

10/2

SKAGIT COUNTY
PERMIT CNTR.

SKAGIT COUNTY PLANNING AND PERMIT CENTER
County Administration Building, Room 204
700 South 2nd Street
Mount Vernon, Washington 98273-3864
(360) 336-9410
FAX (360) 336-9410

NOV 23 1998

RECEIVED

ON-SITE SEWAGE SYSTEM CERTIFICATION
FOR AS-BUILT DRAWINGS AND/OR INSTALLATIONS

Skagit County Code Section 12.05, 150 (4) states in part: "The designer or installer . . . shall develop and submit a complete and detailed, "as-built" or "record" drawings to both the Health Officer and the On-Site Sewage System's owner that include . . . measurements to existing site features enabling the first tank manhole to be easily located, and a dimensioned reserve area;"

Please complete and answer all questions and return.

Johnson, Terry
Property Owner (last, first and middle initial)
13164 Buchanan Lane Sunset Add to Clear Lake #16
Site Address Plat, Division, Lot, Block
4027-000-016-0003 69917
Assessor's Account Number(s) Parcel Number
Linda L. Benjamin homeowner
Designer's Name Installer's Name
On-Site Sewage System Permit Number S98-0401 34 04 12

Have you attached any as-built plans/specifications? Yes
If yes, how many pages are being submitted? one

INSTALLATION CERTIFICATION: I hereby certify that this sewage system was completed on
(Date) 11-2-98 and I have determined it was installed in accordance with the approved plans and
specifications, or as indicated on the attached as-built documents, and in conformance with the County On-Site
Sewage Rules and Regulations (Skagit County Code Chapter 12.05).

Designer's Signature: Linda L. Benjamin

-----COUNTY USE ONLY BELOW THIS LINE-----

Reviewed by: Greg Gelynse Date: 12-3-98

S98-0401
2 of 2

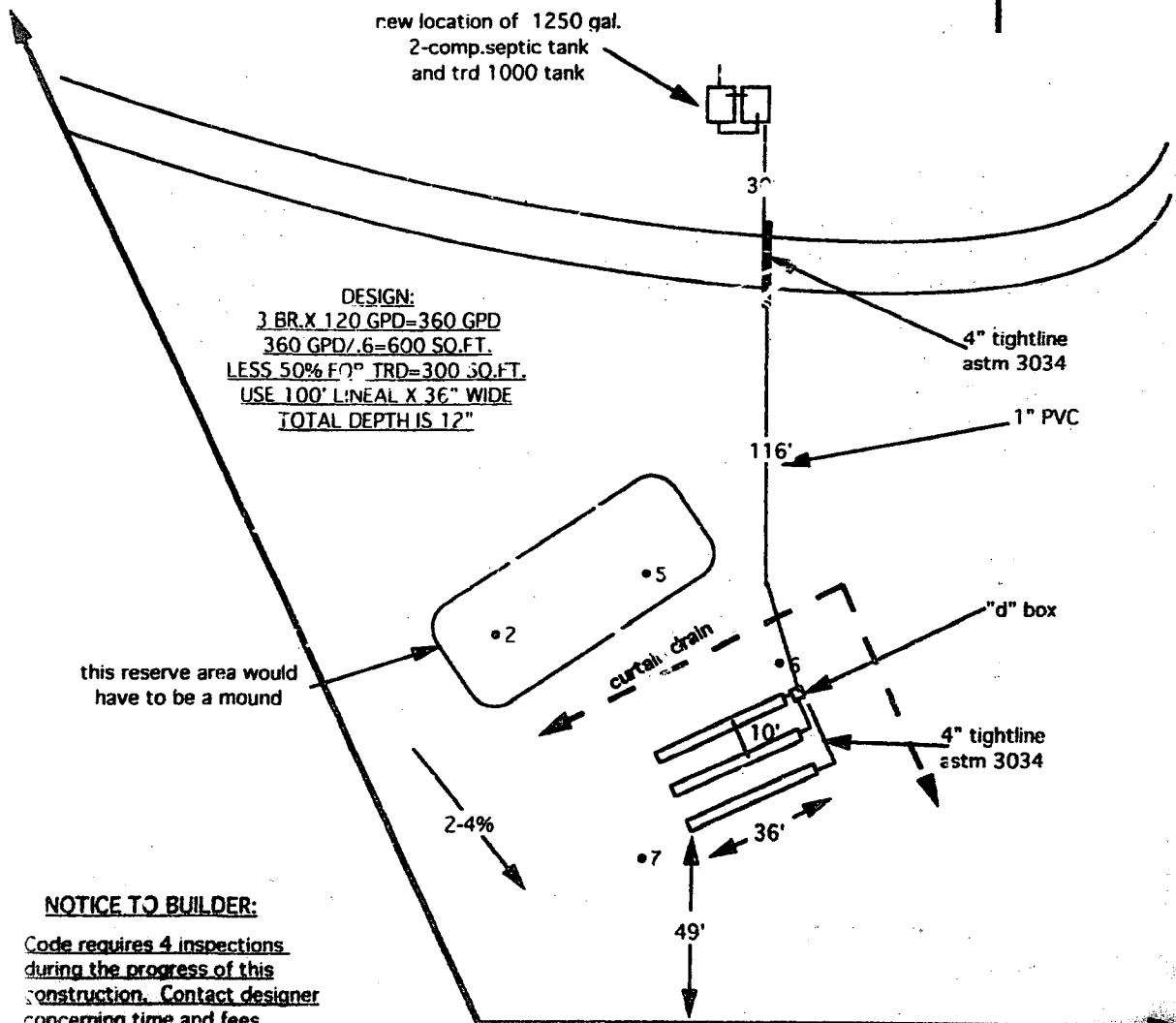
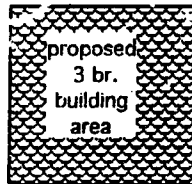
Linda L. Benjamin
CERTIFIED DESIGNER
ON-SITE SEWAGE
SKAGIT COUNTY
SKAGIT SEPTIC SYSTEMS

AS-BUILT
PERMIT #S98-0401

TERRY JOHNSON
4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page ____ of ____

SCALE: 1"=40'

WATER: P.U.D.



