

October 5, 1981

Gerard Cusson  
PO Box 437  
Gardiner, ME 04945

Subject: Replacement System Variance for Holding Tank installation, Cusson property, Camp Road off Cross Hill Road, Dam Pond, Augusta

Dear Sir:

This is to acknowledge receipt of the following items:

A completed HME-200 Form signed by David Rocque, S.E., a completed HME-215 Form signed by Gerard Cusson, property owner; David Rocque, S.E.; and Richard Baker, LPI; a holding tank pumper agreement/contract form and supplementary information.

Holding tanks are permitted for the following installations:

- [1] The Holding Tank is replacing a malfunctioning system or nonlicensed wastewater discharge when no reasonable alternative is available;
- [2] The Holding Tank is to be used by an industrial or commercial establishment;
- [3] The Holding Tank is to be for temporary use to service a residential dwelling with availability to a public sewer within two years. A letter from the Sanitary District must accompany the Application indicating the date of the sewer's completion and that the public sewer will serve the property under consideration;
- [4] Holding Tanks shall not be considered permitted to serve new construction of residential dwellings, whether seasonal or year-round, except as specified in 17.B.5.

Please be advised that this Division considers the use of holding tanks by themselves as a last resort as a disposal system due to the very high cost of pumping the tank contents, and the problems of disposing of the wastes once removed from the holding tank.

In consideration of the material submitted to this office, we approve of the following installation with conditions as stated:

1. The installation of a <sup>000</sup>~~1500~~ gallon holding tank with suitable float alarm.
2. The existing seasonal cottage is to be used only as a seasonal cottage and shall not be converted to year-round use without prior approval of the Division of Health Engineering.

Cusson, Gerard

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3. Flow reducing valves, and low volume flush toilets are to be installed and maintained. Installation of low water use toilets must be done strictly according to manufacturers requirements.
4. The existing sink drain shall be discontinued and waste from the sink drain shall discharge to the holding tank.
5. Showers and bath shall not be installed without prior approval of the Division of Health Engineering.

Final approval is subject to permit by the Local Plumbing Inspector before the construction of this system. The Inspector is to be notified before covering the work, and the work is to be left uncovered until his inspection. He shall be supplied with copies of approved plans for his reference at inspection. Approval is also subject to any local ordinances and state laws.

Very truly yours,



David P. Breau  
Plans & Standards Review  
Division of Health Engineering

DPB/lh  
cc: David Rocque, SE  
Richard Baker, LPI

# HOLDING TANK PUMPER AGREEMENT PROPERTY OWNER STATEMENT

Department Human Services  
Division of Health Engineering  
Station #10, State House  
Augusta, ME 04333

## HOLDING TANK PUMPER

### General Information

Name of Business Daniels Septic Tank Service Telephone 623-1038  
Business Address Lynn Rd. Augusta, Maine  
Maximum Capacity of tank truck 2,300 gallons  
Wastes can be pumped and disposed of:  all year round  
(check one)  limited to \_\_\_\_\_ to \_\_\_\_\_  
Month Month

Wastes will be disposed of at the following Department of Environmental Protection licensed site(s).  
Location of site(s): Augusta Sanitary District  
or facility Augusta, Maine

### Agreement

Richard Daniel, while under contract, will be responsible for the pumping and maintenance of the  
Pumper owner  
holding tank on the property of Harold, located at Lynn Pond  
Property owner  
Cross Hill Rd. Augusta Maine  
Property's Address

on the  year round,  seasonal basis

### Pumper/Property Owner Contract

Richard Daniel, agree to pump and maintain the holding tank for Harold, located at  
Pumper owner Property owner  
Lynn Pond, Cross Hill Rd. Augusta, Me.  
Property Address

for the contract period of 9 81 to 9 82 with a new contract contingent upon the following

factor's list (dumping site accessibility, costs, etc.)

