

AUG 22 1984

Department of Human Services
Division of Health Engineering
(207) 289-3826

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: AUGUSTA

Street Subdivision Lot #: OLD BELGRADE ROAD

PROPERTY OWNERS NAME

Last: CHRISMAN First: JOSEPH M.

Applicant Name:

Mailing Address of Owner/Applicant (If Different): RT. 3 Box 920 AUGUSTA, ME.

M5 L10 600-9666

AUGUSTA PERMIT # 294 TOWN COPY

Date Permit Issued: 8/13/84 FEE: \$1400 If Double Fee Charged

Robert St Pierre L.P.I. # 1667

Local Plumbing Inspector Signature

THE MAINE SUBSURFACE WASTEWATER DISPOSAL RULES.

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Joseph M. Chrisman 8-3-84

Signature of Owner/Applicant Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Robert St Pierre 8/21/84

Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- SEASONAL CONVERSION
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE REQUIRED
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
- Requires only Local Plumbing Inspector Approval
- Requires both State and Local Plumbing Inspector Approval

INSTALLATION IS COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM (Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
Drilled Proposed

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS: N/A

- BED
- CHAMBER
- TRENCH
- OTHER: _____

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____ SPECIFY _____

SIZE OF PROPERTY: 4 1/2 Ac. ZONING: Reside

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED (DEPENDS ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

2 BEDROOMS

MIN. PER CODE: 180 G.P.D.

DESIGN FLOW: 180 G.P.D. (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>5</u>	<u>C</u>

DEPTH TO LIMITING FACTOR: 24

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

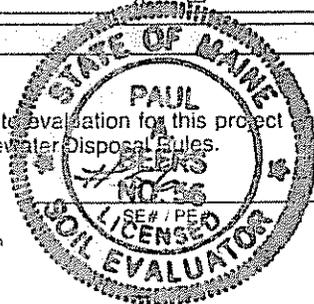
- BED 600 Sq. Ft.
- CHAMBER _____ Sq. Ft.
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 7/31/84 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system proposed is in accordance with the Subsurface Wastewater Disposal Rules.

Paul C. Sears

Site Evaluator or Professional Engineer's Signature



7/31/84

Date

* Local Plumbing Inspector Signature if a Local Site Evaluation Waiver under a Local Option

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. A check or money order for \$20.00 payable to the Treasurer of the State shall accompany this request form.

The Local Plumbing Inspector shall not issue a Permit for the installation of a subsurface wastewater disposal system until approval has been received from the Department.

GENERAL INFORMATION

Town of Augusta

Property Owner's Name: Joseph M Chrissman

System's Location: old Belgrade Rd
street

Property Owner's Address RT 3 Box 920
street

Augusta ME 04330
town state zip

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with 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, Shoreland Zoning or Resource Protection.
- 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.

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

Section of Code

1. INSTALL SYSTEM W/14" SEPARATION BETWEEN 11.C.2a
2. BED + SEASONAL GWT ON SC SOILS
3. _____

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

SOIL, SITE AND ENGINEERING FACTORS FOR ASSESSING NEW SYSTEM VARIANCE POTENTIAL

(SEE TABLE 16-1)

	CHARACTERISTIC	POINT ASSESSMENT
SOIL PROFILE	<u>SC</u>	<u>5</u>
DEPTH TO GROUNDWATER	<u>2.4"</u>	<u>20</u>
SIZE OF PROPERTY	<u>4AC</u>	<u>8</u>
TERRAIN	<u>SS</u>	<u>3</u>
WATERBODY SETBACK	<u>150'-249'</u>	<u>3</u>
WATER SUPPLY	<u>Drilled</u>	<u>3</u>
TYPE OF DEVELOPMENT	<u>SF</u>	<u>0</u>
DESIGN FLOW	<u>MFW</u>	<u>0</u>
SEPARATION DISTANCE	<u>7 MFW</u>	<u>0</u>
ADDITIONAL TREATMENT		<u>12 PTS</u>
TOTAL POINT ASSESSMENT		<u>42 PTS</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, Robert B Steward, 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 application.

Robert B Steward

Signature of L.P.I.

8/20/84

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).

(Attach additional sheets, if needed)

I, _____, am the owner prospective owner of the subject property. I understand that the installation illustrated on the Application 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 parties from liability and 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.

Joseph M. Christman
 Signature of Owner
 Signature of Prospective Purchaser

8-21-84
Date

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 the Application. 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.

*VARIANCE REQUIRED DUE TO IMPROPER INSTALLATION
 UNDERSIGNED ASSUMES NO RESPONSIBILITY FOR
 PROPER FUNCTION*

(Attach additional sheets, if needed)

I, *PAUL A. BEERS*, 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 judgement, I certify that the proposed system design on the attached Application is the best alternative available, enhances the potential of the site for subsurface wastewater disposal, and that the system should function properly.

