

Sue Walker 289-2171 OR 623-2529
 booked on 1/29/92

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: Augusta

Street: Prascott Road

PROPERTY OWNERS NAME

Last: Adams First: Michael

Applicant Name: Mark Walker

Mailing Address of Owner/Applicant (if Different): 5 Greenwood Street Augusta, ME

Caution: Permit Required

AUGUSTA 2046 TOWN COPY

Date Permit Issued: 12/17/90 \$ 40 FEE Double Fee Charged

John D. Fuccielli - L.P.I. # 19163

Local Plumbing Inspector Signature

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.

Mark Walker 11-20-90

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.

John D. Fuccielli 1/23/92

Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

INSTALLATION IS:

COMPLETE SYSTEM

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

SEASONAL CONVERSION

to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

DISPOSAL SYSTEM TO SERVE:

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

INDIVIDUALLY INSTALLED COMPONENTS:

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

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

SIZE OF PROPERTY

6 ac

ZONING

Residential

SPECIFY

TYPE OF WATER SUPPLY

Drilled Well

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
(DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

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

3 Bedroom - Moderate Single Family Dwelling

$360 \times 1.33 = 479$

$3.3 \times 479 \div 20 = 79$

DESIGN FLOW: 480 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>7</u>	<u>D</u>

DEPTH TO LIMITING FACTOR: 14

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED 1600 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 - REGULAR
 - H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 10-6-90 (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.

