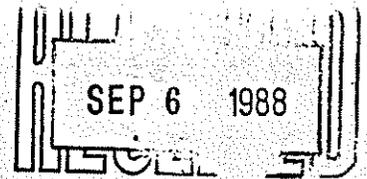


Town Copy

1473

George



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

September 1, 1988

Bruce Figoli
PO Box 5204
Augusta ME 04330

2-163

SUBJECT: Figoli property, Eight Rod Road, Augusta

Dear Mr. Figoli:

Our review of your Application for a New System Variance indicates that a new disposal system cannot be installed on your 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 8 inches below grade.

Your application was revised on August 17, 1988 by Mr. Witherill, S.E. and shows a curtain drain instead of the pressure distribution network.

Based on the information submitted and the revised information, this office hereby recommends approval of the variance request, with revisions.

Mr. Witherill, S.E. shall be retained to establish the system location and elevation at the time of construction as well as the curtain drain location.

Mr. George Soucy, 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.

Should you or others have any questions, please do not hesitate to contact me at 289-3826.

Sincerely,

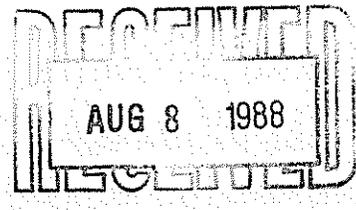
A handwritten signature in cursive script, appearing to read "David P. Breau".

David P. Breau
Wastewater & Plumbing Control
Division of Health Engineering

DPB/lid

cc: Don Witherill, S.E.
George Soucy, LPI

Gary



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

August 5, 1988

Bruce Figoli
P.O. Box 5204
Augusta, ME 04330

SUBJECT: Denial of New System Variance Request, Figoli property, Eight Road
Road, Augusta

Dear Mr. Figoli:

Our review of your Application for a New System Variance indicates that a new disposal system cannot be installed on your 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 8 inches below grade.

The Division does not approve of the application and prohibits Gary Fuller, the Local Plumbing Inspector, from issuing a permit to install a subsurface wastewater disposal system. Our denial is for the following reason(s):

Your application indicates the installation of a pressure distribution system. However, your design does not show the specified network of piping throughout the disposal area to uniformly distribute the wastewater.

I suggest you contact your site evaluator, Donald Witherill, to make the necessary changes. Upon receipt of this information, your review will continue.

Yours very truly,
Brent L. McCarthy

Brent L. McCarthy
Wastewater & Plumbing Control
Division of Health Engineering

BLM/ld
cc: Gary Fuller, LPI ✓
Donald Witherill, SE

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: Bruce Figoli

System's Location: Eight Rod Road
street

Property Owner's Address P.O. Box 5204
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. Depth to high water table 8 inches 6.B.3
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	3	15
DEPTH TO GROUNDWATER	8	0
SIZE OF PROPERTY	6+ Acres	15
TERRAIN	Side Slope	3
WATERBODY SETBACK	115'	0
WATER SUPPLY	Drilled Well	3
TYPE OF DEVELOPMENT	Residential	0
DESIGN FLOW	Min. + 33%	5
SEPARATION DISTANCE	Min. + 100%	10
ADDITIONAL TREATMENT	Pressure Distribution	3
TOTAL POINT ASSESSMENT		54

Hold for state
Approved on New system
Variance
JLF

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, Stacy R. Tucker, 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.

Stacy R. Tucker Sept 27, 1988
Signature of L.P.I. 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, Bruce Fugle, 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.

Bruce M Fugle 7-20-88
 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 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 proposed disposal system should adequately treat wastewater due to both site conditions and its design. The site is a side slope which will allow surface drainage to be diverted away from the system. The design includes an increase in area of 33% over the minimum required size and a two foot separation between the bed and the high water table. In addition, pressure distribution will be utilized to provide more uniform infiltration across the disposal field.

(Attach additional sheets, if needed)

I, Don Withcill, 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.

Don Withcill 7/15/88
 Signature of Site Evaluator 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.

<u>Ronald O'Connell</u>	Councilman	<u>7/23/88</u>
Municipal Officer's Signature	Officer Title	Date
<u>Alden L. Ingraham</u>	Councilman	<u>7/21/88</u>
Municipal Officer's Signature	Officer Title	Date
<u>William D. Burrey Jr.</u>	Councilman	<u>7/22/88</u>
Municipal Officer's Signature	Officer Title	Date

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS	
City: <u>Augusta</u>	
Street:	<u>Eight Rod Road</u>
Division Lot #:	
PROPERTY OWNERS NAME	
Last: <u>Figoli</u>	First: <u>Bruce</u>
Applicant Name:	"
Mailing Address of Owner/Applicant (If Different):	<u>P.O. Box 5204 Augusta, ME 04330</u>

AUGUSTA **CAUTION PERMIT** # 1,423 TOWN COPY

Date Permit Issued: 7-18-88 \$ \$40,000 If Double Fee Charged

Harry R. Fuller
Local Plumbing Inspector Signature L.P.I. # 8,50

For 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.

