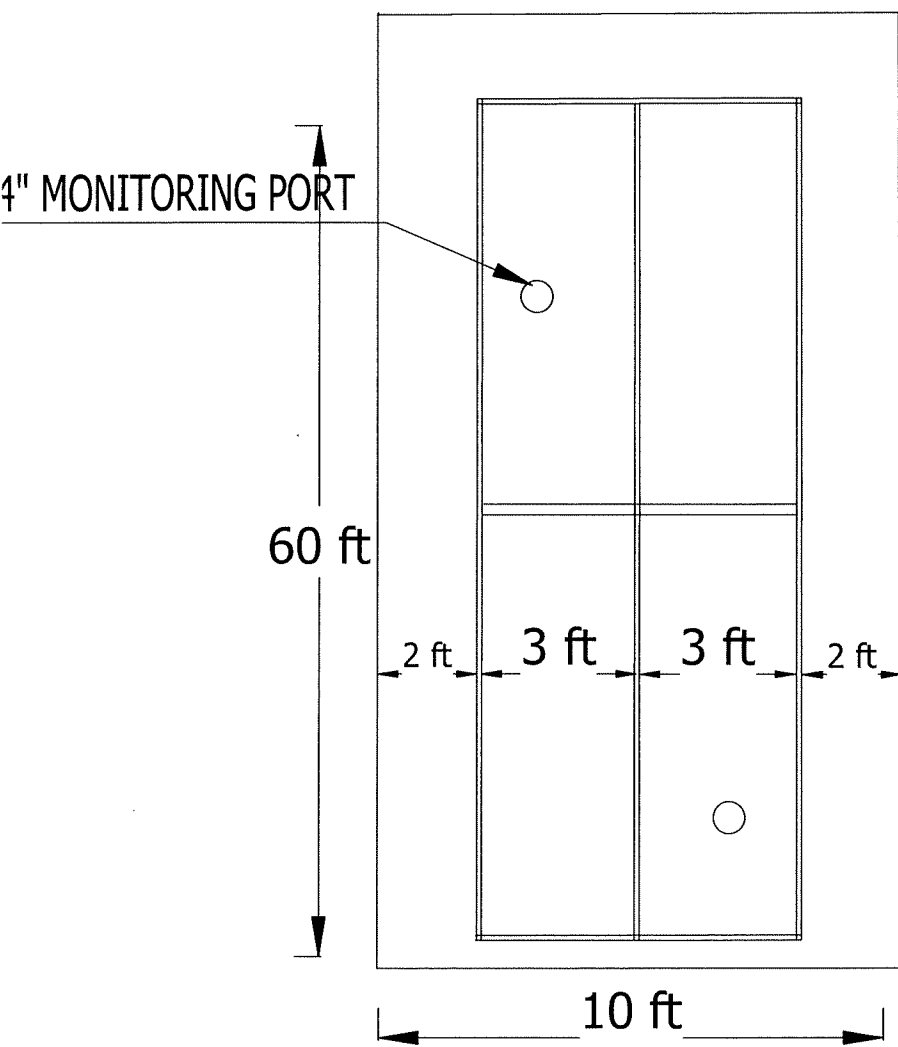
SURVEY PIN

MAXIMUM DEPTH OF INSTALLED
SYSTEM AT ANY POINT IS 3 FEET

ORIGINAL GRADE
AT GRADE POINT



COVER SHOULD BE A MEDIUM TO
FINE SANDY LOAM TOPSOIL THAT WILL
PROMOTE HEALTHY GRASS GROWTH



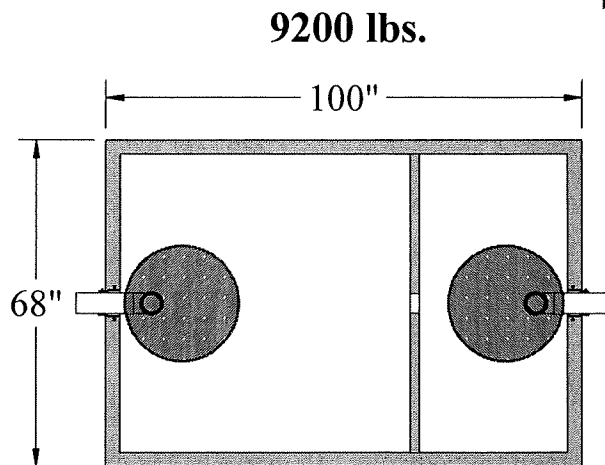
60"+
VERTICAL
SEPARATION
↓
PROPOSED DRAINFIELD