Stephen J. Russell

Site Evaluator Signature

254

SE#

11/18/90

Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

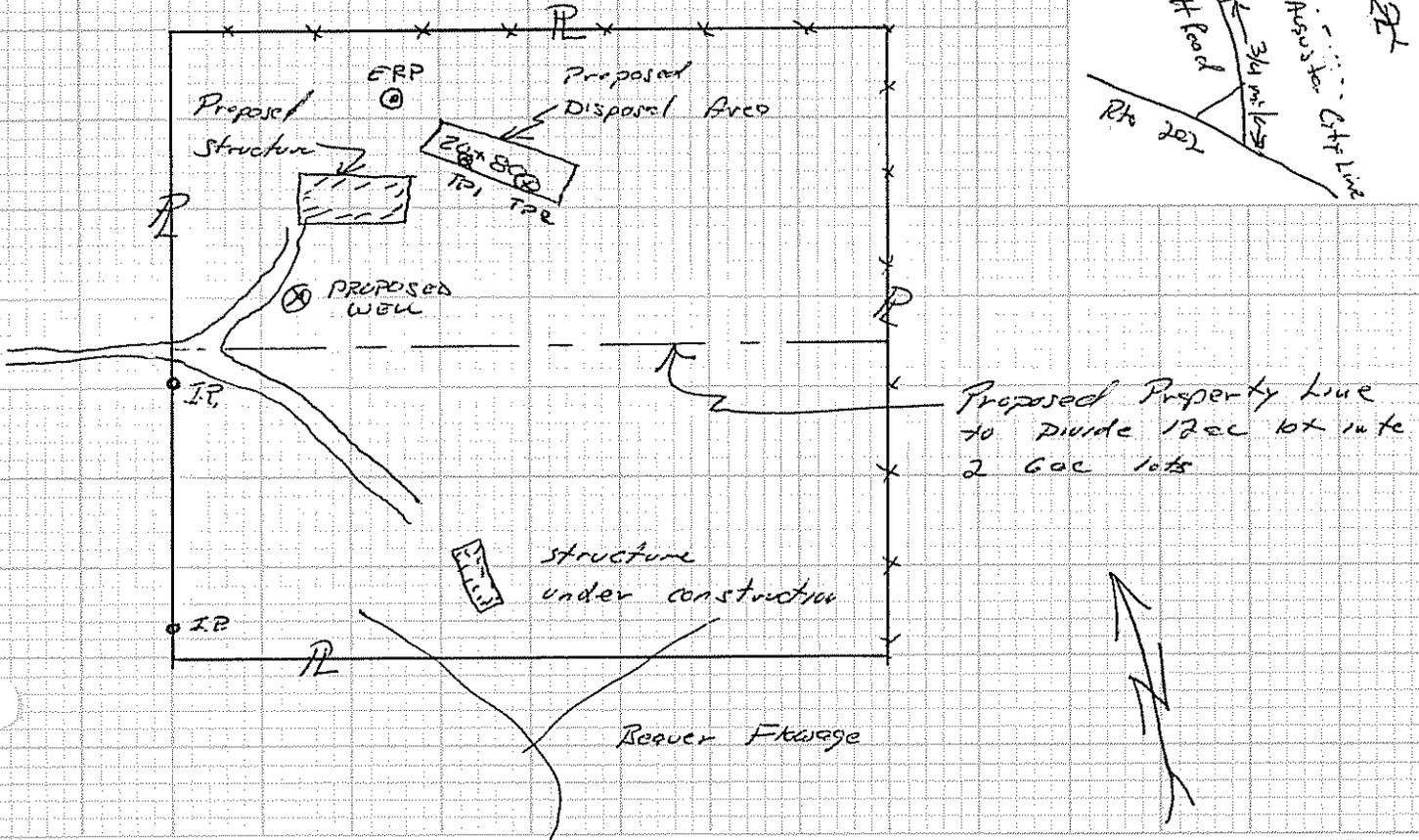
Augusta

Prescott Road
SITE PLAN

Michael Adams

Scale 1" = 200 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	LOAMY SAND	Loose	DARK BROWN	
6				
10	FINE SAND		Yellowish BROWN	
15				
20	SILTY CLAY	Firm	Gray	Common Distinct
30				
40				
50				

Soil Profile <u>7</u>	Classification <u>D</u>	Slope <u>0</u> %	Limiting Factor <u>14</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole 2 Test Pit Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	loam sand	Loose	Dark Brown	
6				
10	fine sand		Yellowish BROWN	
15				
20	Silty Clay	Firm	Gray	Common Distinct
30				
40				
50				

Soil Profile <u>7</u>	Classification <u>D</u>	Slope <u>0</u> %	Limiting Factor <u>14</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Stephen J. [Signature]
Site Evaluator Signature

254
SE#

11/28/90
Date

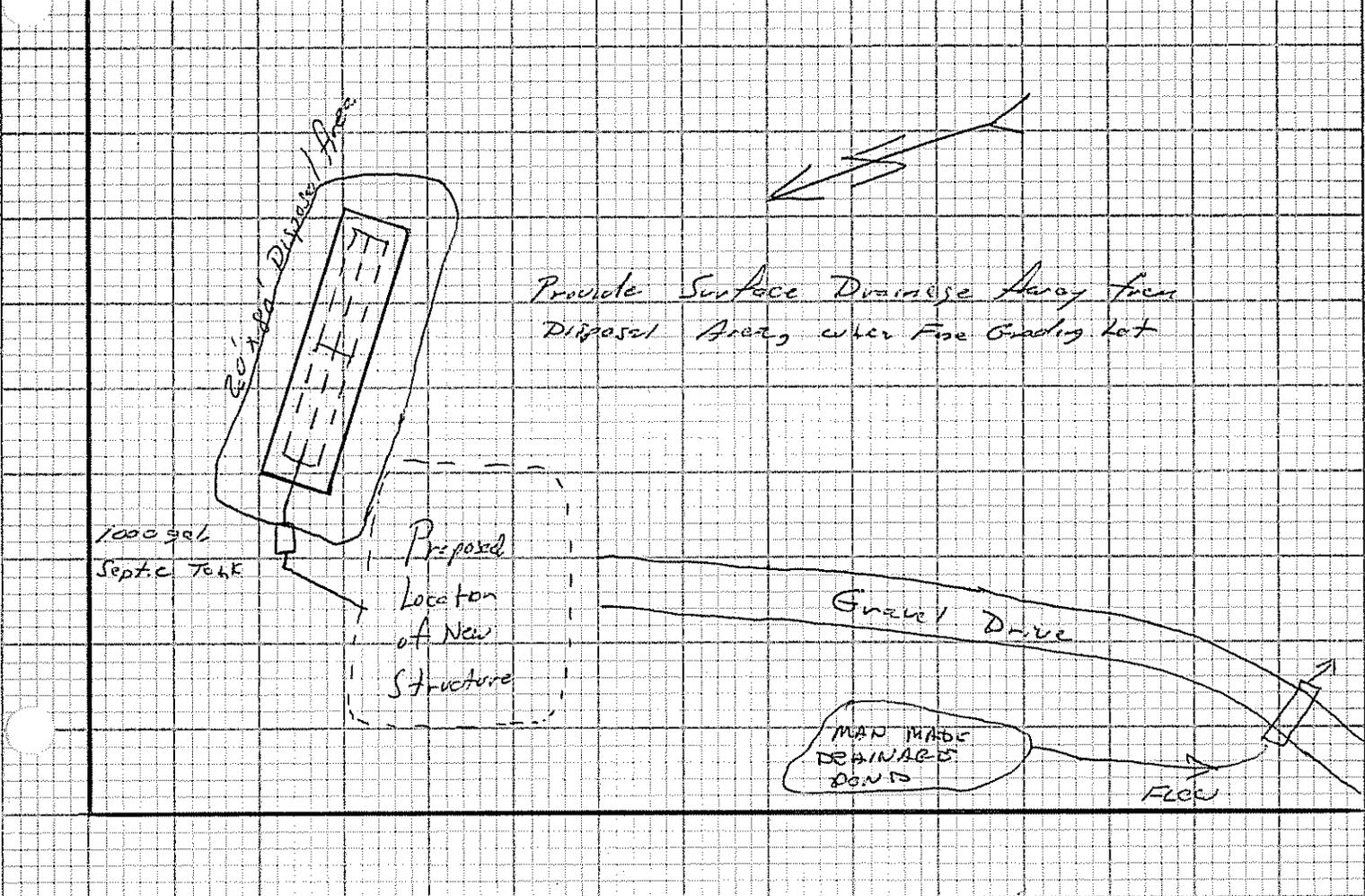
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta Street, Road, Subdivision: Prescott Road Owners Name: Michael Adams

