Simard, Gerard

May 22, 1980

Mr. Gerard Simard
20 Western Avenue
Augusta, Maine 04330

Subject: Variance to the Maine Plumbing Code, Part II, Simard property, Route 9, Augusta

Dear Mr. Simard:

This is to acknowledge receipt of the following items:

A completed HHE-200 Form by William Rideout, SE.; a completed HHE-215 Form signed by Gerard Simard, property owner; William Rideout, SE., and Richard Baker, LPI. The above is accepted as a complete application for variance to the Maine Plumbing Code, Part II. A new subsurface disposal system cannot be installed on the subject property in full compliance with the Maine Plumbing Code, Part II, because of the installation of a 65'x20' bed system on category 9D soils with mottling at 12 inches and an impervious layer at 17 inches, the reasons for the variance request.

Due to the small size of the lot and the depth to seasonal high water table, this office has serious reservations about recommending approval but will recommend approval provided low volume fixtures and a low volume toilet are installed and the system is increased from 65'x20' to 75'x20'.

In consideration of the HHE-200 Form dated May 4, 1980, along with the recommendations and justifications noted on the HHE-215 Form, this office hereby grants the responsible local plumbing inspector the authority to waive certain provisions of the Maine Plumbing Code, Part II, for the following new disposal system under the authority of Section 3.6 of the Code.

The installation of a 1000 gallon septic tank followed by a 75'x20'.

At least 24 inches and 38 inches of fill shall be applied on the uphill and downhill sides of the disposal field, respectively. The fill shall be of a texture similar to the original soil and will provide a 12 inch separation between the bottom of the disposal bed and the seasonal high water table and impervious layer. The fill must be extended in all directions as required by Chapter 9 of the Maine Plumbing Code, Part II.

In all other respects the installation is to comply with the Maine Plumbing Code, Part II, Private Sewage Disposal Regulations and follow the plan submitted with this proposal.

Please be advised that this approval is in no way to be construed as a guarantee of the system's performance. You are reminded that the correction of any future nuisance conditions is the responsibility of the property owner.

Final approval of the sewage portion is subject to permit by the Local Plumbing Inspector before the construction of this system. A completed HHE-200 Form must be submitted to him for processing. 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: William Rideout, SE
Richard Baker, LPI

Original to be sent to Division of Health Engineering, Augusta, Maine 04333 by the LPI

This Application Is For: (X) New System (X) Expanded System ( ) Conversion Permit ( ) Experimental System ( ) Replacement Of Entire System ( ) Disposal Area Only

An Application For Subsurface Wastewater Disposal Permit

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

Town	Street, Road, Etc. / If On Water Body, Give Name	Plumbing Permit No.	Date Of Plumbing Permit
AUGUSTA	RT 9	23020 EP	6-2-80

Owner Of Property	Tel. No.	Name Of Applicant / Owner's Agent	Tel. No.
GERARD SINARD	623 4853		

Street	Street
20 WESTERN AVE	

Town	State	Zip Code	Town	State	Zip Code
AUGUSTA	MAINE	04330			

Owner's Signature	Date	Applicants Signature	Date
X [signature]	8-2-80		

Size Of Lot	Is Lot Zoned?	Type Of Zoning	Subdivision Name	Lot No.
30000± (X) Sq. Feet ( ) Acres	( ) Yes (X) No			

The Water Supply For This Property Is: ( ) Dug Well, depth ____; ( ) Drilled Well, depth ____; ( ) Spring, depth ____;
Surface water ( ) Body ( ) Course—( ) with disinfection, ( ) without disinfection. Public Utility, name ____