NOTICE TO BUILDER:

Code requires 4 inspections
during the progress of this
construction. Contact designer
concerning time and fees.

S 98-0401

P# 69917

Johnson, Terry

SKAGIT COUNTY PLANNING AND PERMIT CENTER
County Administration Building, Room 204
700 South 2nd Street
Mount Vernon, Washington 98273-3864
(360) 336-9410
FAX (360) 336-9416

SKAGIT COUNTY
PERMIT CNTR.

NOV 23 1998

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FOR AS-BUILT DRAWINGS AND/OR INSTALLATIONS

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Please complete and answer all questions and return.

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4027-000-016-0003 69917
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Linda L. Benjamin homeowner
Designer's Name Installer's Name

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Designer's Signature: Linda L. Benjamin

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Reviewed by:

Greg Gelynae Date: 12-3-98

Linda L. Benjamin
CERTIFIED DESIGNER
ON-SITE SEWAGE
SKAGIT COUNTY
SKAGIT SEPTIC SYSTEMS

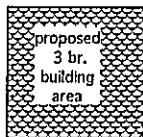
AS-BUILT
PERMIT #S98-0401

TERRY JOHNSON
4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page ____ of ____

SCALE: 1"=40'

WATER: P.U.D.

N



new location of 1250 gal.
2-comp. septic tank
and trd 1000 tank



30'

DESIGN:
3 BR. X 120 GPD=360 GPD
360 GPD/6=600 SQ.FT.
LESS 50% FOR TRD=300 SQ.FT.
USE 100' LINEAL X 36" WIDE
TOTAL DEPTH IS 12"

4" tightline
astm 3034

1" PVC

116'

this reserve area would
have to be a mound

2-4%

curtain drain

"d" box

4" tightline
astm 3034

•7

49'

NOTICE TO BUILDER:

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SKAGIT COUNTY PERMIT CENTER 336-9410
County Administration Bldg., Rm 204
Mount Vernon, Washington 98273

TRACKING PERMIT

98-0401

DO NOT WRITE IN BOX - OFFICIAL USE ONLY

Johnson, Terry

(Print LAST NAME, FIRST above this line.)

PROPOSED PLAT REVIEW	<input type="checkbox"/> Short plat (2-4 lots)	Proposed Plat Name or No.?
	<input type="checkbox"/> Long plat (5 or more lots)	Lot Size (Acres)
Lot # _____ of _____ lots.		

Do not write below this line. - Official Use Only.

NOTES:

INSPECTIONS:

Site Evaluation GG, 9-1-98
 Soil/Site Preparation _____
 Fill(sand) Material _____
 Open Trenches _____
 Self-Inspection _____

Design Review GG, 10-9-98
 Above/below Grnd Devices GG, 11-3-98
 Pressure Test(head) _____
 Final Inspection GG, 11-3-98
 Installed As Designed ☒ Yes ☐ No

SKAGIT COUNTY PERMIT CENTER 336-9410
County Administration Bldg, Rm 204
Mount Vernon, Washington 98273

DATE STAMP

RECEIVED
Skagit County

OCT 7 1998

Flood area..... Legal lot..... Unstable slope..	Fee \$25.00	Planning/Permit Ctr. 598-0401
---	----------------	----------------------------------

REVISION

Do not write above this line. Official Use Only

Any person may appeal a determination by the staff or request a waiver from the requirements found in Ordinance #18156 (Skagit County Code, Chapter 12.04). See Section 12.04.110 for details.

Owner or Agent's Signature <i>Linda L. Benjamin</i>	Date 10/5/98
--	-----------------

APPLICATION

Property Owner (last, 1st, m.i.) <i>Johnson, Terry</i>		Phone # 755-9270	
Mailing Address 11000 E. Rio Vista Bunkleton		Zip Code 98233	
Assessor's Account Number(s) 4057-000-016-0003		P - Number 69917	Sec/Twp/Rge 12-34-4
Existing Plat Name or No. Summit Add. to Clear Lake		Lot # 16	Lot Size (acres) .6+
Location and/or Site Address 13164 Buchanan Lane			
Site Evaluator/Phone # 336-6144		Designer/Phone # Linda L. Benjamin	Contractor's # Linda B. Dean
Any previous site evaluations/designs for this site? yes		Name or Project File Johnson	What year was work done? 1998
PERMIT TYPE:	<input type="checkbox"/> Soils & Design	<input type="checkbox"/> Repair	<input type="checkbox"/> Operational
	<input checked="" type="checkbox"/> Design Only	<input type="checkbox"/> Non-Conforming Repair	
SITE EVALUATION:	<input checked="" type="checkbox"/> Existing Lot	<input type="checkbox"/> Proposed Lot	<input type="checkbox"/> Soil/site Consultation
DESIGN STATUS:	<input type="checkbox"/> New Design	<input checked="" type="checkbox"/> Redesign Revision of Drawings	<input type="checkbox"/> No design submitted
DESIGN TYPE:	<input type="checkbox"/> Conventional	<input type="checkbox"/> Pressurized Portion	<input type="checkbox"/> Hound
	<input type="checkbox"/> Sand Filter	<input type="checkbox"/> Sand Filter/Hound	<input type="checkbox"/> Sand-lined Trench
	<input checked="" type="checkbox"/> Other (Describe) ==> TRO w/ trees		
SYSTEM USE:	Residential 3	Non-Residential	
	_____ / of bedrooms	_____ / of occupants	
	360 total daily flow	_____ gal/day/occupant	
		_____ total daily flow	