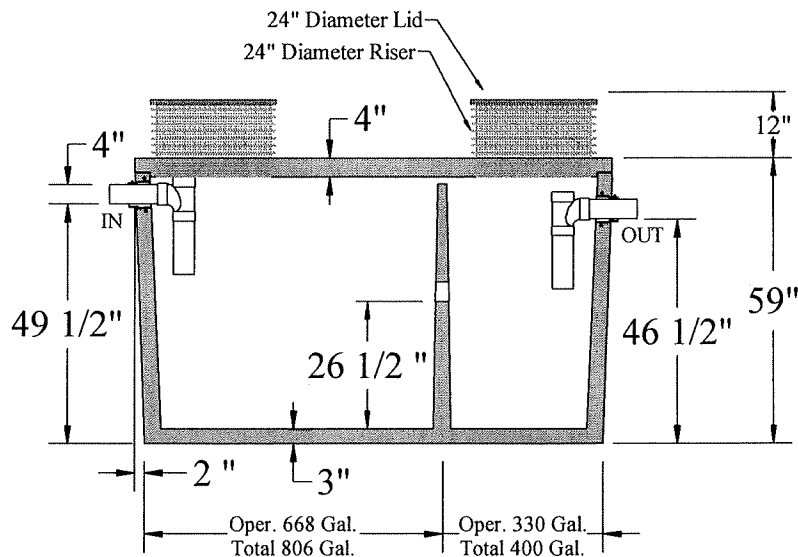


BODE'S

PRECAST CONCRETE



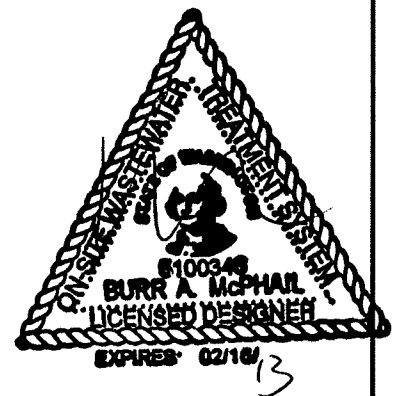
TOP VIEW



SIDE VIEW

General Notes

- Standard inlet and outlet is 4" diameter - custom penetrations are available
- Pipe penetrations are flexible watertight seals with clamps for pipe
- Inlet and outlet tee baffles are to be 4" diameter pvc, abs or approved
- Typical access holes are 24" diameter ribbed pipe with screwed watertight gasketed lids
- Joint between the tank and tank top is sealed with Con-Seal CS-665 mastic rope or equal
- Concrete shall be 4000 psi within 28 days
- Rebar shall meet ASTM A 615 grade 60 specifications
- Wire mesh shall meet ASTM A-185 grade 65 specifications
- Fibermesh reinforcing shall meet ASTM C1116



BODE'S PRECAST, INC.
1861 East Pole Rd.
Everson, Wa. 98247
(360) 354-3912

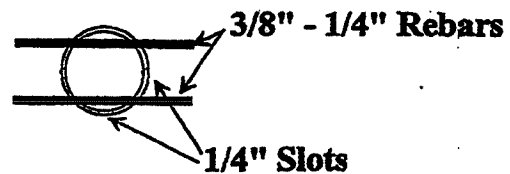
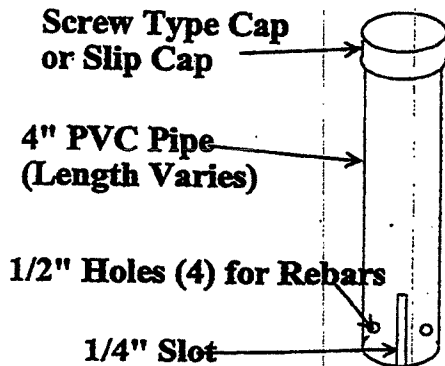
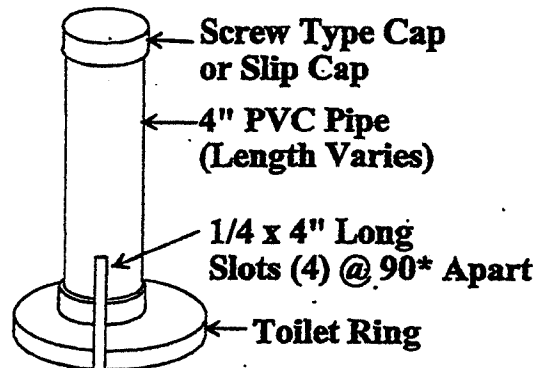
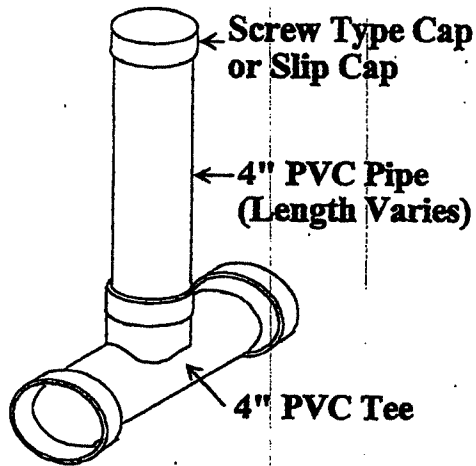
1000 Gallon Septic Tank

2 Chambers

Model Number: S1000-2

Date Issued: November 2010

Figure 9 – Inspection / Monitoring Ports



END VIEW (BOTTOM)



CLEAN OUT CROSS SECTION

SCREW CAP FOR
SERVICE ACCESS