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 50 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 34"
Depth of Fill (Downslope) 34"

CONSTRUCTION ELEVATIONS

Reference Elevation is assumed 0"
Bottom of Disposal Area 37"
Top of Distribution Lines or Chambers 24"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

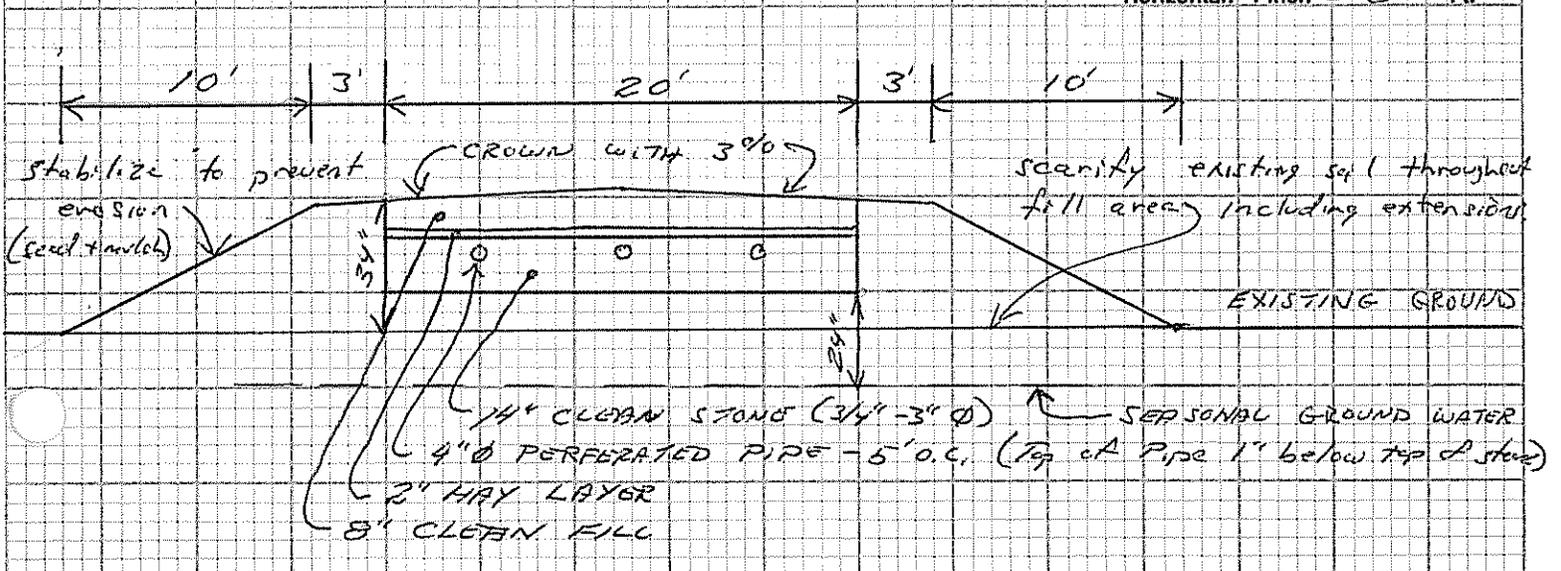
Spike in tree NW of Bed

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 4 Ft.