OWNER: JOHNSON, TERRY
BY: BANNISTER, DEAN
ACC # 4027-000-016-0003
PG 4 OF 112

SOIL AND SITE INFORMATION

DATE OF EVALUATION 8/24/98
TIME OF EVALUATION N/A

SOIL LOG #1

0 TO 2 DARK BROWN LOAM
2 TO 19 PALE GRAY BROWN GRAV. LM.
19 TO 33 MOT. PALE GRAY BRN SILT LM.
TO 33+ PALE GRAY CLAY LOAM
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS 20 IN.
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 20 IN. + C.DRAIN YES

SOIL LOG #3

0 TO 13 DULL DARK BROWN LOAM
13 TO 35 MOT. PALE GRAY BRN SI. LOAM
TO
TO
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS 8 IN.
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 12 IN. C.DRAIN YES

SPECIFIC SITE DATA

01. TYPE OF SYSTEM TRD 1000 FOLLOWED BY A MOUND.
02. PROPOSED WATER SUPPLY PUBLIC
03. SPECIFIC SITE PREP NONE. DO NOT GRADE OR REMOVE ANY SOIL IN THE MOUND AREA
04. SITE VEGETATION CLEARED WITH NEW BRUSH, GRASS AND A FEW SMALL ALDER, CEDAR AND MAPLE
05. INST. DESIGN Y N X 06. PERC TEST Y N X 07. PART. SIZE ANALYSIS Y N X 08. SEWER DISTRICT Y N X
09. DIST. TO SEWER 200 FT. 10. EASEMENTS Y N X 11. SURFACE WATER WITHIN 200 FT. Y N X 12. EXIST SYS Y N X

FLOWS / SIZING

01. TYPE OF STRUCTURE TO BE SERVED A PROPOSED THREE BEDROOM RESIDENCE
02. DESIGNED FLOWS AND SYSTEM SIZING SEE MOUND SIZING PAGE FOR DETAILS.

NOTES:

01. ALL MINIMUM REQUIREMENTS NOT NOTED ON THIS DESIGN MUST CONFORM TO SKAGIT COUNTY CODE.
02. DRAINFIELD AND RESERVE SITES MUST REMAIN FREE OF BUILDINGS, VEHICULAR TRAFFIC OR IMPERVIOUS MATERIAL.
03. WATER SUPPLY LINE FROM PUBLIC MUST BE A MINIMUM OF 10 FT. FROM ANY PORTION OF THE SEPTIC SYSTEM
IF THE SLUPY IS UNDER PRESSURE / 30 FT. IF SUCTION.
04. IF THE SYSTEM IS GRAVITY FLOW BE SURE THE INVERT OF THE SEPTIC TANK IS HIGHER THAN THE LATERAL INVERT
OR A PUMP MAY BE NEEDED.
05. WASTE STRENGTHS TO THE DISPOSAL COMPONENT MUST BE LESS THAN THE FOLLOWING: BOD5 = 200 Mg/L, TSS = 125
Mg/L, GREASE AND OIL = 20 Mg/L. HIGHER WASTE STRENGTHS WILL REQUIRE ADDITIONAL TREATMENT.

SOIL LOG #2

0 TO 12 ORG. MATERIAL & DISTURBED LM.
12 TO 25 DARK BROWN LOAM
25 TO 31 DULL PALE GRAY BRN. MOT. SI. LM.
TO 31+ GRAY GLAY LOAM
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS NONE
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 18 IN + C.DRAIN YES

SOIL LOG #4

0 TO 3 DARK BROWN LOAM
3 TO 16 DULL PALE MED. GRY. BRN. LM.
16 TO 34 MOTTLED SILT LOAM
TO
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS 8 IN.
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 12 IN. C.DRAIN YES



OWNER: JOHNSON, TERRY
BY: BANNISTER, DEAN
ACC # 4027-000-016-0003
PG 5 OF 16

SOIL AND SITE INFORMATION

DATE OF EVALUATION 8/24/98
TIME OF EVALUATION N/A

SOIL LOG #5

0 TO 12 DULL DARK BRN LOAM
12 TO 31 MOT. PALE BRN. GRY. WELL
TO STRUCTURED SILT LOAM
TO
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS 16 IN.
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 12 IN. C.DRAIN YES

SOIL LOG #7

0 TO 7 DARK BROWN LOAM
7 TO 23 DULL DARK MED. BRN. LM.
23 TO 34 DARK BRN. GRY. SILT LOAM
TO 34+ PALE GRAY CLAY LOAM
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS 18 IN.
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 18 IN. + C.DRAIN YES