- Augusta Sanitary District
- Waste pumped Winter + Summer
- \$45 approx.

### New Agreement/Contract Form

A copy shall be completed at the expiration of this contract and forwarded to the Department for its records. If this is not received by the Department, the Department's original Approval becomes null and void and therefore, a violation of the Rules.

Property Owner's Signature Harold R. Casson Date \_\_\_\_\_  
Pumper Proprieter's Signature Richard J. Daniels Date 6-22-81

**PROPERTY OWNER**

I, Gerard A. Cusson am the owner of property (Camp) located at  
Dam Pond Augusta Maine  
(street) (town)

This facility  was constructed  
 was subdivided on or before \_\_\_\_\_  
 is proposed

The usage of this facility  has been;  will be: for two people

year round

since \_\_\_\_\_ (date).

(Example: three bedroom summer camp serving a family of five for three weeks in summer and 12 weekends during the rest of the year.)

Proposed method of disposal is: Holding tank  
(The private wastewater disposal system described on the attached Application.)

I recognize that any approval the Division may give will be limited to the usage described above and may be enforced by requiring a covenant of the Deed.

Space for Notary Seal & Signature Below

Owner's Name - Printed GERARD A. CUSSON

Address P.O. Box 437  
Gardiner, Maine

Signature: Gerard A. Cusson

Date: Sept 22, 1981

# NEW SYSTEM VARIANCE REQUEST

This form shall accompany an Application for a proposed new system which requires a Variance to certain provisions of the Subsurface Wastewater Disposal Rules.

## GENERAL INFORMATION

Town of Augusta

Town Code  1  0  2  0 Permit No.  4  4  9  9  8 E P Date Permit Issued 10-9-81  
month/day/yr.

Property Owner's Name: Gerard Cusson Tel. No. 623-1531

System's Location: Camp road off Cross Hill Road  
street

Augusta MAINE 04330  
town state zip

Property Owner's Address (if different from above): Same  
street

town state zip

## VARIANCE CONDITIONS

1. The Department has the authority to vary the requirements of the Rules in accordance with 10-144A CMR 241.16 of the Rules if all the following criteria are satisfied:
  - a. The variance request has the approval of the LPI.
  - b. The variance request has received written endorsement from the elected municipal officers.
  - c. The variance request demonstrates that there is no practical alternative for wastewater disposal, such as access to public sewer or the potential for an easement.
  - d. The proposed system does not conflict with Seasonal Conversion (Section 5.B.2a) or Shoreland Zoning.
  - e. The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
  - f. The property owner has indicated an awareness of the variance and any limitations or added costs the proposed system may require.
2. The Local Plumbing Inspector shall not issue a Permit for the installation of a subsurface wastewater disposal system until written approval has been received from the Department.
3. A check or money order to cover the review fee shall accompany this request form.

## SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator)

Section of Code

1. Not enough room to install leach field on good soils  6.  2  2
2. Where setback distances allow ledge is exposed  6.  3  3
3.   .

If Variance requested is for Sec. 6.B.3 Suitable Soil Conditions, fill in table below.

SOIL, SITE, AND OTHER FACTORS FOR ASSESSING NEW SYSTEM VARIANCE POTENTIAL (SEE TABLE 16-1)	FILL BOX BELOW WITH APPROPRIATE INFORMATION REQUIRED	RELATIVE POTENTIAL (pts)			
		HIGH	MODERATE	LOW	NOT RECOMMENDED
SOIL PROFILE (FROM TABLE 6-1)	<u>2A</u>				
DEPTH TO SEASONAL GROUND WATER TABLE					
SLOPE AT SITE OF DISPOSAL AREA	<u>6% - 15%</u>				
SIZE OF PROPERTY	<u>11,594 sq'</u>				
WASTEWATER TO BE TREATED - GAL./DAY	<u>Less than 1,000 gal./day</u>				
SYSTEM DESIGN CRITERIA	<u>Min.</u>				
WATER SUPPLY	<u>Pond</u>				
ZONING AND LAND USE	<u>Shore land</u>				

### LOCAL PLUMBING INSPECTOR:

The Local Plumbing Inspector shall review all New System Variance requests prior to submission to the Division of Health Engineering. The LPI shall indicate the municipality's position in regards to the variance request. The LPI shall also inform the Division of Health Engineering of any facts relative to the variance request not specifically noted by the property owner or the site evaluator.

