

SKAGIT COUNTY PERMIT CENTER

County Administration Building - Room 228 - Mount Vernon, Wa. 98273

Phone (206) 338-9410

P20170

PERMIT # 779-85

FRANK HAMNER
Property Owner

630 SIEMILLER ANACORTS
Address

DICK GUDMULSON
Designer

DICK GUDMULSON
Installer

Legal Description: SEE DESIGN

Address of Site: 1386 "C" GIBRALTER (Palm Lane)

25 New Construction
Alter or Repair

4 Bedrooms 4 People 1000 GAL Tank Liquid Capacity

Type of Absorption System TRENCH Disposal Trench: 800 sq. ft.

Gravel Used: 30 Cubic Yards

RECEIVED

Gravel Used Below Tile: 15 Cubic Yards

OCT 13 1985

Drainage, Topography and Relevancy:

COMM. DEVELOP. DIV.

1. Was disposal field site well drained? YES
2. Any water course (stream, drainage ditch, river, etc.) through or near site: YES (POOD + 110')
3. Any heavy slopes in absorption area? NO If yes, how much?
4. Has present topsoil in absorption area been removed or graded before field tiles were installed? NO
5. Was any fill material used in the absorption area? NO
6. Were there any wells in this area? NO If yes, how far from any part of septic system?
7. Any ground water encountered before reaching depth of five feet? NO
8. Any particular problems with installing this system according to plan (i.e. builder or installer problems)? NO

I hereby certify that information recorded on both sides of this sheet is true and accurate and that I personally inspected and approved this system on NOV 1, 85

Date NOV 2, 85 Signature [Signature]

Reviewed by _____ Date _____

Remarks _____

PLEASE USE OTHER SIDE OF THIS PAGE FOR AS-BUILT SKETCH



0111 1991 0800 0093



POND

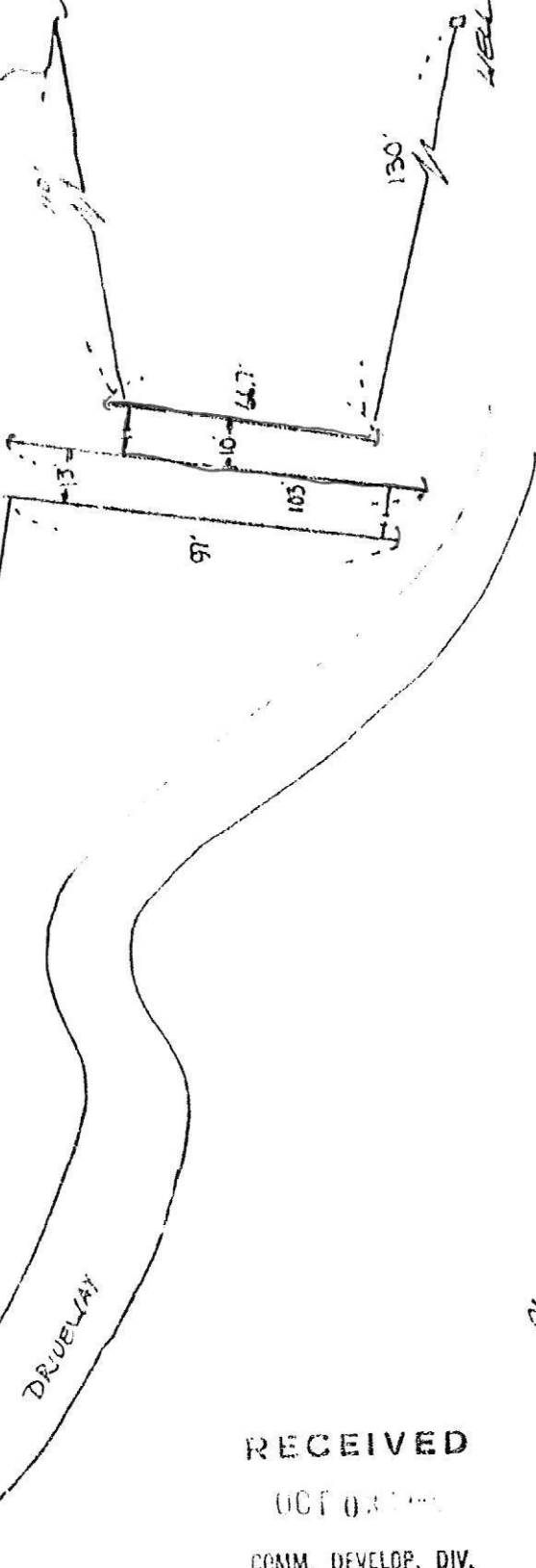
WELL

1000 GAL
SEPTIC TANK

220' 4" TIGHTRIDGE

DRIVEWAY

PROPOSED
480RM
STONE



PL

RECEIVED
OCT 03 1961
COMM. DEVELOP. DIV.