Horizontal: 1 inch = 8 Ft.



Stephen D. Russell
Site Evaluator Signature

254
SE#

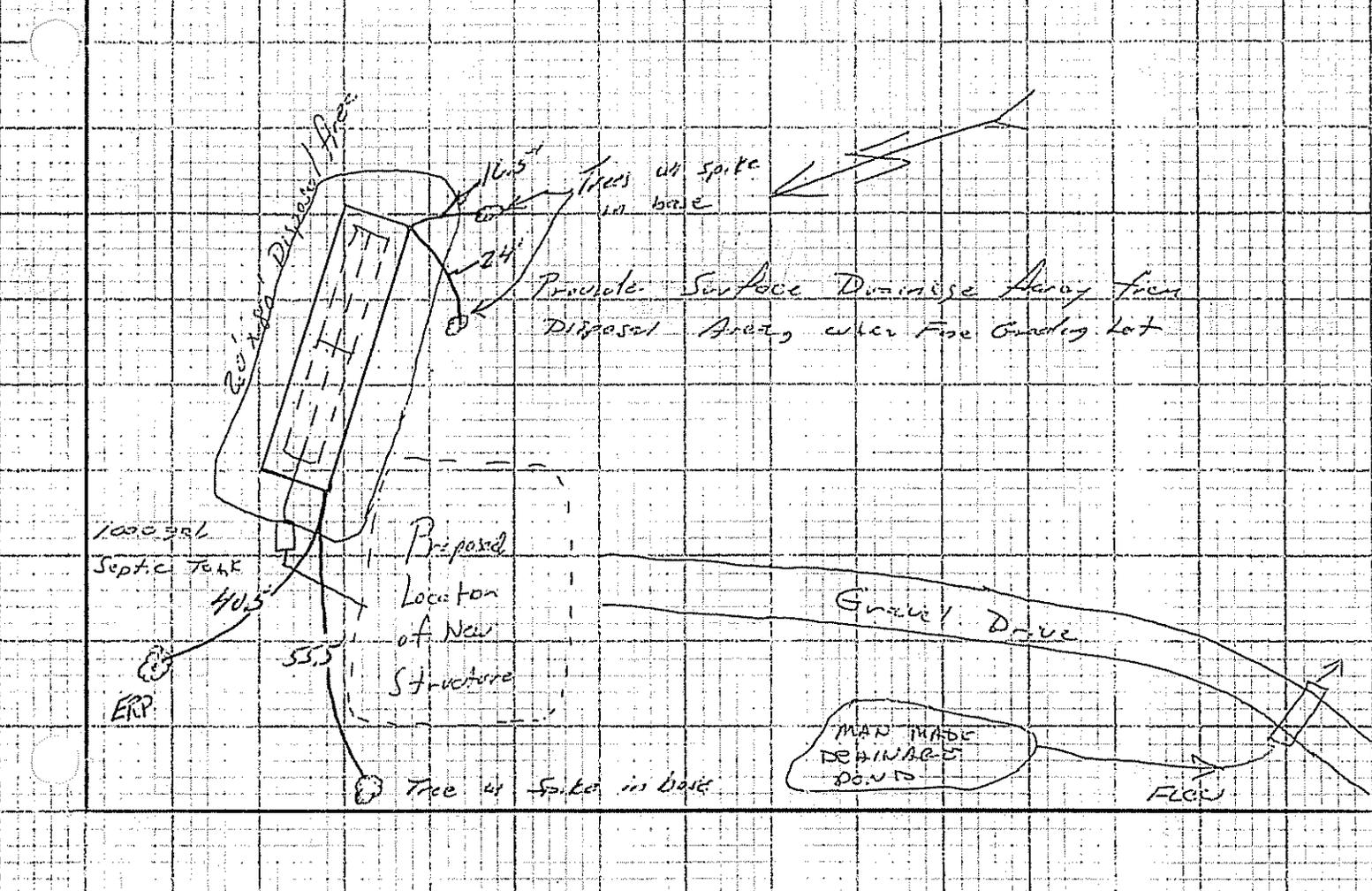
11/16/80
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation: Augusta Street, Road, Subdivision: Prescott Road Owners Name: Michael Adams