SPECIFIC SITE DATA

01. TYPE OF SYSTEM _____
02. PROPOSED WATER SUPPLY _____
03. SPECIFIC SITE PREP _____
04. SITE VEGETATION _____
05. INST. DESIGN Y N 06. PERC TEST Y N 07. PART. SIZE ANALYSIS Y N 08. SEWER DISTRICT Y N
09. DIST. TO SEWER _____ 10. EASEMENTS Y N 11. SURFACE WATER WITHIN 200 FT. Y N 12. EXIST SYS Y N

FLOWS / SIZING

01. TYPE OF STRUCTURE TO BE SERVED _____
02. DESIGNED FLOWS AND SYSTEM SIZING _____

NOTES:

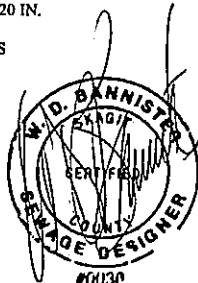
01. MINIMUM REQUIREMENTS NOT NOTED ON THIS DESIGN MUST CONFORM TO SKAGIT COUNTY CODE.
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03. WATER SUPPLY LINE FROM _____ MUST BE A MINIMUM OF 10 FT. FROM ANY PORTION OF THE SEPTIC SYSTEM IF THE SUPPLY IS UNDER PRESSURE / 50 FT. IF SUCTION.
04. IF THE SYSTEM IS GRAVITY FLOW BE SURE THE INVERT OF THE SEPTIC TANK IS HIGHER THAN THE LATERAL INVERT OR A PUMP MAY BE NEEDED.
05. WASTE STRENGTHS TO THE DISPOSAL COMPONENT MUST BE LESS THAN THE FOLLOWING: BOD5 = 200 Mg/L, TSS = 125 Mg/L, GREASE AND OIL = 20 Mg/L. HIGHER WASTE STRENGTHS WILL REQUIRE ADDITIONAL TREATMENT.

SOIL LOG #6

0 TO 5 DARK BROWN LOAM
5 TO 32 GRAVELLY DARK BROWN LOAM
TO 32+ GRAY CLAY LOAM
TO
TO
TO
TO
SCS SOIL SERIES HOOGDAL ROOTS 20 IN.
TYPE 4 APP. RATE .6 AT 0 INCHES
WATER TABLE 24 IN. + C.DRAIN YES

SOIL LOG

TO
TO
TO
TO
TO
TO
TO
SCS SOIL SERIES _____ ROOTS _____
TYPE _____ APP. RATE _____ AT _____
WATER TABLE _____ C.DRAIN _____



PROPOSED 3 BDM TEMP-
ORARY RESIDENCE AND
PERMANENT SHOP. THE
RESIDENCE WILL BE
REMOVED WHEN THE
FUTURE 3 BDM RES-
IDENCE IS COMPLETED

VEHICLE ENTRANCE AND
PARKING IS NOT EST-
ABLISHED AT TIME OF
DESIGN

START HUB AND
ASSUMED 100 FT
ELEVATION

4 INCH A S T M
3034 P V C
TIGHTLINE

FUTURE
PERMANENT
3 BDM
RESIDENCE

P L AS PER
BLUE LINE LOT
MAP

FILL TO TOP
WITH PEA
GRAVEL

EXISTING
SOIL
GRADE

4 INCH
2723
PERF
P V C

DIG 4
MIN OF
12 IN
INTC
IMPE-
VIOUS
MATERIAL

TYPICAL
CURTAINDRAIN
NO SCALE



NAME JOHNSON, TERRY
BY BANNISTER, DEAN
ACCOUNT NO 4027-000-016-0003
SCALE L I N = 50 FT PAGE 6 OF 16



1250 GAL D/C SEPTIC
TANK

TRD1000 SEQUENCING
BATCH REACTOR (INLET
INVERT SHOULD BE NO
MORE THAN 24 INCHES
BELOW THE TOP OF THE
SUBFLOOR LEVEL IN THE
RESIDENCE

1000 GAL S/C
SURGE TANK

INSTALL ALL TANKS WITHIN
THIS DASHED BOX

DRIVEWAY

SCH 40 2 INCH P V C

4 IN. A S T M 3034
P V C CASING

CURTAINDRAIN
MUST BE 10 FT
UPSLOPE OF THE
TOE OF THE RESERVE
AREA. CONSTRUCT 15
IN WIDE, 36 IN DEEP
AND 98 FT
LONG

80 3 FT BY
22 4 FT
RESERVE SITE

CL4
81.7

SL3
82

SL5
75.9

CL2
78.4

CL6
71.9

CL1
75.2

SL7
69.5

80 3 FT X 22 4 FT
PRIMARY MOUND SITE

4 IN P V C TIGHT-
LINE TO DAYLIGHT

REBAR

ASSUMED P L OWNER
MUST VERIFY TRUE
LINE LOCATION

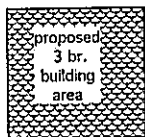
Linda L. Benjamin
CERTIFIED DESIGNER
ON-SITE SEWAGE
SKAGIT COUNTY
SKAGIT SEPTIC SYSTEMS

TERRY JOHNSON
4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page 3 of 8

SCALE: 1"=40'

WATER: P.U.D.