SITE INVESTIGATION

Show Location Of Pits on Site Plan on Page 2

	Soil Profile No. (X) Pit (X) Boring	Soil Profile No. ( ) Pit ( ) Boring	Soil Profile No. ( ) Pit ( ) Boring	Soil Profile No. ( ) Pit ( ) Boring
Thickness and Description of Strata encountered: Organic Strata	+1"			
1st Strata	12 Inches B. SILT LOAM	Inches	Inches	Inches
2nd Strata	4 Inches MOTTLED SILT LOAM	Inches	Inches	Inches
3rd Strata	20 Inches G.B. C/S	Inches	Inches	Inches
4th Strata	Inches	Inches	Inches	Inches
Depth from bottom of organic horizon to: Total Depth of Observation Hole Inches	36			
Max. Seasonal Water Table Mottling	12 Inches ( ) None Evident	Inches ( ) None Evident	Inches ( ) None Evident	Inches ( ) None Evident
Impervious Layer Clay, Etc.	17 Inches ( ) None Evident	Inches ( ) None Evident	Inches ( ) None Evident	Inches ( ) None Evident
Bedrock	Inches (X) None Evident Type of Bedrock	Inches ( ) None Evident Type of Bedrock	Inches ( ) None Evident Type of Bedrock	Inches ( ) None Evident Type of Bedrock
Surface Slope	17 %	%	%	%
Soil Group / Soil Condition	9 / D (Per Table 9-1 Code II)	(Per Table 9-1 Code II)	(Per Table 9-1 Code II)	(Per Table 9-1 Code II)

On 5/3/80 (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 [signature] Site Evaluator License Number 51

Date Signed 5/4/80

DISPOSAL SYSTEM PROPOSED

Show Location of System and Details on Disposal Plan on Page 2

SYSTEM:
(X) Combined System
( ) Separated System
If separated system—type of human waste disposal system to be used:
( ) Sealed Vault Privy
( ) Open Pit Privy
( ) Compost Toilet
( ) Chemical Toilet
( ) Incinerator Toilet

TREATMENT TANK
( ) Aerobic Tank
(X) Septic Tank
(X) Concrete
(X) Fiberglass
( ) Metal
Size in Gallons 1000 Gal.
Number of Bedrooms 3 OR Less

SUBSURFACE ABSORPTION AREA/TYPE
(X) Bed System No. of Beds ____ Length 65 ft Width 20 ft
( ) Chamber System Number ____
( ) Type A ( ) Single File
( ) Type B ( ) Cluster
( ) Special System Length ____ ft Width ____ ft
( ) Laundry System Type A ____ No. of Chambers: Type B ____
Name and type of establishment if other than private home

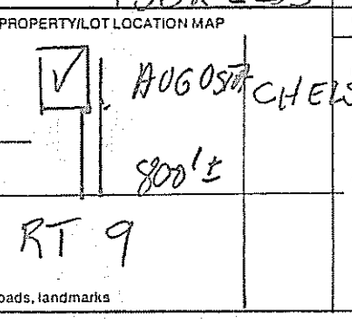
SIZE
( ) Small
( ) Medium
( ) Med.-Large
( ) Large
(X) Extra-Large
Design Flow 264 GPD

SITE MODIFICATION
Fill will be: 24 in. uphill 38± in. downhill

DETAILS
( ) A Distribution Box is required
Pumping is—( ) required (X) is not required
The dose will be ____ Gallons

DISTANCES
(X) Yes ( ) 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.
(X) Yes ( ) 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



Location—roads, landmarks

WAIVER ( ) State Variance Required ( ) Replacement Variance Required ( ) None Required

FOR THE USE OF LPI ONLY
( ) Denial: Application is denied for the following reasons; portions of the Code II are cited.
( ) Form is incomplete (____ pg.) as to ( ) General info., ( ) Site Investigation, ( ) System Proposed, ( ) Site Plan, ( ) Disposal System Plan, ( ) Cross-Section, ( ) Statement. See section 4.1
( ) Site Investigation indicates site is ( ) unsuitable for disposal system. ( ) Unsuitable for system proposed.
( ) System Proposed does not conform to Code ____
( ) Site Investigation indicates site modifications are necessary.
(X) Acceptance: Application for permit is approved (X) with condition specified, comply with Section 3-6 ( ) without condition.