SUBSURFACE WASTEWATER DISPOSAL PLAN

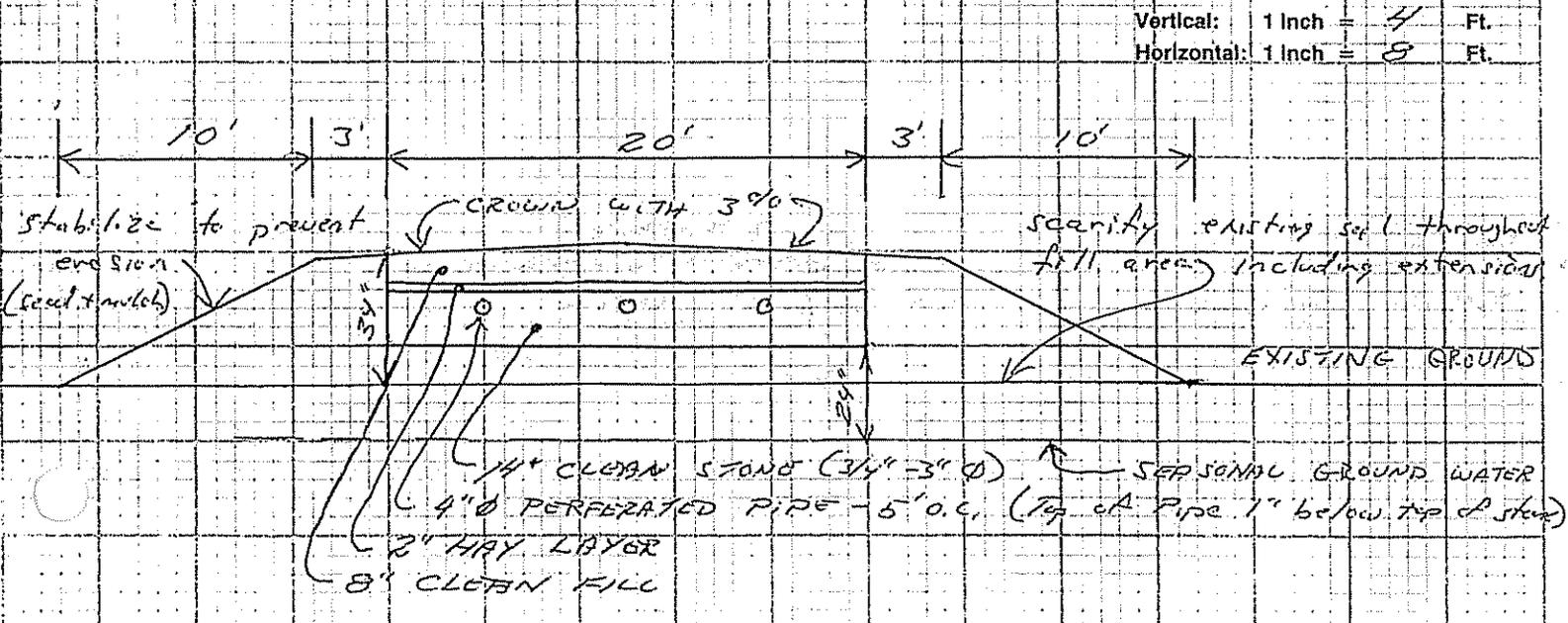
Scale 1" = 50 Ft.



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope) <u>34"</u>	Reference Elevation is assumed <u>0"</u>	Spike in tree NW of Road
Depth of Fill (Downslope) <u>34"</u>	Bottom of Disposal Area <u>37"</u>	
	Top of Distribution Lines or Chambers <u>24"</u>	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 4 Ft.
Horizontal: 1 Inch = 8 Ft.



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: Michael Adams
 System's Location: Prescott Road, Augusta
 Property Owner's Address: RFD 5 Box 6488, Augusta
 (if different from above)

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:
- The variance request has the approval of the LPI.
 - The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
 - 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.
 - The proposed system does not conflict with any provision controlling subsurface wastewater disposal in the Shoreland Zone.
 - The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
 - 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

- only 14" of soil free of limiting factors 6.B.3 (a)
-
-

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>7</u>	<u>+15</u>
Depth to Groundwater	<u>14"</u>	<u>+20</u>
Size of Property	<u>6 ac</u>	<u>+15</u>
Terrain	<u>Lowland</u>	<u>-5</u>
Waterbody Setback	<u>150'-249'</u>	<u>+3</u>
Water Supply	<u>Drilled</u>	<u>+3</u>
Type of Development	<u>Residential</u>	<u>0</u>
Design Flow	<u>Min +33%</u>	<u>+5</u>
Separation Distance	<u>Min +100'</u>	<u>+10</u>
Additional Treatment	<u>N/A</u>	<u>0</u>
TOTAL POINT ASSESSMENT		<u>66</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 inform the Division of Health Engineering of any factors 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 provision controlling subsurface wastewater disposal systems in the Shoreland Zone.

