

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

**PROPERTY ADDRESS**

Town Or Plantation: AUGUSTA

Street Subdivision Lot #: EIGHTY ROD ROAD

**PROPERTY OWNERS NAME**

Last: DOSTIE BROS. First: \_\_\_\_\_

Applicant Name: \_\_\_\_\_

Mailing Address of Owner/Applicant (If Different): RFD #3 Box 899 AUGUSTA, ME. 04330

6-11?

AUGUSTA CELESTY PERMIT # 739 TOWN COPY   Double Fee Charged

Date Permit Issued: 6-5-86 FEE: \$1800.00

Local Plumbing Inspector Signature: [Signature] L.P.I. #: 1808

**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.

Signature of Owner/Applicant: [Signature] Date: 6/9/86

**Caution: Inspection Required**

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

Local Plumbing Inspector Signature: [Signature] Date Approved: 6/22/86

**PERMIT INFORMATION**

<p><b>THIS APPLICATION IS FOR:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NEW SYSTEM</li> <li><input type="checkbox"/> REPLACEMENT SYSTEM</li> <li><input type="checkbox"/> EXPANDED SYSTEM</li> <li><input type="checkbox"/> SEASONAL CONVERSION</li> <li><input type="checkbox"/> EXPERIMENTAL SYSTEM</li> </ol>	<p><b>THIS APPLICATION REQUIRES:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> NO RULE VARIANCE REQUIRED</li> <li><input checked="" type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form</li> <li><input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form</li> <li><input type="checkbox"/> Requires only Local Plumbing Inspector Approval</li> <li><input type="checkbox"/> Requires both State and Local Plumbing Inspector Approval</li> </ol>	<p><b>INSTALLATION IS COMPLETE SYSTEM</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NON-ENGINEERED SYSTEM</li> <li><input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet)</li> <li><input type="checkbox"/> ENGINEERED (+ 2000 gpd)</li> </ol> <p><b>INDIVIDUALLY INSTALLED COMPONENTS:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> TREATMENT TANK (ONLY)</li> <li><input type="checkbox"/> HOLDING TANK</li> <li><input type="checkbox"/> ALTERNATIVE TOILET (ONLY)</li> <li><input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY)</li> <li><input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY)</li> <li><input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</li> </ol>
<p><b>IF REPLACEMENT SYSTEM:</b></p> <p>YEAR FAILING SYSTEM INSTALLED _____</p> <p>THE FAILING SYSTEM IS:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> BED</li> <li><input type="checkbox"/> CHAMBER</li> <li><input type="checkbox"/> TRENCH</li> <li><input type="checkbox"/> OTHER: _____</li> </ol> <p>W/A</p>	<p><b>DISPOSAL SYSTEM TO SERVE:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> SINGLE FAMILY DWELLING</li> <li><input type="checkbox"/> MODULAR OR MOBILE HOME</li> <li><input type="checkbox"/> MULTIPLE FAMILY DWELLING</li> <li><input type="checkbox"/> OTHER _____ SPECIFY _____</li> </ol>	<p><b>TYPE OF WATER SUPPLY</b></p> <p><u>Drilled Well Proposed</u></p>
<p><b>SIZE OF PROPERTY</b></p> <p><u>1.5+ Ac.</u></p>	<p><b>ZONING</b></p> <p><u>RES.</u></p>	

**DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)**

<p><b>TREATMENT TANK</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> SEPTIC: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Low Profile</li> <li><input type="checkbox"/> AEROBIC</li> </ol> <p>SIZE: <u>1000</u> GALS.</p>	<p><b>WATER CONSERVATION</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> NONE</li> <li><input checked="" type="checkbox"/> LOW VOLUME TOILET</li> <li><input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</li> <li><input type="checkbox"/> ALTERNATIVE TOILET</li> </ol> <p>SPECIFY: _____</p>	<p><b>PUMPING</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOT REQUIRED</li> <li><input type="checkbox"/> MAY BE REQUIRED (DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)</li> <li><input type="checkbox"/> REQUIRED</li> </ol> <p>DOSE: _____ GALS.</p>	<p><b>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</b></p> <p><u>270 GPD + 66%</u> <u>≈ 448 GPD</u></p> <p><u>448 GPD - 10%</u> <u>For Low Vol FLUSH</u> <u>≈ 403</u></p>		
<p><b>SOIL CONDITIONS USED FOR DESIGN PURPOSES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PROFILE: <u>9</u></td> <td>CONDITION: <u>D</u></td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: <u>12</u></p>	PROFILE: <u>9</u>	CONDITION: <u>D</u>	<p><b>SIZE RATINGS USED FOR DESIGN PURPOSES</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SMALL</li> <li><input type="checkbox"/> MEDIUM</li> <li><input type="checkbox"/> MEDIUM-LARGE</li> <li><input type="checkbox"/> LARGE</li> <li><input checked="" type="checkbox"/> EXTRA LARGE</li> </ol>	<p><b>DISPOSAL AREA TYPE/SIZE</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> BED _____ Sq. Ft.</li> <li><input checked="" type="checkbox"/> CHAMBER <u>960</u> Sq. Ft.</li> <li><input checked="" type="checkbox"/> REGULAR <input type="checkbox"/> H-20</li> <li><input type="checkbox"/> TRENCH _____ Linear Ft.</li> <li><input type="checkbox"/> OTHER: _____</li> </ol>	<p><b>DESIGN FLOW:</b> <u>403 G.P.D.</u> (GALLONS/DAY)</p>
PROFILE: <u>9</u>	CONDITION: <u>D</u>				

**SITE EVALUATOR STATEMENT**

On 5/8/84 + 5/29/85 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator or Professional Engineer's Signature: [Signature] SE# / PE#: #56 Date: 5/30/85