**Skagit County Planning &
Community Development**

ON-SITE SEWAGE PERMITS

PERMIT NUMBER: 85-229

APPLICANT'S NAME: Hamiter, Frank

ASSESSOR'S ACCOUNT NUMBER: 083402-3-010-0101

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RECEIVED

RECEIVED

JUL 25 1985

JUL 25 1985

COMM. DEVELOP. DIV.

COMM. DEVELOP. DIV.

ON-SITE SEWAGE SYSTEM APPLICATION

Permits Expire 5 Years from Date of Design Approval

FRANK HAMITER

650 SIEMILLER ANACORTES

793-4995

Property Owner

Mailing Address

Phone

08340Z-3-010-0101

PTN OF SEC 8 TWP 34 RZ

9 AC

Assessor's Account #

Plat, Division, Block, Lot(s)

Lot Size

SEE GIBRALTER RD

SEE MAP

Site Address (at least name of road) AND Complete Directions to Site (or draw map & attach)

1. Are there any other residences on property? NO
2. Do you own any adjoining parcels of land? NLS
3. Description of proposed structure. If residence state number of bedrooms/square footage of floor area (excluding garage). 3 BDRM (See Redesign 7-31-85 to 4 Bedroom)

PLEASE CHECK ALL APPROPRIATE BOXES:

- Stage 1 - Application for all new sewage disposal systems for site/design review.
- Type of system:
- Conventional
 - Sand Filter
 - Mound
 - Pressure Distribution
 - Other _____
 - Soil/Site Consultation
 - Proposed Subdivision Lot # _____
 - Without Design
 - With Design
 - Variance
- Repair
- Application/Design/Site Review
- Approval to construct

NOTE Soil tests, site plan, and sewage system design must accompany this application (see details on back).

***Permit number required prior to construction.

COUNTY USE BELOW THIS LINE

Floodway

Zoning approved by _____ Date: _____

Amount Pd. _____ Date 7/27/84 Amount Pd. \$6500 Date 9/9/85 Amount Pd. _____ Date _____

Received by [Signature] Received by [Signature] Received by _____

HEALTH UNIT APPROVALS

Sanitarian: George E. Polgway Date: 7-29-85

Stage 1 Approval to begin preparation of site for fill and experimental system Above & below ground level treatment and storage devices -- empty Revised Design 7-31-85

For Single-Family Residence:
Approved for maximum of 4 bedrooms with a maximum of 2500 sq. ft. floor area.

Fill Material _____
 Pressure Test _____
 Final Inspection _____
 Repair Application _____
 Proposed Subd. Lot # _____

PERMIT # 229-85
 EXPIRES 7-29-90

System Installed by N.W. Septic

Installed per design? yes no

Perform soil tests and site evaluation and construction plans in the manner prescribed in Skagit County Rules and Regulations for On-site Sewage Disposal, Ordinance #10136.

SOIL LOG #1

0 to 16 in. LT.BR SL MED
16 to 40 in. LT.BR SL MED-COARSE
to in.
to in.

Anticipated water table 40 inches.

SOIL LOG #2

0 to 6 in. DK.BR SL
6 to 38 in. LT.BR-RD SL
to 38 in. GR-BR LS
to in.

Anticipated water table 38 inches.

SOIL LOG #3

0 to 3 in. DK.BR SL
3 to 40 in. LT.RD-BR SL
40 to 44 in. GR-BR LS
to in.

Anticipated water table 40 inches.

SOIL LOG #4

to in.
to in.
to in.
to in.

Anticipated water table inches.

Recommended Rate of Wastewater Application: .6
gal/day/sq. ft.

IMPORTANT NOTICE: Any person may appeal a determination by the staff or request a waiver from the requirements found in Ordinance #10136-- Skagit County Sewage Code 12.04. See Section 110 for details.