N



95'

new location of 1250 gal.
2-comp. septic tank
and trd 1000 tank

4" tightline
astm 3034
(clean-out
needed at
about 50')

DESIGN:
3 BR. X 120 GPD=360 GPD
360 GPD/6=600 SQ.FT.
LESS 50% FOR TRD=300 SQ.FT.
USE 100' LINEAL X 36" WIDE
TOTAL DEPTH IS 12"

4" tightline
astm 3034

1" PVC

this reserve area would
have to be a mound

2-4%

curtain drain

"d" box

4" tightline
astm 3034

49'

SITE, DESIGN AND CONSTRUCTION
REQUIREMENTS NOT SPECIFICALLY
MENTIONED HERE SHALL CONFORM
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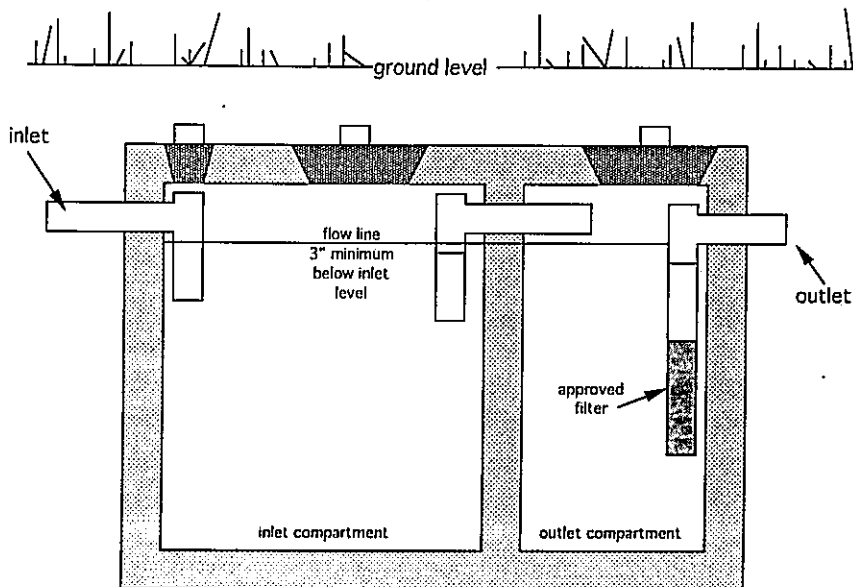
NOTICE TO BUILDER:

Code requires 4 inspections
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Linda L. Benjamin
CERTIFIED DESIGNER
ON-SITE SEWAGE
SKAGIT COUNTY
SKAGIT SEPTIC SYSTEMS

TERRY JOHNSON
4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page 4 of 8

CROSS SECTION OF A TYPICAL
1250 GALLON SEPTIC TANK



SITE, DESIGN AND CONSTRUCTION
REQUIREMENTS NOT SPECIFICALLY
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TO APPLICABLE COUNTY AND STATE
STANDARDS.

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1. outlet compartment to hold between 500 and 700 gals.
2. risers required over any compartment lid over 12" below ground level.
3. tank is waterproof, reinforced concrete.
4. tank dimensions to measure 1250 gals. below flow line.

Terry Johnson
4057-000-016-0023
page 5 of 2

TRD 1000

ON-SITE WASTEWATER TREATMENT SYSTEMS
For Residential and Commercial Properties

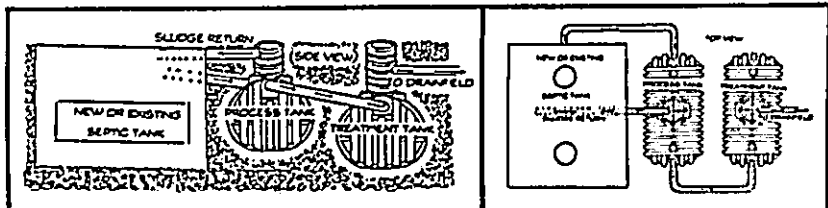
"USING TODAY'S TECHNOLOGY FOR A BETTER TOMORROW"

THE DISTINCT ADVANTAGES OF THE TRD 1000

- ♦ Rated No.1, in Environmental Health & Safety in on-site sewage disposal on the Market Today
- ♦ Employs Advanced Sequence Batch Reactor (SBR) Technology, ensuring consistent batch to batch processing
- ♦ The TRD 1000 utilizes Innovative Control systems IPC-2K Programmable Controller to control all system operation, alarming and monitoring
- ♦ The only 24-hour Computerized Tele-Monitoring NSF approved system of its kind on the market today, allowing for continual monitoring of safety factors such as environmental contamination
- ♦ Exceeds ANSI/NSF International Standard 40 for Class I Effluent, ($BOD_5 < 2mg/L$ and $TSS < 2mg/L$), the lowest and most consistent results of any approved system on the market today
- ♦ Exceptional Nitrate and Fecal Coliform Reduction
- ♦ Competitive, affordable cost with low maintenance requirements
- ♦ Two-Year full Parts and Labor Service Warranty with a continuing Service Contract between the Buyer and the Certified Service Contractor
- ♦ Can be installed with a new or existing septic tank
- ♦ Available in concrete or plastic models

WHAT IS THE TRD 1000?

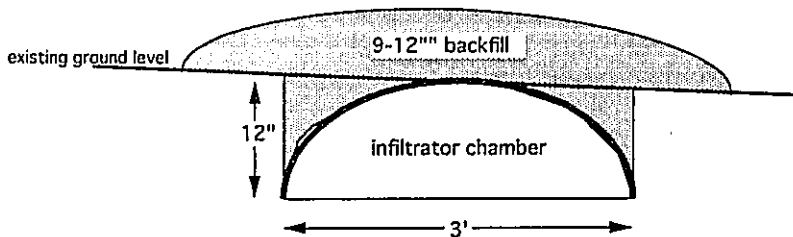
The TRD 1000 is a uniquely configured sequence batch reactor which is schematically shown in the figure below. The purity of the effluent is such that the drainfield, if required at all, becomes much less critical due to the performance of the system. This allows the system to function effectively in a wide range of unsuitable soil conditions generally considered unacceptable for even the most advanced engineered septic designs.