CONCLUSIONS: I, John Pucciarelli, 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.

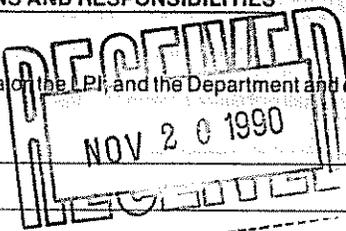
Therefore, I recommend the issuance of a permit for the system's installation as proposed by the application.

John Pucciarelli 11.29.90
 SIGNATURE OF LPI 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).



I, MARK R. WALKER, am the owner prospective owner of the subject property.

I understand that the installation 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 Local Plumbing Inspector and make any corrections required by the Rules. By signing the 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.

Mark R Walker

11-20-90

SIGNATURE OF OWNER
 SIGNATURE OF PROSPECTIVE PURCHASER

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.

The only problem with the lot is high ground water. The applicant plans to purchase 6 ac to avoid contamination to ground water beyond property lines. The high ground water is only 2" from parking but increasing the separation distance to 2' will disperse to flow to a larger area therefore resulting in a lower absorption rate per square foot.

(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, Stephen L. Campbell, 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, 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.

Stephen L Campbell #254

1/18/90

SIGNATURE OF SITE EVALUATOR

DATE

MUNICIPAL OFFICER(s) (Selectman, Councilman, Alderman, Mayor, Town Manager)

We the municipal Officer(s) of Augusta have reviewed this application and are aware that the applicant is applying to the Division of Health Engineering for a variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the Rules. The proposed variance request does does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.

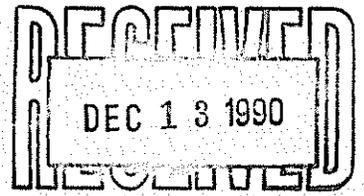
Walter H. Lewis

Director of City Services 11-29-90

SIGNATURE FOR THE MUNICIPALITY

TITLE

DATE



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

December 10, 1990

Stephen Campbell
287 Turkey Lane
RFD 2, Box 580
Winthrop, Maine 04364

SUBJECT: New System Variance, Walker property, Prescott
Road, Augusta

Dear Mr. Campbell,

According to 10-144A CMR 241.6.A.4, the corners of the disposal field shall be referenced from established control points in the field.

In this way the contractor can locate where the system shall be located even if the markers in the field were to be moved or destroyed.

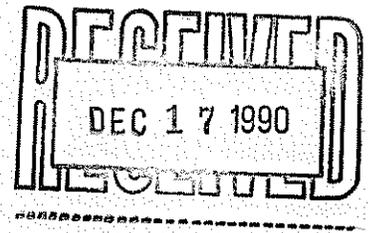
Once we receive these revisions, we will proceed with the application as soon as possible.

Yours very truly,

Scott D. N. Rollins
Wastewater & Plumbing Control
Division of Health Engineering

SDR/cw
cc: George Soucy, LPI

Department of Human Services
Division of Health Engineering
State House Station 10
(207) 289-5672



Mark Walker
5 Greenwood Street
Augusta, Maine 04330

December 13, 1990

NEW SYSTEM VARIANCE REQUEST APPROVAL

The Division approves of a variance to the Subsurface Wastewater Disposal Rules to install a new subsurface wastewater disposal system at the property owned by Mark Walker at:

Street Prescott Road
Town/City Augusta
State Maine

This approval requires that:

1. The system is installed in compliance with the submitted and approved Site Evaluator's design dated 11/18/90,
2. The Site Evaluator, who designed the system, is retained to establish the exact location and elevation of the system at the time of construction, and
3. A permit is obtained from the Local Plumbing Inspector prior to installing the system.

Yours very truly,

A handwritten signature in cursive script that reads "Scott D. Rollins".

Scott D. Rollins
Wastewater & Plumbing Control
Division of Health Engineering

cc: LPI
SE