STATE VARIANCE APPROVED BY STATE 5-22-80

Signed LPI [signature] Date 8-2-80 HHE-200 1/78

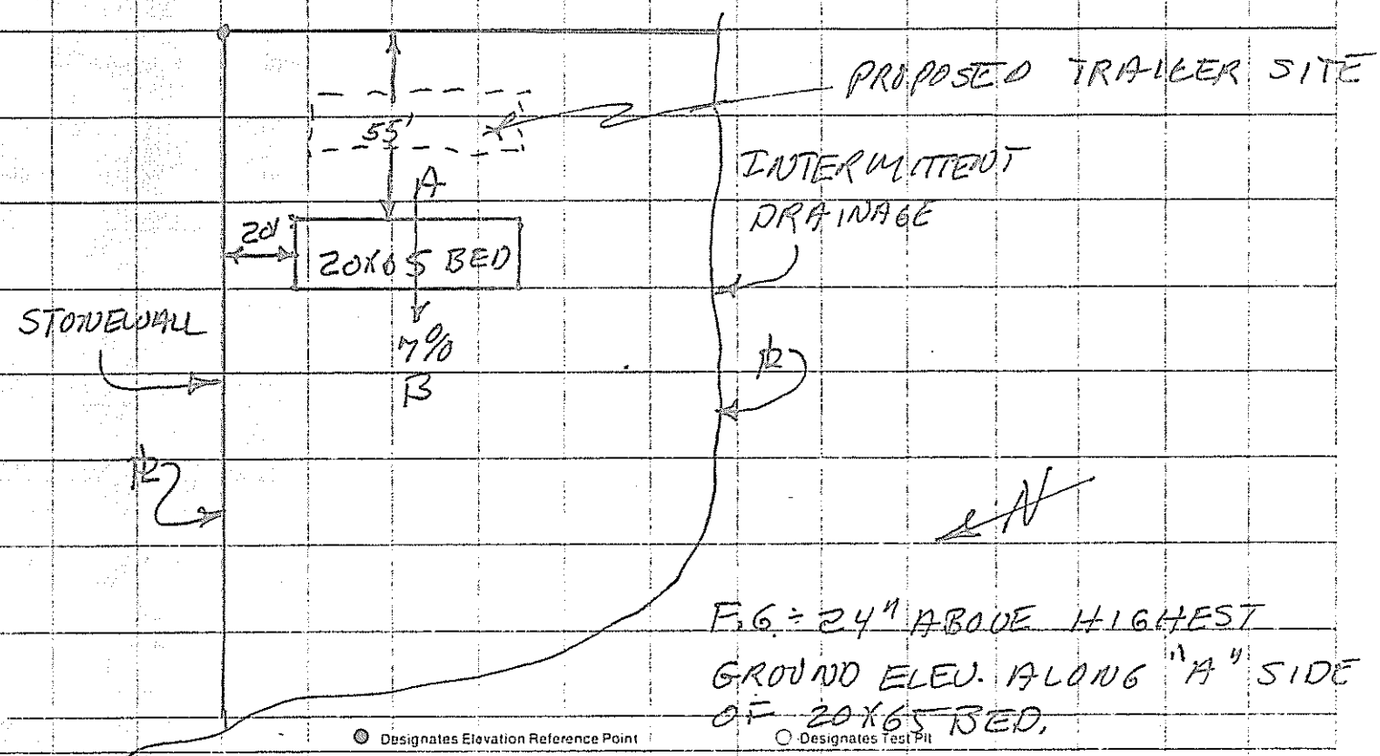
APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

(For systems disposing of less than 2000 gallons per day)