Bruce M. Figoli
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.

Harry R. Fuller
Local Plumbing Inspector Signature

10-27-88
Date Approved

PERMIT INFORMATION

<p>THIS APPLICATION IS FOR:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NEW SYSTEM <input type="checkbox"/> REPLACEMENT SYSTEM <input type="checkbox"/> EXPANDED SYSTEM <input type="checkbox"/> SEASONAL CONVERSION <input type="checkbox"/> EXPERIMENTAL SYSTEM 	<p>THIS APPLICATION REQUIRES:</p> <ol style="list-style-type: none"> <input type="checkbox"/> NO RULE VARIANCE REQUIRED <input checked="" type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form <input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form <input type="checkbox"/> Requires only Local Plumbing Inspector Approval <input type="checkbox"/> Requires both State and Local Plumbing Inspector Approval 	<p>INSTALLATION IS COMPLETE SYSTEM</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NON-ENGINEERED SYSTEM <input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet) <input type="checkbox"/> ENGINEERED (+2000 gpd) <p>INDIVIDUALLY INSTALLED COMPONENTS:</p> <ol style="list-style-type: none"> <input type="checkbox"/> TREATMENT TANK (ONLY) <input type="checkbox"/> HOLDING TANK <input type="checkbox"/> ALTERNATIVE TOILET (ONLY) <input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY) <input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY) <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM
<p>IF REPLACEMENT SYSTEM:</p> <p>YEAR FAILING SYSTEM INSTALLED _____</p> <p>THE FAILING SYSTEM IS:</p> <ol style="list-style-type: none"> <input type="checkbox"/> BED <input type="checkbox"/> CHAMBER <input type="checkbox"/> TRENCH <input type="checkbox"/> OTHER: _____ 	<p>DISPOSAL SYSTEM TO SERVE:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> SINGLE FAMILY DWELLING <input type="checkbox"/> MODULAR OR MOBILE HOME <input type="checkbox"/> MULTIPLE FAMILY DWELLING <input type="checkbox"/> OTHER _____ SPECIFY _____ 	<p>TYPE OF WATER SUPPLY</p> <p><u>Drilled Well (Proposed)</u></p>
<p>SIZE OF PROPERTY: <u>6+ Acres</u></p>	<p>ZONING: <u>-</u></p>	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> SEPTIC: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Low Profile <input type="checkbox"/> AEROBIC <p>SIZE: <u>1,000</u> GALS.</p>	<p>WATER CONSERVATION</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NONE <input type="checkbox"/> LOW VOLUME TOILET <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM <input type="checkbox"/> ALTERNATIVE TOILET <p>SPECIFY: _____</p>	<p>PUMPING</p> <ol style="list-style-type: none"> <input type="checkbox"/> NOT REQUIRED <input type="checkbox"/> MAY BE REQUIRED (DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION) <input checked="" type="checkbox"/> REQUIRED <p>DOSE: <u>PER MANUFACTURER'S RECOMMENDATION</u> GALS.</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</p> <p style="font-size: 2em; text-align: center;"><u>3 Bedrooms</u></p>		
<p>SOIL CONDITIONS USED FOR DESIGN PURPOSES</p> <table style="width: 100%;"> <tr> <td>PROFILE: <u>3</u></td> <td>CONDITION: <u>D</u></td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: <u>8</u></p>	PROFILE: <u>3</u>	CONDITION: <u>D</u>	<p>SIZE RATINGS USED FOR DESIGN PURPOSES</p> <ol style="list-style-type: none"> <input type="checkbox"/> SMALL <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> MEDIUM-LARGE + 33% <input type="checkbox"/> LARGE <input type="checkbox"/> EXTRA LARGE 	<p>DISPOSAL AREA TYPE/SIZE</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> BED <u>1,200</u> Sq. Ft. <input type="checkbox"/> CHAMBER _____ Sq. Ft. <input type="checkbox"/> TRENCH _____ Linear Ft. <input type="checkbox"/> OTHER: _____ 	<p>DESIGN FLOW: <u>270</u> (GALLONS/DAY)</p>
PROFILE: <u>3</u>	CONDITION: <u>D</u>				

SITE EVALUATOR STATEMENT

SITE EVALUATION WAIVED BY LOCAL OPTION

On July 14, 1988 (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.