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HHE - 200 Rev. 4/83

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

EIGHT ROD ROAD

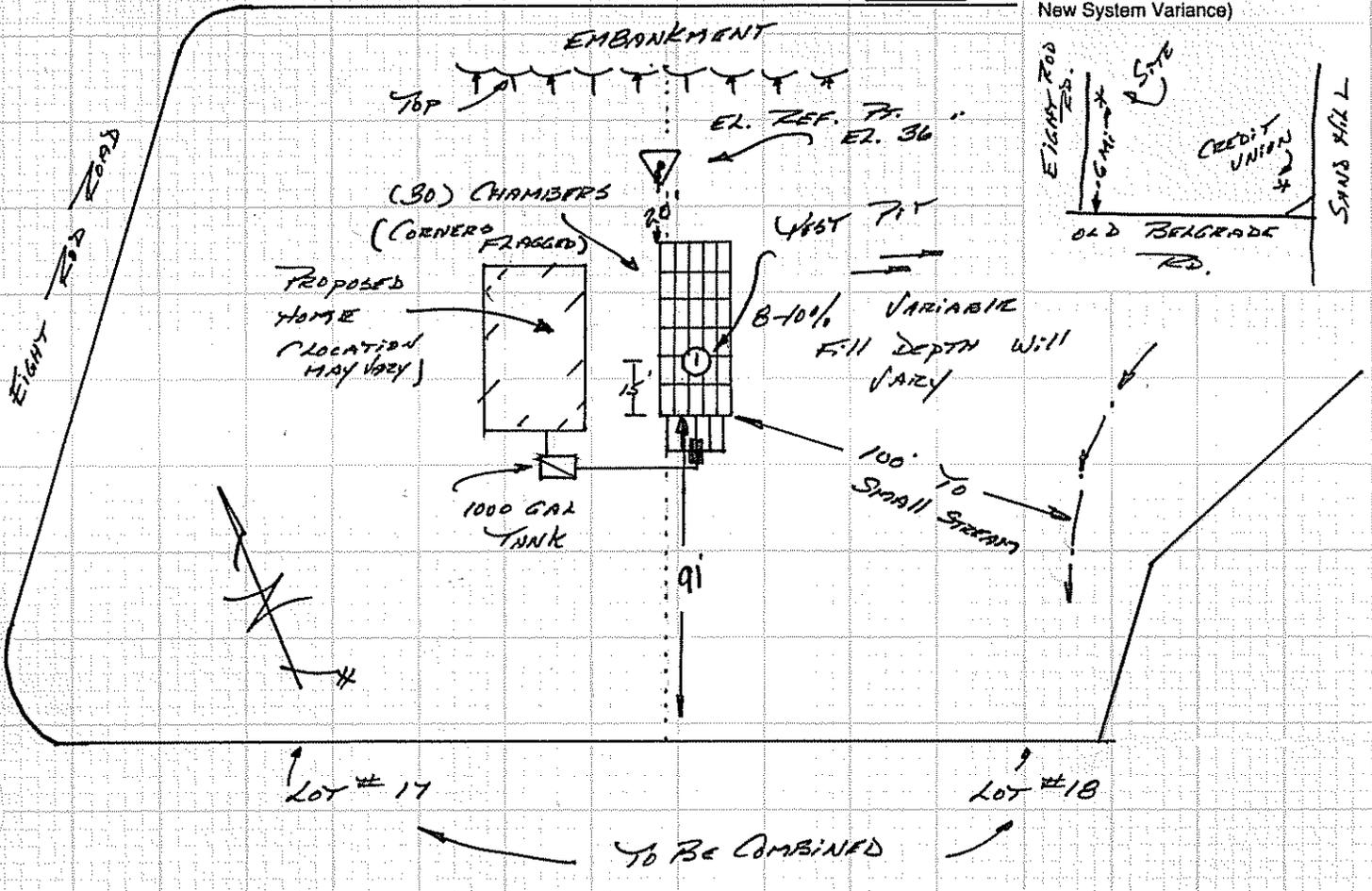
Owners Name

JUSTIE BEERS

WOODWARD DRIVE  
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

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	VFSL		DK BROWN	FEW FAINT @ 12-15"
6		FRILABLE	REDDISH BROWN	
12-15			OLIVE BROWN	
15				COMMON "DISTINCT" BELOW 15"
20	SILTY CLAY LOAM	FIRM	GRAY	
30				
40				
50				

Soil Profile 9 Classification D Slope B-10 % Limiting Factor 12  
 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 Profile \_\_\_\_\_ Classification \_\_\_\_\_ Slope \_\_\_\_\_ % Limiting Factor \_\_\_\_\_  
 Ground Water  
 Restrictive Layer  
 Bedrock

*Paul C. Beers*  
Site Evaluator Signature

#56  
SE#

5/30/85  
Date

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Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