Linda L. Benjamin
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TERRY JOHNSON
4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page 6 of 8

TRENCH PROFILE
12" DEEP 2.4 % SLOPE
MAX. TYPICAL TRENCH



NOTE: 2 INSPECTION PORTS REQUIRED IN EACH TRENCH.

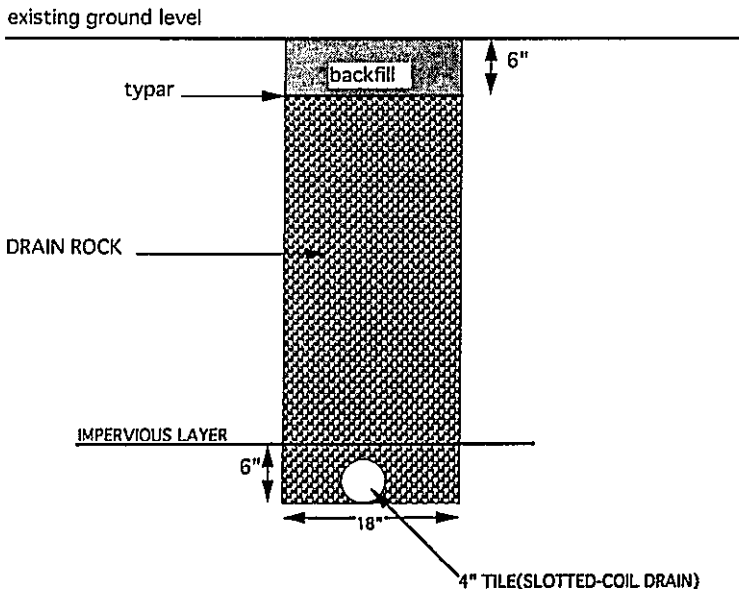
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ON-SITE SEWAGE
SKAGIT COUNTY
SKAGIT SEPTIC SYSTEMS

TERRY JOHNSON
4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page 7 of 8

TYPICAL CURTAIN DRAIN



SITE, DESIGN AND CONSTRUCTION
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4027-000-016-0003
SKAGIT SEPTIC SYSTEMS
page 8 of 8

SKAGIT COUNTY CODE 12.04.040

INSPECTIONS

(a) The Health Officer may make inspections during construction to determine compliance with these regulations.

No part of any installation shall be covered or put into use until approval has been obtained from the Health Officer. The Health Officer may waive this requirement provided the installation has been made by a person certified under Section 12.04.090 and further provided that a designer certified under Section 12.04.080 performs the inspection. If deviations from the approved plans and specifications have occurred during construction, or if self-inspection has been permitted by the Health Officer, a complete set of certified "as-built" drawings shall be provided to the Health Officer by the designer for a permanent record of the installation within ten days of completion of construction.

(b) On-site inspections shall be requested by the designer at stages of construction as established by the Health Officer and the State guidelines. As a minimum, the following stages of constructions must be approved by the Health Officer before proceeding to the next state of construction, covering or placing system in use:

- (i) To prepare site or begin installation of system during wet season
(November through May).
- (ii) All above and below ground level treatment and storage devices---empty.
- (iii) Fill material/gravel (open trench or bed).
- (iv) Pressure test (s).
- (v) Final inspection.

NOTE: Nothing contained herein shall prohibit the designer of record from requiring additional designer performed inspections to insure compliance with design and regulations.

NOTICE TO BUILDER: Code requires 5 inspections during the progress of this construction. Contact designer concerning time and fees.

SITE, DESIGN AND CONSTRUCTION
REQUIREMENTS NOT SPECIFICALLY
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STANDARDS.

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concerning time and fees.

Critical Areas Field Indicator Form

Date: 9-1-78

Field Staff: 66

Applicant's Name: Johnsen, Teru

Site Address: Buchanan Ln

Townships:

Range: _____

Yes . No

☐ ☒☒ ☐☐ ☒

☐ ☐

1000

☐ ☒

Fish & Wildlife Habitat:

Stream Type Present: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Priority Species Present: ☐ Yes ☐ No

Species Present:

F&W Biological Assessment Required? ☐ Yes ☒ No

Geohazard;

☐ Yes ☐ No

Slope Characteristics:

Stops Height: ☐ < 10 feet ☒ 10-100 feet ☐ > 100 feet

Slope Angle: 10-20 percent

Slope Vegetation:

- ☒ bare soil areas
- ☒ vegetation cut, removed or cleared
- ☒ Mature vegetation (trees, shrubs, and groundcover)
- ☐ water loving plants (horsetail, skunk cabbage, willow, salmonberry, etc.)

Landslide Indicators:

- ☐ recent slide
- ☐ bowl-shaped slope configuration
- ☐ hummocky ground
- ☐ leaning trees or bowed trunks
- ☐ areas of low brush (blackberry)/bare areas
- ☐ springs or groundwater seepage present

☐ Yes ☒ No

Comments:

OF area is fine

SKAGIT COUNTY PLANNING & PERMIT CENTER
PART III - MAPPED CRITICAL AREAS REFERENCE / STAFF REVIEW

S98-0401

A. GENERAL INFORMATION:

1. Site Address or nearest 1/4, 1/4 Section-Township-Range: 12 34 4
2. Name of Applicant: Terry Johnson

Note to Staff: Please review the information resources as indicated in the checklist and indicate whether or not the subject property meets the stated parameters by circling the appropriate answer: Yes or No.