The proposed system ( does  does not) conflict with any Municipal or Shoreland Zoning ordinances, and has been shown to the Code Enforcement Officer.

### CONCLUSIONS:

I, Richard P. Baber, the undersigned, have visited the above property and find that it is not possible to conform to certain provisions of the Rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property.

Therefore, I recommend the issuance of a permit for the system's installation as proposed on the HHE-200 Form.

Richard P. Baber  
Signature of L.P.I.

9-22-81  
Date

**STATEMENTS, JUSTIFICATIONS and RESPONSIBILITIES**

**PROPERTY OWNER:** The property owner shall provide accurate information to the Site Evaluator, the LPI, and the Department and elaborate below the reasons for requesting the variance(s). In addition, all the variance conditions listed on the front page must be documented.

*Due to the size of our lot, and no  
ground ledge. The only way we  
can do it is with a holding  
tank*

*(Attach additional sheets, if needed)*

I, Gerard Curson, am the  owner  prospective owner of the subject property. I understand that the installation illustrated on the HHE-200 Form is not in total compliance with the Rules. I have indicated my reasons for requesting the variance(s). Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Department of Human Services and make any corrections the Department finds necessary. By signing this variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Gerard Curson 9-21-81  
 Signature of Owner Date  
 Signature of Prospective Purchaser

**HAS REVIEW FEE BEEN ENCLOSED**

**SITE EVALUATOR:**

When an undeveloped property is found to be unsuitable for subsurface wastewater disposal by a Licensed Site Evaluator, the evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a Variance to the requirements of the Rules, and the evaluator in his professional opinion feels the variance request is justified and that the site limitations can be overcome, he shall document the soil and site conditions on an HHE-200 FORM. The evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department.

*This is for an established camp/home (25+ years) with  
present Out House. I feel due to lot size and  
configuration and presence of exposed ledge that  
this is the only feasible method of incorporating  
a flush toilet. There is a sink drain functioning  
properly and to be used in future. Holding tank only to  
be used in winter or at night in summer.*

*(Attach additional sheets, if needed)*

I, David P. Roque, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, I certify that the proposed system design on the HHE-200 form is the best alternative available, enhances the potential of the site for subsurface wastewater disposal, and that the system should function properly as per the justifications outlined on the application.

David P. Roque #154 Sept. 14, 1981  
 Signature of Site Evaluator Date

**MUNICIPAL OFFICER(S):**

We the undersigned Officer(s) are aware that the applicant is applying to the Division of Health Engineering for a variance to the Subsurface Wastewater Disposal Rules as indicated in the application and that the proposed system does not meet the requirements of the Rules. The proposed variance request  does  does not comply with all Town Zoning requirements and the Municipality  does  does not endorse the variance request. If endorsed, the Town accepts the responsibility for any required enforcement of the Rules should the system malfunction.

Stanley H. Pratt 9/22/81  
 Municipal Officer's Signature Date  
John C. Quinn 9-22-81  
 Municipal Officer's Signature Date  
Fredrick L. Savage 9-22-81  
 Municipal Officer's Signature Date