Donald T. Mitchell
Site Evaluator or Professional Engineer's Signature

179
SE# 'PE#

7/15/88
Date

Page 1 of 2

Augusta

Street, Road, Subdivision
Eight Rod Road

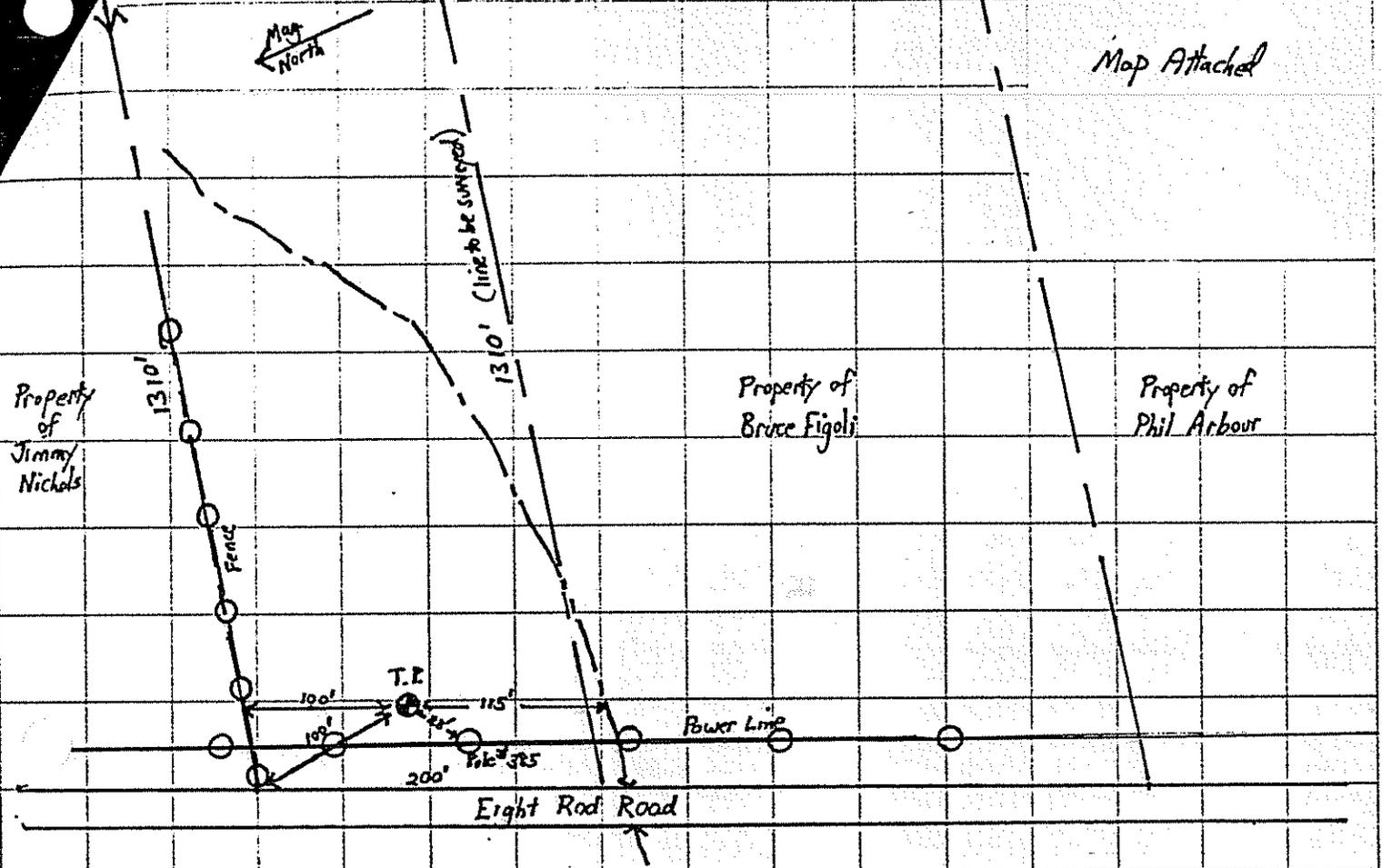
Owners Name
Bruce Figoli

SITE PLAN

Scale 1" = 100' FL

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

Map Attached



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole 1 Test Pit Boring
0 Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0 - 6	Fine Sandy Loam	Friable	Med. Brown	
6 - 10	Very Fine Sandy Loam	Very Firm	Yel Brown	Reduced
10 - 15				
15 - 20	Gravelly Sandy Loam	Firm	Olive Brown	Many
20 - 30				
30 - 40				
40 - 50				