B. WETLAND AND FISH AND WILDLIFE INDICATORS:

Mapped Wetland Fish and Wildlife Indicators

1. Does the National Wetland Inventory information indicate the presence of wetlands on or within 200 feet of the project area?
2. Does the Soil Survey of Skagit County (USDA, 1989) indicate the presence of hydric soils on or within 200 feet of the project area (see Appendix A for list of soils)?
3. Are there endangered, threatened or sensitive species with a primary association and/or their habitat indicated on the Priority Habitats and Species Program maps on or within 200 feet of the project area?
4. Are there any streams or bodies of water, year-round or seasonal, shown on the County's stream type maps which have a Type 1 through 5 classification on or within 200 feet of the project area?
5. Are there any public or private tidelands available for shellfish harvest, kelp or eel grass beds, herring or smelt spawning areas as indicated on the Priority Habitats and Species Program maps on or within 200 feet of the project area?
6. Does the Department of Ecology's, Coastal Zone Atlas indicate the presence of a Critical Biological Area on or within 200 feet of the project area?
7. Are there County designated habitats and/or species areas of local importance as noted on the Priority Habitats and Species Program maps on or within 200 feet of the project area?

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

C. GEOLOGICALLY HAZARDOUS AREAS INDICATORS:

Mapped Geo-Hazard Indicators

1. Is the project area on or within 500 feet of coastal bluffs or slopes or from areas indicated as Unstable, Unstable Bluff, Unstable Recent Slide or Unstable Old Slide on the Coastal Zone Atlas for Skagit County?
2. Is the project area on or within 200 feet of an alluvial fan as indicated on the Skagit County Alluvial Fan Study Orthophotos?
3. Is the project area on or within 200 feet of a mine hazard area as indicated on the Department of Natural Resources Map: Coal Measures of Skagit County (1924)?
4. Does the Soil Survey of Skagit County (USDA, 1989) indicate soil types #51 (*Dystic Xerorthents*), #99 (*Mundt*) or #117 (*Saxon*) as being present on the property?
5. Is the site on or within 200 feet of potential soil liquefaction areas as identified on the Relative Slope Stability map (USGS Port Townsend Quadrangle)?
6. Are areas of historic geologic failures such as quaternary slumps, earthflows, mudflows, lahars, or landslides indicated on maps or technical reports published by the United States Geological Survey or the Geology and Earth Sciences Division or the Department of Natural Resources which the County has on file?
7. Does the project area fall on or within 200 feet from slopes having gradients 15% or greater (as shown on the slope stability map)?

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

YES ☒ NO

#: _____

D. FREQUENTLY FLOODED AREAS INDICATORS:

Mapped Frequently Flooded Indicators

1. Is the proposed activity located in a designated Flood Hazard Area as identified on Skagit County Flood Insurance Rate Maps?

YES NO

E. AQUIFER RECHARGE AREAS:

1. Is this proposal for a single-family building permit on a pre-existing legal lot of record created prior to June 13, 1996?

YES NO

- A. If the answer is "yes" to the question, then according to the Aquifer Recharge Protection Maps, is the project area on or within 200 feet of any of the following designated areas:
Wellhead Protection Area ☐, Sensitive Aquifer Area ☐, or
Sole Source Aquifer Area ☐ ? Yes ☐ No ☒ Unknown

* If the answer to question (A) above is "Yes", then a Level I Hydrogeologic Report under section 14.06.320 is required. A meeting is recommended with the Environmental Health Specialist located at the Planning and Permit Center office.

** If the answer to question (A) above is "no", then a site plan containing the information noted in 14.06.040 is required along with any other information required for the permit being applied for.

- B. If the answer is "No" to question (1) above, then the proposal is categorized as a Category II use and subject to a Level I or Level II Hydrogeologic Report under section 14.06.320. If such a report has been prepared, a copy of the report should be attached to the application for further project review. A meeting is recommended with a Environmental Health Specialist staff person to review project submittal requirements.
2. Is the project areas within 1/2 mile of a Department of Ecology designated "closed" or "low-flow" stream?

YES NO

F. STAFF COMMENTS:

The mapped references and the applicant's answers to the critical area checklist: does ☒ does not ☐ indicate the presence of any critical areas. A site visit is ☒ is not ☐ required for this project.

The following Critical Areas are indicated according to the checklist:

Wetlands ☐ Fish & Wildlife ☐ Frequently Flooded ☐ Aquifer Recharge ☐ Geo-Hazard ☒

Staff assigned to site visit: Name _____

A site visit has been scheduled for: Date: _____ Time: _____

G. SIGNATURE:

I have reviewed the referenced information resources with regard to critical areas. The answers provided to the questions above are true to the best of my knowledge.

Staff Person: leah forbes Date Reviewed: 8-28-98

KATHY HILL
SKAGI

'98 SEP -2 18:56

9809020014

RECORDED _____ FILED _____
REQUEST OF _____

THOMAS, INC.
8000 PARKER RD.
SEDRO-WOOLLEY, WA 98284
Page 1 of 2

MAINTENANCE AGREEMENT DOCUMENT # _____

GRANTOR Thomas INC.