MAINE DEPARTMENT OF HUMAN SERVICES APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT		This is NOT a permit; this form when completed must be presented to the Local Plumbing Inspector to obtain a permit.		Page 1 of 2
Town <b>AUGUSTA</b>	Street, Road, etc. <b>CAMP Rd. off Cross Hill Road Dam Pond</b> If on water body, give name	Plumbing Permit No. <b>44998EP</b>	Date of Plumbing Permit <b>10-9-81</b>	
Owner of property <b>Gerard Cusson Dam Pond Augusta</b>		Size of lot <b>11,593.75</b>	<input checked="" type="checkbox"/> Sq. feet <input type="checkbox"/> Acres	
Name & type of establishment if other than private home <b>Home</b>		Is lot Zoned? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Type of Zoning <input checked="" type="checkbox"/> Shoreland <input type="checkbox"/> Resource Protection	
Name of applicant Owner's agent <b>Gerard Cusson</b>		If you plan to use a previous subdivision approval in lieu of site investigation, please submit one of the following: <input type="checkbox"/> Deed restriction re. private sewage disposal <input type="checkbox"/> Copy of the subdivision's soils report <input type="checkbox"/> Soils report from a State Agency		
Applicant's address Street, Box, etc. <b>P.O. Box 437 Gardiner, Me.</b>		Zip Code <b>04345</b>	Subdivision name <b>N/A</b>	
Town <b>Augusta, Maine</b>	Applicant's signature <i>Gerard Cusson</i>	Date <b>9-15-81</b>	Lot No. <b>N/A</b>	

This application is for:  New System  Expanded System  Replacement System  Replacement of  Treatment Tank Only  Disposal Area Only

The water supply for this property is:  Dug well, depth \_\_\_\_\_, lining \_\_\_\_\_;  Drilled well, depth \_\_\_\_\_, lining \_\_\_\_\_;  Spring  Surface water  Body,  Course— with disinfection,  without disinfection.  Public Utility, name \_\_\_\_\_

**SITE INVESTIGATION** Show location of pits and/or borings on sketch on page 2, and refer to completed sample form and Chapter 4 of the Code. 11.

| Soil Profile No.   |
|--|--|--|--|--|
|  |  |  |  |  |
| Organic strata<br><b>HUMUS</b><br>Inches <b>2"-0"</b>                            | Organic strata<br>Inches   | Organic strata<br>Inches   | Organic strata<br>Inches   | Organic strata<br>Inches   |
| 1st strata<br><b>A1 leached grey sandy loam.</b><br>Inches <b>0"-1"</b>          | 1st strata<br>Inches   | 1st strata<br>Inches   | 1st strata<br>Inches   | 1st strata<br>Inches   |
| 2nd strata<br><b>Bright Brown sandy loam</b><br>Inches <b>1"-1.5"</b>            | 2nd strata<br>Inches   | 2nd strata<br>Inches   | 2nd strata<br>Inches   | 2nd strata<br>Inches   |
| 3rd strata<br><b>Ledge at 5'-6"</b><br>Inches                                    | 3rd strata<br>Inches   | 3rd strata<br>Inches   | 3rd strata<br>Inches   | 3rd strata<br>Inches   |
| Total Depth of observation hole Inches   |
Max. Ground water table—mottling <input type="checkbox"/> None Evident Inches	Max. Ground water table—mottling <input type="checkbox"/> None Evident Inches	Max. Ground water table—mottling <input type="checkbox"/> None Evident Inches	Max. Ground water table—mottling <input type="checkbox"/> None Evident Inches	Max. Ground water table—mottling <input type="checkbox"/> None Evident Inches
Impervious layer, clay, etc. <input type="checkbox"/> None Evident Inches	Impervious layer, clay, etc. <input type="checkbox"/> None Evident Inches	Impervious layer, clay, etc. <input type="checkbox"/> None Evident Inches	Impervious layer, clay, etc. <input type="checkbox"/> None Evident Inches	Impervious layer, clay, etc. <input type="checkbox"/> None Evident Inches
Bedrock <input checked="" type="checkbox"/> None Evident Type of Bedrock	Bedrock <input type="checkbox"/> None Evident Type of Bedrock	Bedrock <input type="checkbox"/> None Evident Type of Bedrock	Bedrock <input type="checkbox"/> None Evident Type of Bedrock	Bedrock <input type="checkbox"/> None Evident Type of Bedrock
Surface slope %				
Soil Group & Condition per Table 9-1 of the Code, 11 <b>2A</b>	Soil Group & Condition per Table 9-1 of the Code, 11	Soil Group & Condition per Table 9-1 of the Code, 11	Soil Group & Condition per Table 9-1 of the Code, 11	Soil Group & Condition per Table 9-1 of the Code, 11