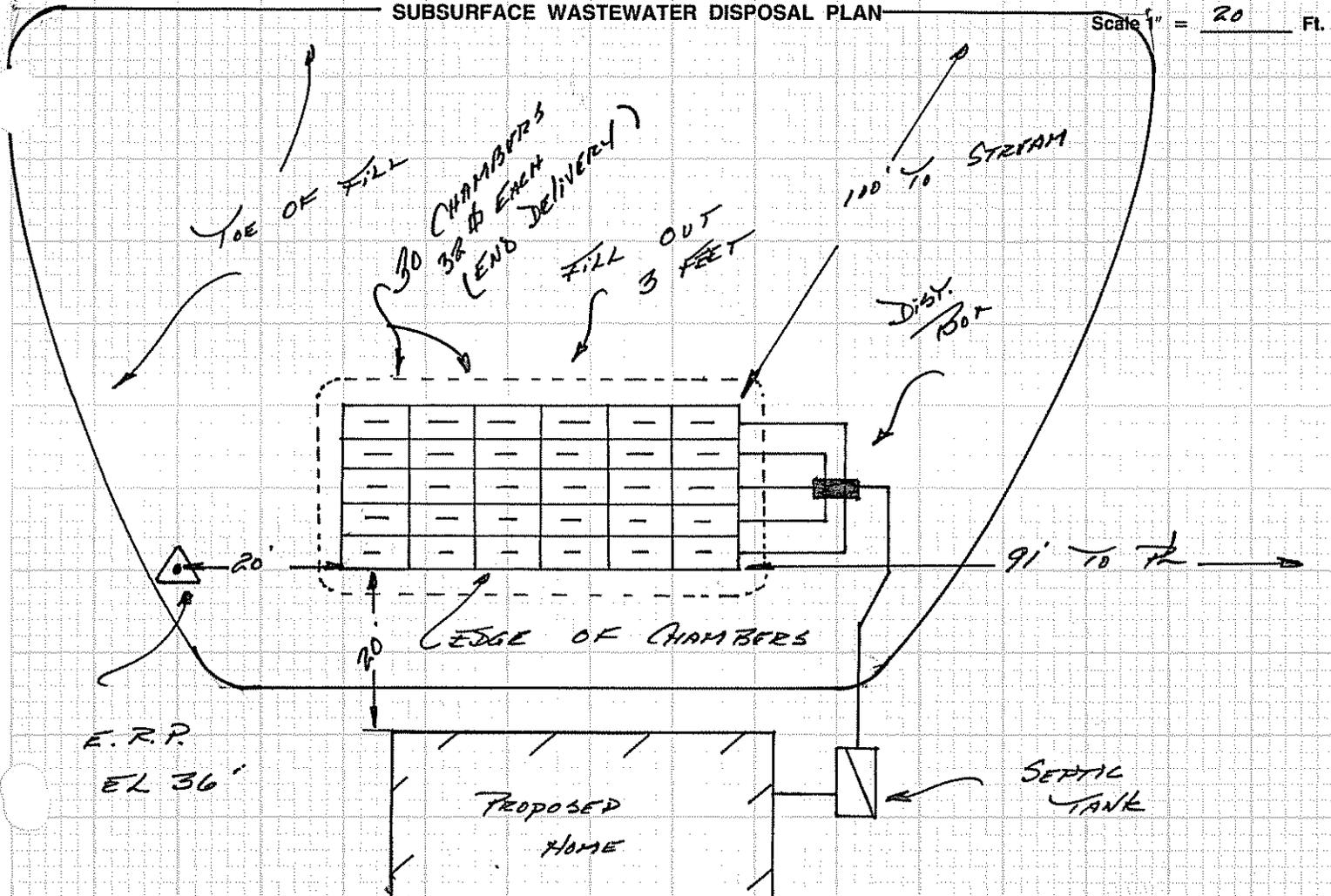
EIGHT RD RD.

Owners Name

JUSTIE BROS.

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



<b>FILL REQUIREMENTS</b>	<b>CONSTRUCTION ELEVATIONS</b>	<b>ELEVATION REFERENCE POINT LOCATION &amp; DESCRIPTION</b>
Depth of Fill (Upslope)	Reference Elevation is	MARK ON WOOD STAKE IS 36" ABOVE BOTTOM OF CHAMBERS
Depth of Fill (Downslope)	Bottom of Disposal Area	
	Top of Chambers	
31"	36"	
55"	0"	
	13"	

### DISPOSAL AREA CROSS SECTION

{ SEE ATTACHED SHEET FOR X-SECT }

Scale:

Vertical: 1 inch = Ft.  
Horizontal: 1 inch = Ft.