On a separate sheet provide a site plan in conformance with Permit Center Information Flyer #2 "Site Plan Requirements" and include sewage system design details.

Flag all test holes to help locate site.

DEFINITION OF BEDROOM: Bedroom shall mean any room normally used for sleeping and indicated as such on building plans. The minimum number of bedrooms per square footage of floor area (basement, first and second) shall be:

- 0 - 1500 sq. ft. = 1 or 2 bedrooms
- 1500 - 2000 sq. ft. = 3 bedrooms
- Every additional 500 sq. ft. or portion thereof shall = 1 bedroom

CERTIFICATION

The undersigned certifies that he/she ~~performed~~ ^{SUPERVISED} the above tests on (date) 22 JUL 85 in the manner prescribed, that he/she has truly and accurately recorded the results by these tests procedures and that the sewage system design and site plan to the best of his/her knowledge meets all Skagit County and State of Washington requirements for individual sewage treatment.

SIGNATURE [Signature]

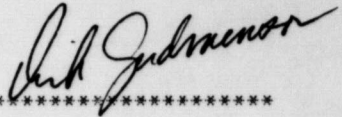
ADDRESS _____

NORTHWEST SEPTIC
P. O. Box 1341
Mt. Vernon, Wa. 98273
206 - 336-6121
DATE July 25 1985
PHONE _____
Contr. #NO-RT-HS-*205LE

NORTHWEST SEPTIC
P.O. BOX 1341
MT. VERNON, WA. 98273
CONTR. # NO-RT-HS-*205LE

FOR HAMITER
JOB # 85265
206-336-6121

PROGRAM BY
M.D. MITCHELL, P.E.



NON-PRESSURE DRAINFIELD DESIGN

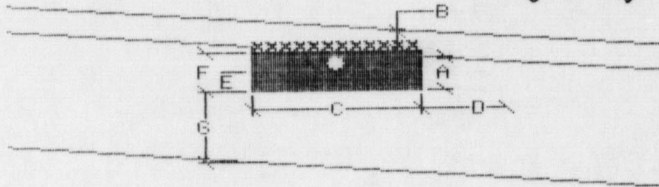
DESIGN COMMENTS AND SUMMARY

THE SYSTEM IS FOR A 3 BEDROOM HOME. EACH BEDROOM IS ASSUMED TO USE 120 GALLONS PER DAY, SO THE TOTAL IS 360 GALLONS PER DAY. THE SOIL IS LOADED AT THE RATE OF .6 GALLONS PER SQUARE FOOT PER DAY. HENCE THE SYSTEM HAS 600 SQUARE FEET OF BOTTOM AREA. THE SLOPE AT THE SITE IS 10 PERCENT AND THE NATIVE SOIL IS 38 INCHES DEEP. THEREFORE THE VERTICAL SEPARATION IS 24 INCHES. THE SYSTEM IS DESCRIBED AS FOLLOWS:
IT CONSISTS OF A SERIES OF 3 TRENCHES EACH 3 FEET WIDE. EACH TRENCH IS 66.7 FEET LONG AND THEY ARE 6 FEET APART. THE OVERALL WIDTH OF THE SYSTEM IS 21 FT.

A SKETCH IS SHOWN BELOW. ITS SCALE IS 1 INCH = 30 FEET.



Rich Johnson



TRENCH DETAIL

A, DEPTH IN NATIVE SOIL.....	10 INCHES
B, COVER.....	.6 INCHES
C, TRENCH WIDTH.....	36 INCHES
D, WALL TO WALL SPACING.....	.6 FEET
E, GRAVEL UNDER PIPE.....	.6 INCHES
F, TRENCH DEPTH.....	12 INCHES
G, VERTICAL SEPARATION.....	24 INCHES

INSTALLATION NOTES

1) BEFORE DIGGING THE TRENCHES:

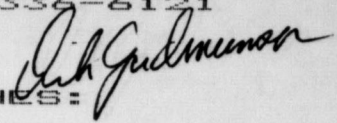
REMOVE ALL TREES AND BRUSH WITHIN 10 FEET OF THE TRENCHES. TRENCHES MUST AVOID WATER, DWELLINGS AND BOUNDARIES. MAKE SURE ALL LOCAL RULES GOVERNING THIS ARE COMPLIED WITH. DRAW THE SYSTEM ON THE GROUND BEFORE YOU START DIGGING.