On **August 9, 1981** (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the following type and size of private sewage disposal system. I also recommend the proposed private sewage disposal system layout and location shown on page 2.

Signature: **David P. Roque** Health Engineering License No. **#154**  
Date signed: **August 11, 1981**

**PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED** Show location of system and details on sketches on page 2, and refer to completed sample form

<b>SYSTEM:</b> <input type="checkbox"/> COMBINED SYSTEM <input checked="" type="checkbox"/> SEPARATED SYSTEM If separated system—type of human waste disposal system to be used: <input type="checkbox"/> Sealed Vault Privy <input type="checkbox"/> Open Pit Privy <input type="checkbox"/> Compost Toilet <input type="checkbox"/> Incinerator Toilet <input type="checkbox"/> Chemical Toilet <input checked="" type="checkbox"/> Other, describe <b>Holding Tank 1000</b> See Chapter 9 of the Code, 11.	<b>TREATMENT TANK:</b> <input type="checkbox"/> Septic Tank <input type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass <input type="checkbox"/> Metal Size in gallons <b>N/A</b> <input type="checkbox"/> Aerobic Tank Manufacturer— Model No. Size in gallons <b>N/A</b>	<b>SUBSURFACE ABSORPTION AREA</b>		<b>SITE MODIFICATION</b> Fill will be: <b>N/A</b> _____ in. uphill; _____ in. downhill
		Type <input type="checkbox"/> Trench System: Total trench length <b>N/A</b> <input type="checkbox"/> Bed System Length <b>N/A</b> Width _____ <input type="checkbox"/> Chamber System Number _____ <input type="checkbox"/> Type A _____ Single File <input type="checkbox"/> Type B _____ Cluster <input type="checkbox"/> Mound System Length _____ Width <b>N/A</b> at base <input type="checkbox"/> Special System Length _____ Width <b>N/A</b> <b>WAIVER</b> <input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	SIZE <input type="checkbox"/> Very Small <input type="checkbox"/> Small <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Medium Large <input type="checkbox"/> Large <input type="checkbox"/> Extra Large	<b>DETAILS</b> <input type="checkbox"/> A Distribution Box is required Pumping is— <input type="checkbox"/> required, <input type="checkbox"/> is not required. The Dose will be <b>N/A</b> gallons
		<b>DISTANCES</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: The proposed subsurface absorption area will be located at least 100 feet from any and all wells; springs; surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps; marshes; and bogs. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: The proposed subsurface absorption area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.		

PROPERTY/LOT LOCATION MAP 	<b>FOR THE USE OF LPI ONLY</b> <input type="checkbox"/> Denial: Application is denied for following reasons; portions of the Code 11 are cited. Form is incomplete (_____ pg.) as to <input type="checkbox"/> General Info, <input type="checkbox"/> Site Investigation, <input type="checkbox"/> System Proposed, <input type="checkbox"/> Site Plan, <input type="checkbox"/> Disposal System Plan, <input type="checkbox"/> Cross-Section, <input type="checkbox"/> Statement. See Section 2.3. <input type="checkbox"/> Site Investigation indicates site is <input type="checkbox"/> totally unsuitable for disposal system; Sections 4.5 and 9.5, Table 9-1 Group 9 and 10. <input type="checkbox"/> Unsuitable for system proposed; Sections 4.3, 4.6, 9.5, Table 9-1. <input type="checkbox"/> System Proposed does not conform to Code; See Sections 9. <input type="checkbox"/> Site Investigation indicates site modifications are necessary; See Sections <input type="checkbox"/> 4.3, <input type="checkbox"/> 4.4, <input type="checkbox"/> 4.5, <input type="checkbox"/> 8.7. <input type="checkbox"/> Miscellaneous _____ See Section _____ <input checked="" type="checkbox"/> Acceptance: Application for permit is approved with condition specified, comply with Section _____ <input type="checkbox"/> without condition.
	Location—roads, landmarks <b>South Belfast Ave.</b> Signed LPI <b>Richard P. Baber</b> Date <b>9-22-81</b> HHE-200 1/77

APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT  
(For systems disposing of less than 2000 gallons per day)

Town <b>Augusta</b>	Street, Road, etc. <b>Cross Hill Rd.</b> If on water body, give name <b>Dam Pond</b>	Owner of property <b>Gerard Cusson</b>
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Site Plan

Scale 1" = 100 Ft. or

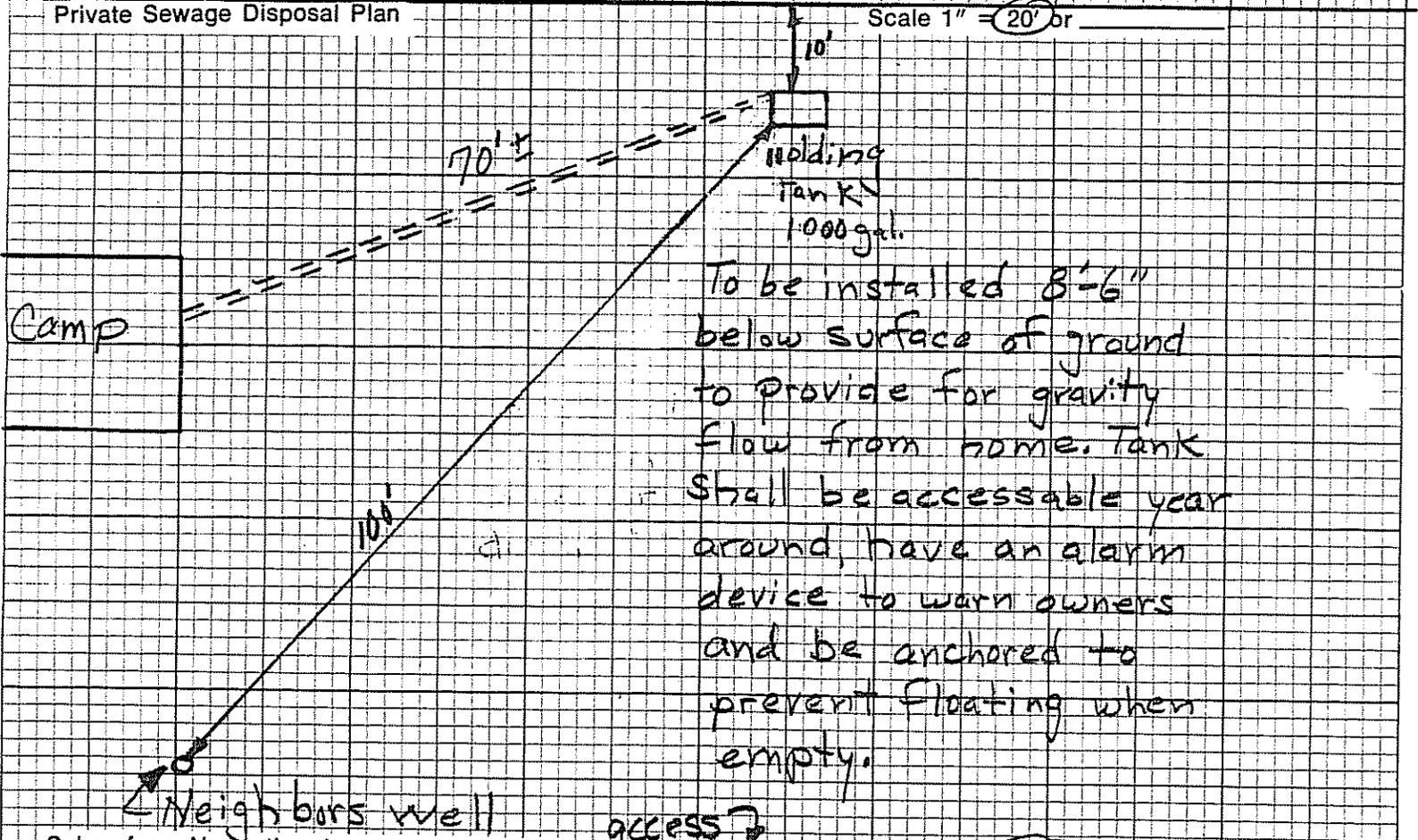
Home Owner will use Holding tank only for Flush. Have no shower or bath and none will be installed. Sink goes to seperate drain.