Paul A. Beers
Signature of Site Evaluator

8/21/84
Date

MUNICIPAL OFFICER(S): (Selectman, Councilman, Alderman, Mayor, Town Manager)

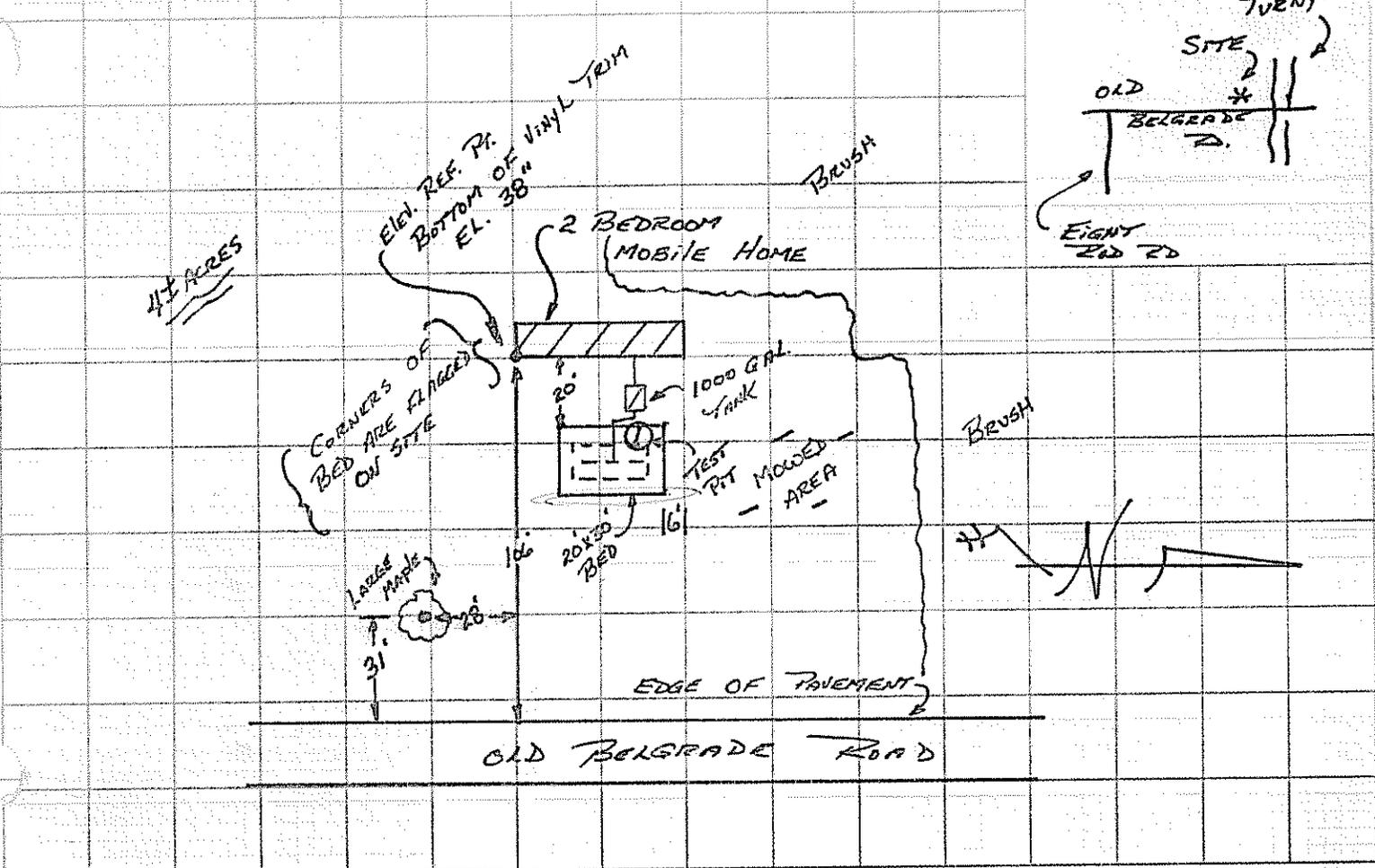
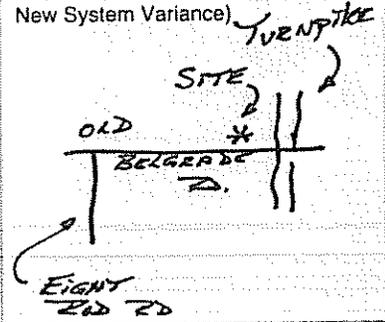
We the undersigned Officer(s) are aware that the applicant is applying to the Division of Health Engineering for a variance to the Subsurface Wastewater Disposal Rules as indicated in the application and that the proposed system does not meet the requirements of the Rules. The proposed variance request 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.