2) WHILE DIGGING THE TRENCHES:

TRENCH BOTTOMS MUST BE LEVEL (+/- 1 INCH). FOLLOW THE CONTOUR OF THE SLOPE TO DO THIS. USE A BUILDERS LEVEL TO VERIFY THIS. THE TRENCHES NEED NOT BE STRAIGHT, BUT THEY SHOULD BE AS SHALLOW AS THE DESIGN PERMITS. IN NO CASE SHOULD THE TRENCH BOTTOM BE MORE THAN 36 INCHES BELOW THE FINISHED GRADE. IF SMEARING OF SIDE WALL OR BOTTOM OCCURS THEN HAND RAKE THE TRENCH 1 INCH DEEP.

3) WHILE FILLING THE TRENCHES:

USE ONLY CLEAN DRAINROCK WITH AT LEAST 40% VOID VOLUME. IT SHOULD BE COVERED WITH 2 INCHES OF COMPACT STRAW, TYPAR 3401 OR EQUIVALENT. NEWSPAPER IS NOT ACCEPTABLE. DRAIN TILE SHOULD BE 4 INCH PERFORATED PVC PER ASTM 2729.



4) COVERING THE TRENCHES:

COVER SHOULD BE AS SHALLOW AS LOCAL RULES PERMIT. THIS MAXIMIZES THE OXYGEN THAT CAN GET TO THE TRENCH BOTTOM.

5) CONNECTING THE TRENCHES AND THE SEPTIC TANK:

THE PIPING SHOULD BE PVC PER ASTM 3034 SDR 35. IT SHOULD SLOPE DOWNWARD A MINIMUM OF 1/8 INCH/FOOT. IF A DISTRIBUTION BOX IS USED, IT SHOULD BE CAREFULLY WATER LEVELED.

RESPONSIBILITY AND COST NOTES

IF NORTHWEST SEPTIC OR ANY OF ITS EMPLOYEES IS TO BE RESPONSIBLE FOR THIS DRAINFIELD THEN THE FOLLOWING INSPECTIONS ARE REQUIRED:

1) BEFORE DIGGING THE TRENCHES:

NWS MUST APPROVE THE SOIL MOISTURE CONTENT AND SITE IMMEDIATELY BEFORE CONSTRUCTION BEGINS.

2) BEFORE FILLING THE TRENCHES:

NWS MUST OBSERVE ALL TRENCH BOTTOMS BEFORE GRAVEL IS ADDED.

3) BEFORE BACKFILLING OR COVERING:

NWS MUST OBSERVE ALL PIPING BETWEEN THE SEPTIC TANK, THE DISTRIBUTION BOX, AND THE TRENCHES BEFORE THEY ARE COVERED. NWS MUST OBSERVE ALL TRENCHES WITH TYPAR OR STRAW IN PLACE PRIOR TO BACKFILLING OR COVERING. NWS MUST THOROUGHLY INSPECT THE INSIDE OF THE SEPTIC TANK. IT MUST BE UNCOVERED TO DO THIS.

4) AFTER BACKFILLING:

NWS MUST INSPECT THE SYSTEM AFTER COMPLETION. IT IS THE RESPONSIBILITY OF THE INSTALLER TO PROVIDE NWS WITH A COMPLETE AND NEAT AS-BUILT DRAWING FOR USE WITH THE FINAL INSPECTION.

ON SYSTEMS NWS DOESN'T INSTALL

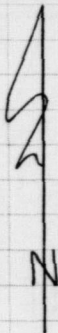
NWS REQUIRES 24 HOUR NOTICE FOR ALL INSPECTIONS. THEY ARE NOT PRE-PAID. NWS CHARGES FOR INSPECTIONS. IN REQUESTING INSPECTIONS, YOU ARE AGREEING TO PAY FOR THEM!!

u 1190'

ALL BEARINGS SHOWN ARE MAGNETIC
□ SOIL LOG x ELDER (TA66ED)

THIS IS NOT SUFFICIENTLY DETAILED
FOR ALL PHASES OF INSTALLATION. SEE
ATTACHED FOR DETAILS

ALL WELL TO BE 100' FROM DRAINFIELD
AND 50' FROM SEPTIC TANK



PROPRIETARY NOTICE

This document contains information proprietary to Northwest-Septic &/or its suppliers. It may not be disclosed to others for any purpose nor used for installation purposes without the written permission of Northwest Septic.