See Sheet # 3A

Note: Home Owner hopes to purchase land across road in future to use as leach field. Holding tank would be used as septic tank with wet well and pump to be installed.

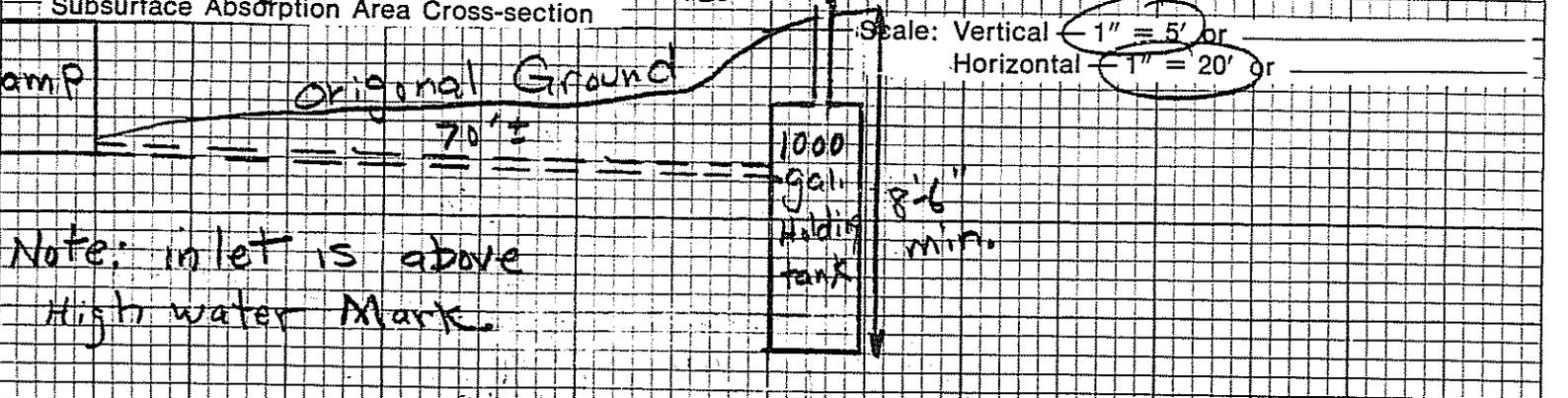
Private Sewage Disposal Plan

Scale 1" = 20' or

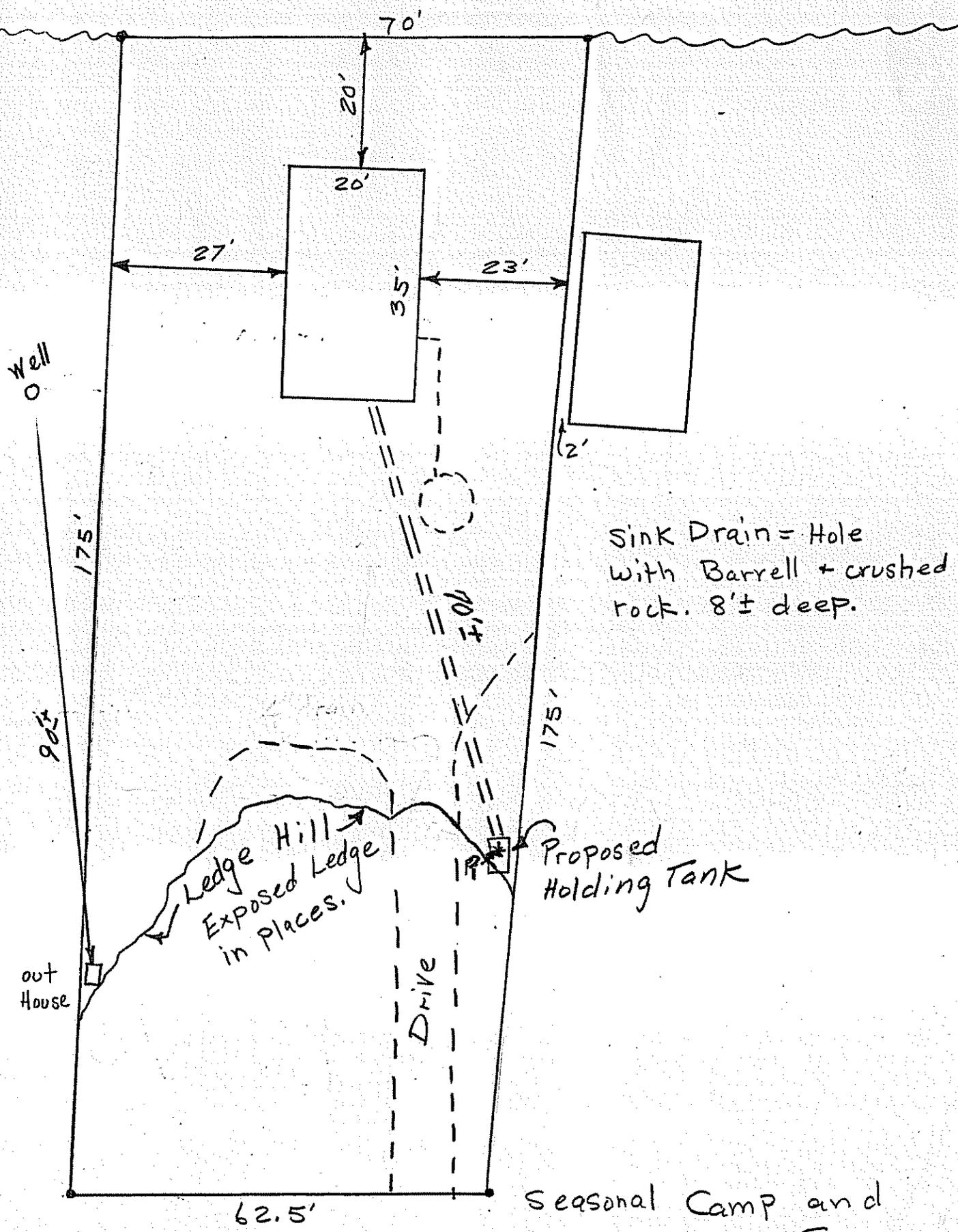


Subsurface Absorption Area Cross-section

Scale: Vertical 1" = 5' or  
Horizontal 1" = 20' or



# DAM Pond



Sink Drain = Hole  
with Barrell + crushed  
rock. 8'± deep.

Proposed  
Holding Tank

Ledge Hill  
Exposed Ledge  
in places.

Seasonal Camp and  
Property of  
Gerald Cusson  
Scale: 1" = 20'