### INSTALLATION NOTES:

- REMOVE SOIL BENEATH CHAMBERS + FILL EXT. - FOTOTILL - PLACE 3-4" FILL + FOTOTILL TO MIX - PLACE + COMPACT FILL TO MEET GRADE ESTABLISHED AT E.R.P.
- DIVERT SURFACE WATER AWAY FROM SYSTEM
- STABILIZE SYSTEM BY SEED + MULCH

*Paul A. Beers*

Site Evaluator Signature

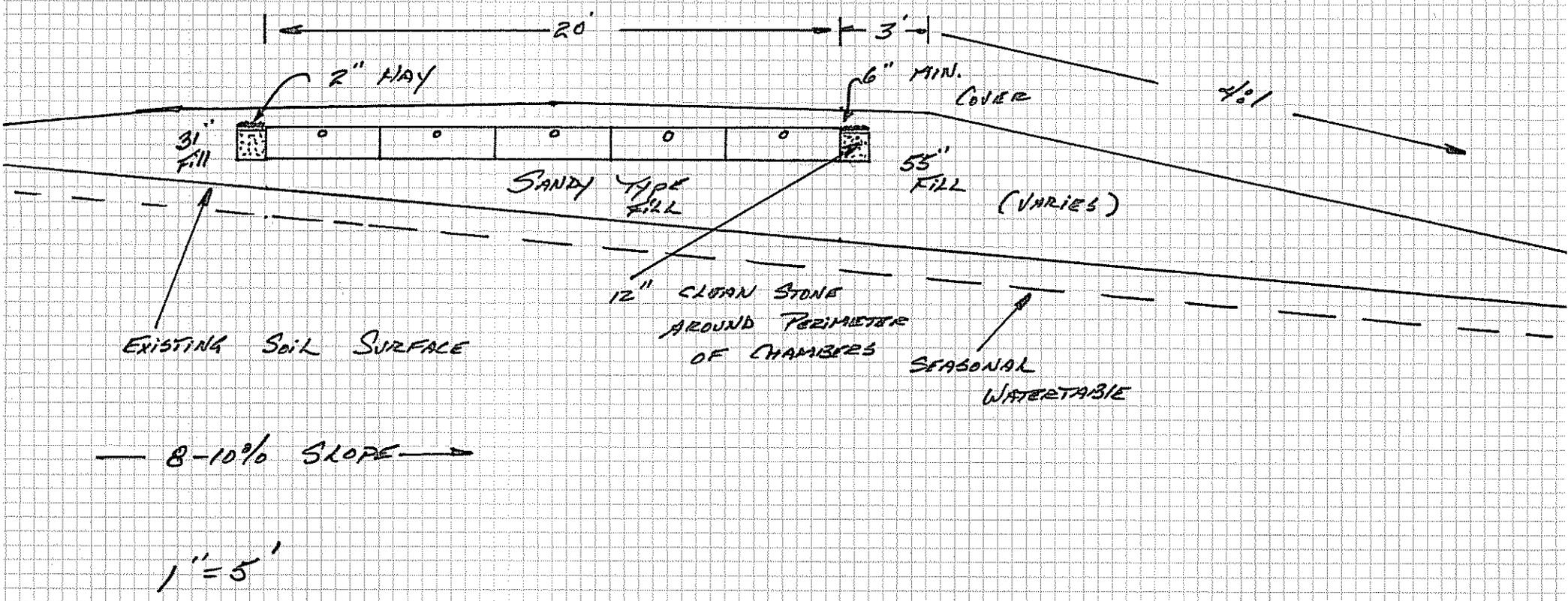
#56

SE#

5/30/88

Date

CROSS-SECTION OF CHAMBERS  
 DOSTIE BROS.  
 AUGUSTA, MAINE



DRAWN BY: [Signature]

# 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: DOSTIE BROS.

System's Location: EIGHT ROD RD.

street

Property Owner's Address RFD#3 Box 899

street

AUGUSTA

town

ME.