<i>Robert A. ...</i> Municipal Officer's Signature	_____	_____
Officer Title	_____	Date
<i>Alden L. Ingraham</i> Municipal Officer's Signature	_____	_____
Officer Title	_____	Date
<i>William A. ...</i> Municipal Officer's Signature	_____	_____
Officer Title	_____	Date

SITE PLAN

Scale 1" = 50 Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole 1 Test Pit Boring

1" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM FILL		Brown	
6	U. FINE SANDY LOAM	Friable	DK. BROWN	
10	LOAM		OLIVE BROWN	COMMON
15	VERY FINE SAND		OLIVE GRAY	DISTINCT @ 24"
20				
30				
40				
50				

Soil S Classification C Slope 5 % Limiting Factor 24" Ground Water Restrictive Layer Bedrock

Observation Hole Test Pit Boring

 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

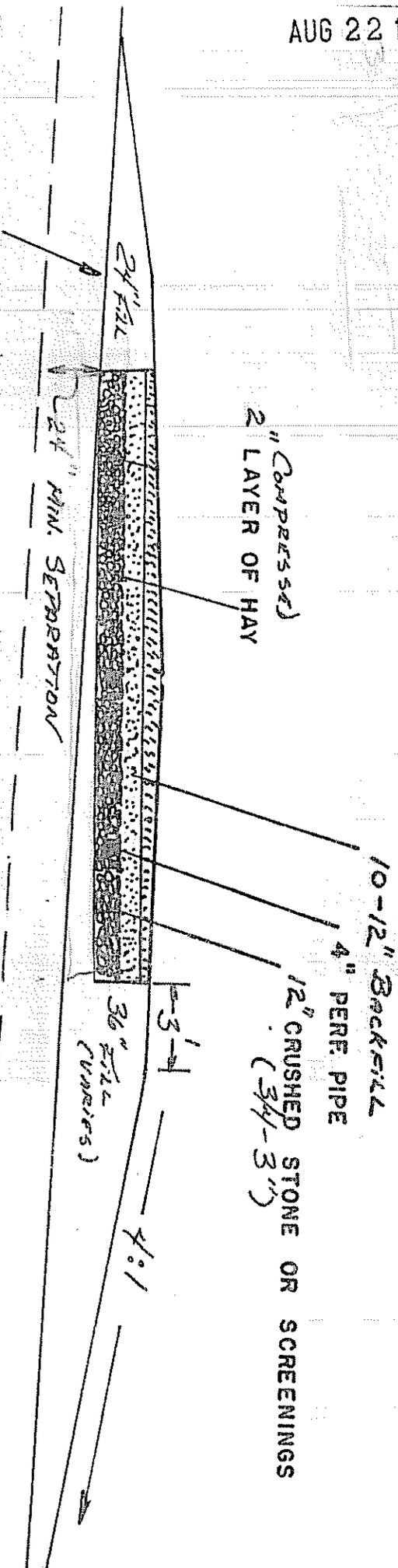
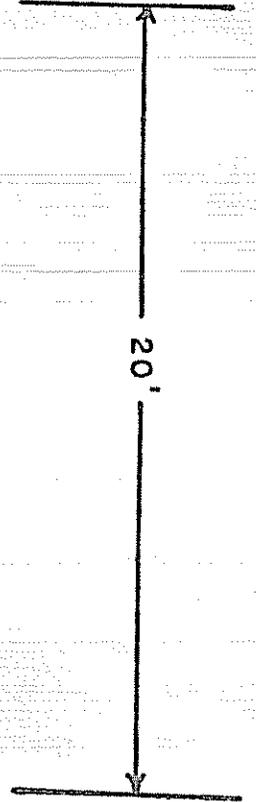
Soil Classification Slope % Limiting Factor " Ground Water Restrictive Layer Bedrock

Paul C. Beers
Site Evaluator or Professional Engineer's Signature

#56
SE# / PE#

7/31/84
Date

AUG 22 1984



EXISTING ORIGINAL SOIL SURFACE

% SLOPE 5%

DIRECTION

OF SLOPE

PAUL A. BEERS SOILS CONSULTANT	
DATE <u>7/31/84</u>	DRAWN BY <u>Beers</u>
SCALE <u>1"=5'</u>	REVISED
APPROVED BY	
CROSS SECTION = BED SYSTEM	
NAME <u>JOSEPH W. CHRISTMAN</u>	DRAWING NUMBER
TOWN <u>PLUG USTIA</u>	ATTACHMENT
	TO: HHS 200