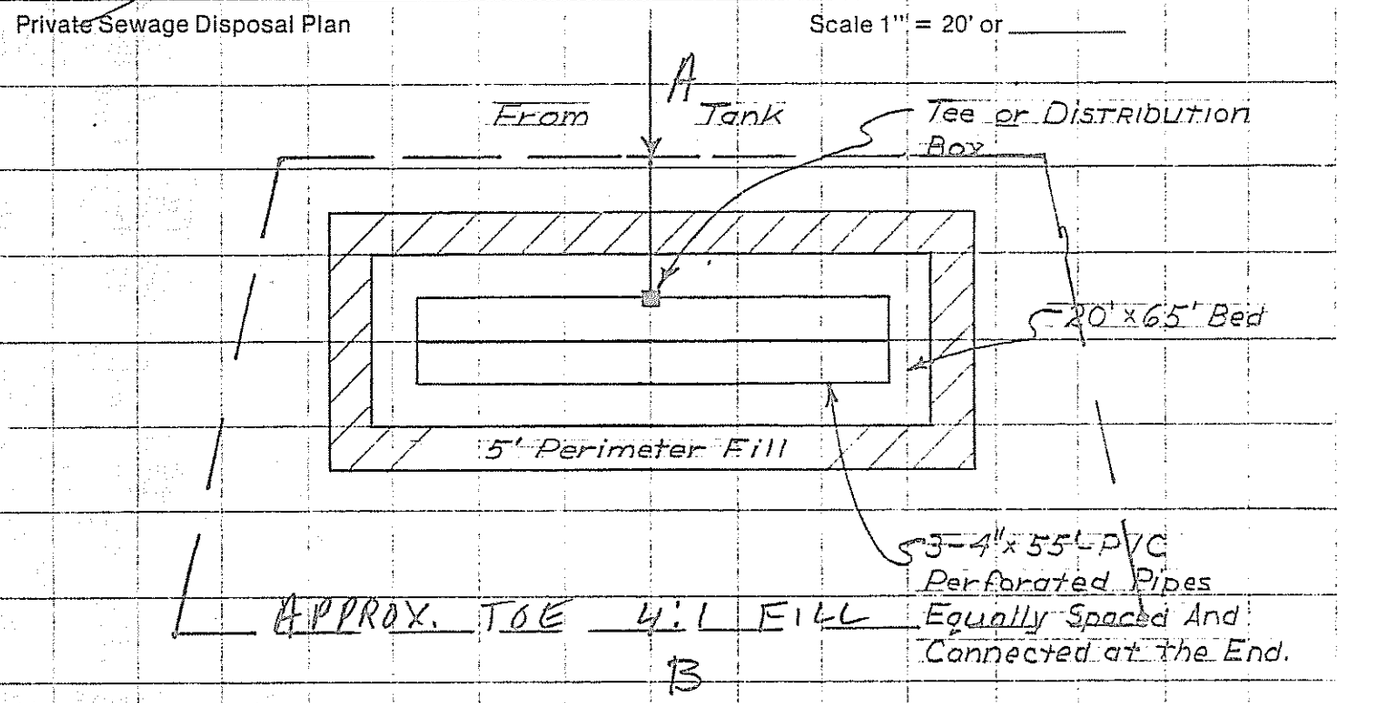
Town | Street, Road, etc. | Owner of Property

If on water body, give name

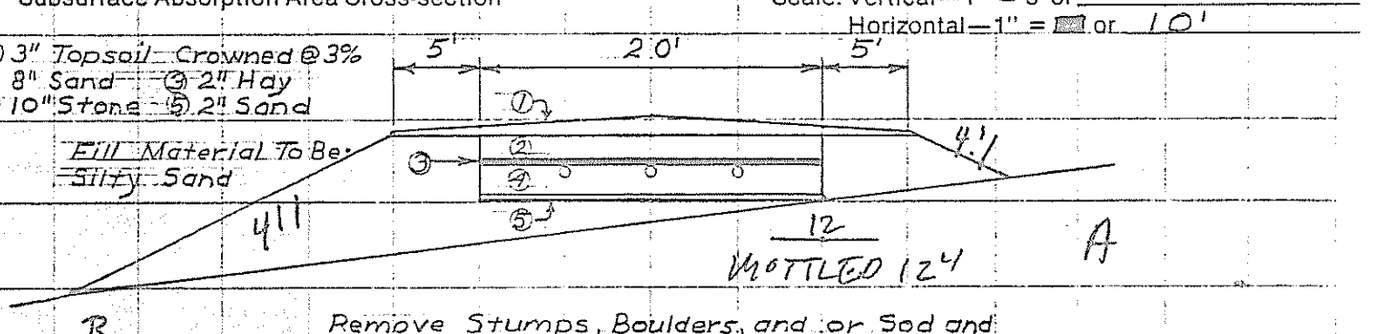
Site Plan — Scale 1" = 50' ft.



Private Sewage Disposal Plan — Scale 1" = 20' or _____



Subsurface Absorption Area Cross-section — Scale: Vertical—1" = 5' or _____ Horizontal—1" = ▩ or 10'



Remove Stumps, Boulders, and/or Sod and Scarify Surface Before Fill Is Placed.

Site Evaluators Signature: [signature] Date: 5/4/80 License Number: 51

HHE-200 1/78

Statement: (no permit may be issued unless signed)

I certify that all the information submitted to be true and correct; and I understand that issuance of a permit is based upon the information and plans submitted by the applicant. I also understand that any falsification of this application is reason to deny a permit to install a private sewage disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I understand that no guarantee is intended or implied by reason of any advice or approval given by the Administrative Authority or its agent.

Signature Required

Date: 6-2-80

Applicant: _____

Owner: [signature]