NORTHWEST SEPTIC
P. O. Box 1341
MT. VERNON, WASHINGTON 98273
(206) 336-6121
C.L. #NO-RT-HS-2051E

330'

*Revised Design
Approved
7-31-85
GRT
John Johnson*

PROPOSED
4 BDRM
HOME
SITE

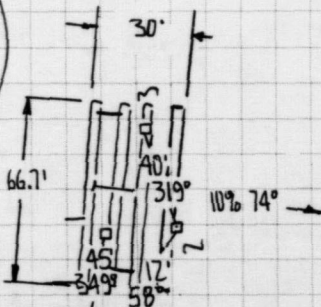
SLOPE BREAK

u 32%

SEPTIC TANK A006

4" ASTM 3034 SDR 35

GRAVEL RD



JOB **HANITER** 85265
SHEET NO. 4 OF 4
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE 1" = 50'
PEN 1

≈ 1190'

ALL BEARINGS SHOWN ARE MAGNETIC
□ SOIL LOG x ELDER (TAGGED)

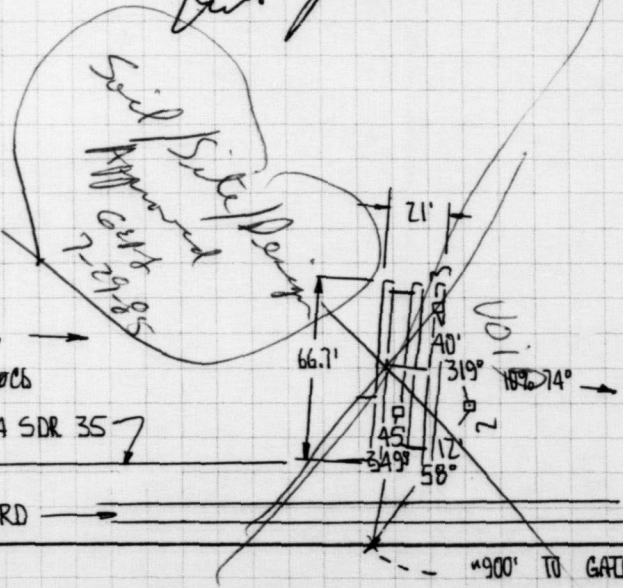
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P. O. Box 1341
MT. VERNON, WASHINGTON 98273
(206) 336-6121
C.L. #NO-RT-HS-2095L

Rich Johnson



330'

SLOPE BREAK

≈ 32%

SEPTIC TANK AREA

4" ASTM 3034 SDR 35

GRAVEL RD

≈ 900' TO GATE

JOB HANITER

85265

4 OF

DATE

SHEET NO

DATE

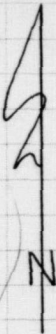
CALCULATED BY

DATE

CHECKED BY

DATE

SCALE 1" = 50'