GRANTEE TERMY L JOHNSON ADDITIONAL NAMES ON PAGE _____
ABBREVIATED LEGAL DESCRIPTION:

SUNSET ADDITION TO CLEAR LAKE #2 LOT
16 5.97 ACRES

ASSESSOR'S PROPERTY TAX PARCEL NUMBER P69917 / ACCOUNT # 4027-000-016-0003
SYSTEM I.D. # _____ SYSTEM PHONE# _____

DESIGNER BANNISTER SEPTIC ADDRESS 1927 S 17TH STREET MT. VERNON WASH. 98274

INSTALLER OWNER ADDRESS 1600 EAST RIO VISTA BUCKLETON WASH. 98258

DATE OF INSTALLATION _____ (Date 2 Year Coverage Begins)

SERVICE CONTRACTOR _____ ADDRESS _____

This contract documents the agreement between property owner and service provider for maintenance and inspection of the TRD plant installed at: ADDRESS: 13164 BUCHANAN LANE MT VERNON WASH. 98273

This contract documents the agreement between the property owner and the service provider for the maintenance and inspection of the TRD-1000 plant. This document shall be properly recorded with the title for the real property, subsequent to system installation.

This contract is in effect upon installation of the plant, and shall be renewed annually, until the system is decommissioned by the property owner or service provider.

The service provider will annually inspect the plant to ensure proper operation. This inspection will consist of a visual inspection of the plant internals, observance of the plant effluent for odor, color, and turbidity, and recording the results. Also, inspection of the septic tank for sludge and scum accumulation, and documenting the results. Documentation detailing the inspection results will be provided to the property owner. The property

Building 78-0871

THOMAS, INC.
8000 PARKER RD
SEDRO-WOOLLEY, WA 98284

Page 2 of 2

owner will notify the manufacturer in the event of any alarms or abnormal conditions and operate the system in accordance with the standard septic system guidelines, as required by the installer and manufacturer.

If effluent samples are required by the local health department having jurisdiction, the cost of such samples and analysis are the responsibility of the property owner. If septic tank pumping is required, the cost of such pumping shall remain the responsibility of the property owner.

Residential properties will be monitored and annually serviced at a cost of \$20.00 per month, billed annually at \$240.00. The cost to renew this contract will not exceed 2% of the prior year's cost. Commercial properties will be monitored and annually serviced at a cost of \$_____ per month, billed annually at \$_____. The cost to renew this contract will not exceed 2% of the prior years cost.

In the event of property owner's failure to pay annual service contract, Thomas Inc. will cover the cost of the service contract, and the amount due, plus interest in the amount of 1.5% per month subject to lien against the property.

A full residential service contract covering all parts and ~~labor~~ is available for an additional cost of \$10.00 per month, billed annually at \$120.00. Commercial prices will be negotiated depending on the application.

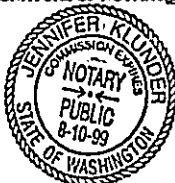
At Thomas, Inc. option the sole and exclusive liability of Thomas Inc shall be a refund of the service contract's purchase price. In no event shall Thomas Inc. be liable for any direct or indirect, incidental, consequential or special damages whatsoever.

The prevailing party in any arbitration, action, or appeal arising out of this agreement, or any breach of this agreement, shall be entitled to an award of costs and reasonable attorney's fee. Any action brought pursuant to this agreement must be filed in Skagit County, Washington. This agreement will be governed by and construed under the laws of the State of Washington.

NAME OF BUYER TERRY L JOHNSON

SIGNATURE OF BUYER [Signature]

SIGNATURE OF NOTARY [Signature] EXP 8-10-99



SKAGIT COUNTY PERMIT CENTER

Permit #: S98-0401

700 SOUTH SECOND STREET • ROOM 204 • MOUNT VERNON, WASHINGTON 98273

INSPECTIONS (360) 336-9306 • OFFICE (360) 336-9410 • FAX (360) 336-9416 ONSITE SEWAGE PERMIT

Parcel No: P69917

Location: SUNSET ADD TO CLEAR LK L 16 13164 BUCHANAN

Status: ISSUED

LIssued: 10/09/1998

Expires: 09/01/2003

4027-000-016-0003

APPLICANT JOHNSON TERRY L

1600 E RIO VISTA, BURLINGTON WA 98233

OWNER JOHNSON TERRY L

1600 E RIO VISTA, BURLINGTON WA 98233

CONTRACTOR ABLE DEVELOPMENT COMPANY, THE

Phone: 3604284949

1927 S 17TH, MOUNT VERNON WA, BANNISTER, WARREN D 98274

Description:

TRD W/TRENCHES PER REVISION

Permit Fee : \$ 550.00

*****PERMIT SUMMARY*****

Residential (Y/N)...: Y

Bedrooms/Occupants: 3

Total Daily Flow..... 360

Lot Size: 6.00Acre(s)

Application Type: NEW

System Type: MND/AER

Fee Type: SD

Issuance of a sewage disposal permit does not constitute fulfillment or satisfaction of any other land use requirements for a future building. Land use requirements include, but are not limited to: zoning, shoreline, and building code regulations. Permit holders are cautioned that compliance with all applicable land use requirements should be completed prior to beginning installation of the sewage system.

This installation shall comply with all requirements of the Skagit County Rules and Regulations For On-Site Disposal including INSPECTION BEFORE COVERING. Property owners should contact a designer, an engineer or the County for instructions before installing their own sewage disposal system.

It is the applicant's responsibility to be familiar with the requirements of RCW 18.27 (Registration of Contractors). Issuance of this permit is under the condition that the applicant or owner is exempt from contractor registration or that their contractor is a Skagit County certified installer.

THIS PERMIT WILL EXPIRE ON Sep 01, 2003Dept. Agent: Greg GebeynseDate: 10-9-98