state

04330

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 ON 98 Soils 6B3A
2. \_\_\_\_\_
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>9D</u>	<u>10</u>
DEPTH TO GROUNDWATER	<u>12"</u>	<u>9</u>
SIZE OF PROPERTY	<u>1.5+ AC</u>	<u>3</u>
TERRAIN	<u>HOLL</u>	<u>5</u>
WATERBODY SETBACK	<u>100'</u>	<u>0</u>
WATER SUPPLY	<u>DRILLED</u>	<u>3</u>
TYPE OF DEVELOPMENT	<u>RES.</u>	<u>0</u>
DESIGN FLOW	<u>100%</u>	<u>10</u>
SEPARATION DISTANCE	<u>100%</u>	<u>10</u>
ADDITIONAL TREATMENT	<u>NONE</u>	<u>0</u>
<b>TOTAL POINT ASSESSMENT</b>		<b><u>50 PTS.</u></b>

### 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, George A. Gougeon Jr., 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.

George A. Gougeon Jr.  
Signature of L.P.I.

5-9-86  
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).

LOTS 17 & 18 WITCH IS IN DOSTIE BRAS SUBDIVISION WAS APPROVED IN 1974 WE ARE ASKING FOR A NEW APPROVAL ON A NEW SYSTEM WHICH WAS LAID OUT BY PAUL BEERS FOR SEPTIC SYSTEMS  
(Attach additional sheets, if needed)

I, GABRIEL DOSTIE, 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 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.

Gabriel Dostie 4/10/86  
Date  
 Signature of Owner  
 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 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.

- LOT IS PART OF EXISTING SUBDIVISION W/ SOILS APPROVED BY A PREVIOUS EVALUATOR FOR A MOUND SYSTEM
- SUBSEQUENT EVALUATION FINDS SOILS W/ 12" GWL; SITE IS AT TOP OF WATERSHED - SEWAGE CONDITIONS CAUSED BY SLOW PERMEABILITY OF NATIVE SOILS
- LOT IS TO BE COMBINED WITH ADJACENT LOT
- LOW-VOL FIXTURES - INCREASED FLOW + FILL WILL INCREASE ABILITY OF SYSTEM TO FUNCTION ON THESE SOILS.

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 5/30/85  
Date  
Signature of Site Evaluator

**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.

<u>William A. Karsdale</u> <small>Municipal Officer's Signature</small>	<u>Ward 7 Council</u> <small>Officer Title</small>	<u>5/9/86</u> <small>Date</small>
<u>Kenneth A. Bennett</u> <small>Municipal Officer's Signature</small>	<u>Ward 2</u> <small>Officer Title</small>	<u>5-9-86</u> <small>Date</small>
<u>R.L. Brigham</u> <small>Municipal Officer's Signature</small>	<u>Ward 6</u> <small>Officer Title</small>	<u>5-12-86</u> <small>Date</small>



STATE OF MAINE  
DEPARTMENT OF HUMAN SERVICES  
AUGUSTA, MAINE 04333



JOSEPH E. BRENNAN  
GOVERNOR

June 3, 1986

MICHAEL R. PETIT  
COMMISSIONER

Dostie Bros.  
RFD #3 Box 899  
Augusta, ME 04330

Subject: New System Variance approval, Dostie Bros. property, Eight Rod Road, Augusta

Dear Sir:

The Division has reviewed your completed Application for a new system variance to the Subsurface Wastewater Disposal Rules. A new disposal system cannot be installed on the property in full compliance with the Rules. You have requested the following:

To allow a disposal system to be installed on soils that do not meet the minimum criteria. Specifically, the seasonal high groundwater table is located 12 inches below grade.

The Division approves of the application dated May 30, 1986 by Paul Beers, SE.

Mr. Beers shall be retained to establish the system location and elevation at the time of construction.

George Soucy, Jr., the Local Plumbing Inspector shall issue a permit prior to the system's installation. The system shall be constructed in compliance with the submitted application.

Yours very truly,

Russell G. Martin, P.E.  
Manager  
Wastewater & Plumbing Control  
Division of Health Engineering

RGM/lb

cc: George Soucy, Jr., LPI ✓  
Paul Beers, SE