A O C 6

1000 GALLON SEPTIC TANK

Paul Johnson

MINIMUM STANDARDS OF MFG & INSTALLATION

INLET: MINIMUM SLOPE 1/8 PER FOOT, MAXIMUM 1/4" PER FOOT WITHIN 10 FEET OF TANK

SOLVENT WELDED FITTINGS BONDED TO TANK. INLET & OUTLET
USE SUPPORTED ASTM A 3034 PVC PIPE FOR INLET & OUTLET

OUTLET: MINIMUM SLOPE 1/8 PER FOOT

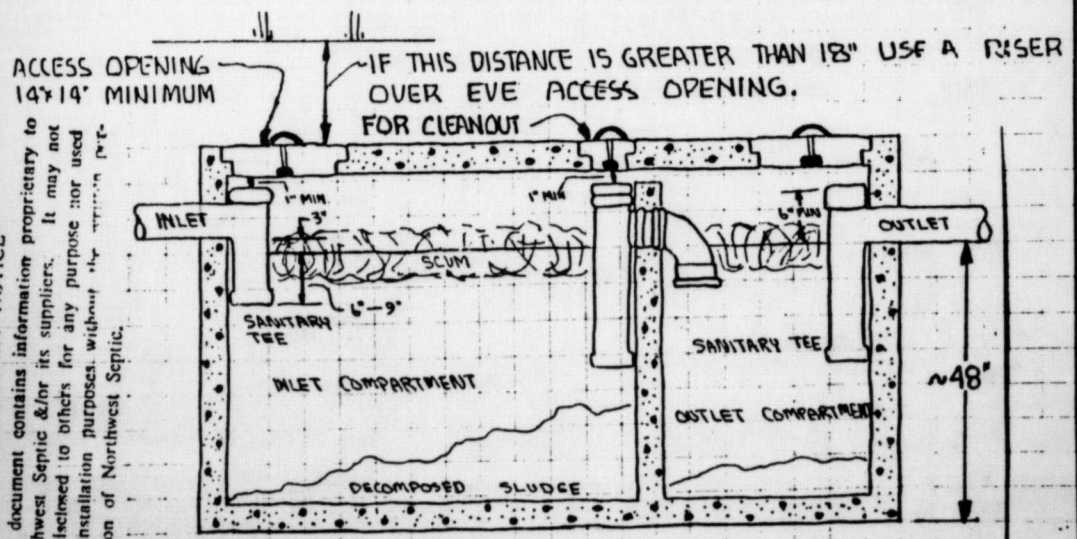
ACCESS: EACH COMPARTMENT MUST HAVE AN ACCESS OPENING FOR PUMPING & INSPECTION.

TWO COMPARTMENTS REQD: INLET 500 TO 666 GALLONS
OUTLET 333 TO 500 GALLONS.

LEVEL: SET THE TANK SO THE BOTTOM IS LEVEL.

MAT'L: REINFORCED CONCRETE, APPROVED BY LOCAL HEALTH DEPT.
THE TANK MUST BE WATER TIGHT AS INSTALLED. THAT
MEANS NO CRACKS.

LAYOUT: THE TANK SHOULD BE LAID OUT AS SHOWN BELOW



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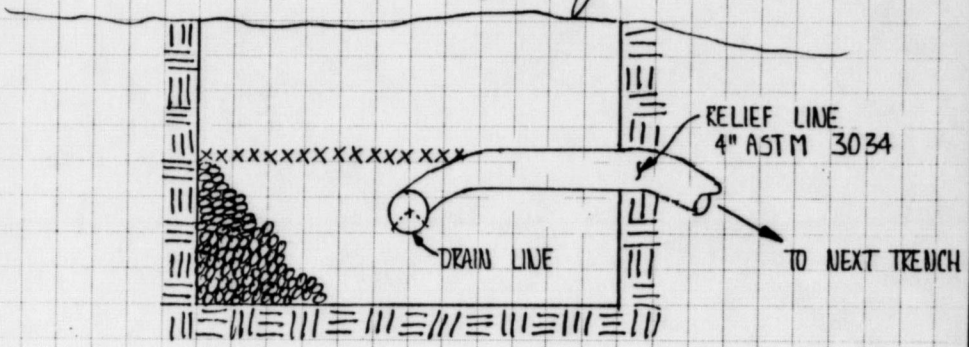
NORTHWEST SEPTIC
P. O. Box 1341
MT. VERNON, WASHINGTON 98273
(206) 336-6121
C.L. #NO-RT-HS-205LE

JOB HAMITER 85265
SHEET NO. 6 OF
CALCULATED BY DATE
CHECKED BY DATE
SCALE

SERIAL DISTRIBUTION DETAIL

A001

Rich Johnson



NOTES

- 1 BOTTOM OF RELIEF LINE TO BE HIGHER THAN TOP OF DRAIN LINE
- 2 INVERT OF RELIEF LINE MUST BE AT LEAST 4" LOWER THAN INVERT OF THE SEPTIC TANK OUTLET

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Phone (206) 336-9410

PERMIT # 779-85

FRANK HAMITER
Property Owner

630 SIEMILLER AVENUE
Address

DICK GUDMUNDSON
Designer

DICK GUDMUNDSON
Installer

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OCT 03 1985

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COMM. DEVELOP. DIV.

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Date NOV 2, 85 Signature Dick Gudmundson

Reviewed by _____ Date _____

Remarks _____

PLEASE USE OTHER SIDE OF THIS PAGE FOR AS-BUILT SKETCH

PROPOSED
4BDRM
HOME

1000 GAL
SEPTIC TANK



220' 4" TIGHTLINE

DRIVEWAY

POND

110'

97'

10'

66.7'

105'

130'

WELL

RECEIVED

OCT 03 1985

COMM. DEVELOP. DIV.

PL