Soil Classification: 3 Profile, D Condition
 Slope: 5 %
 Limiting Factor: 8
 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				
6 - 10				
10 - 15				
15 - 20				
20 - 30				
30 - 40				
40 - 50				

Soil Classification: _____ Profile, _____ Condition
 Slope: _____ %
 Limiting Factor: _____
 Ground Water
 Restrictive Layer
 Bedrock

Donald T. Wetkull

179

7/15/88

SEWAGE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

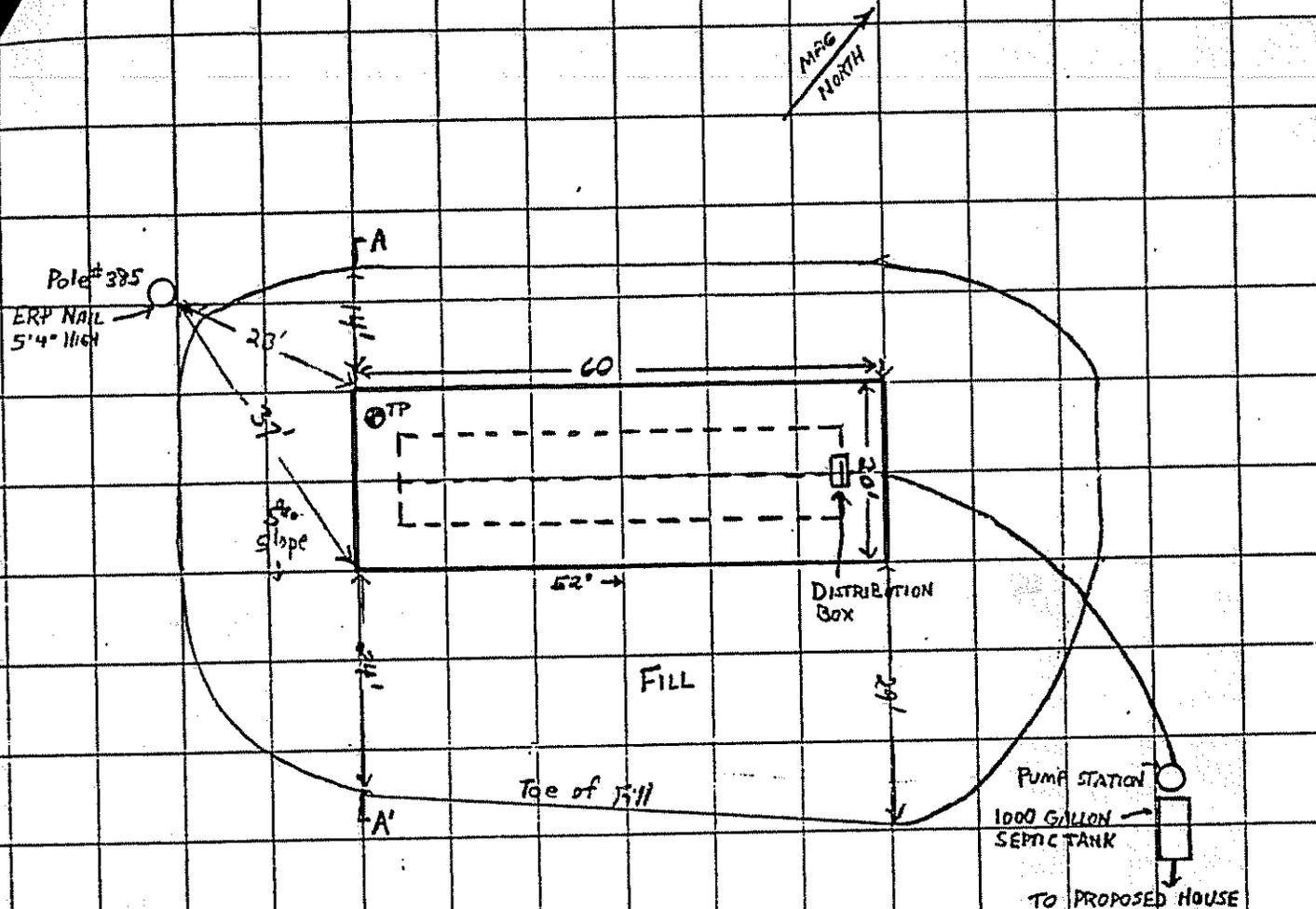
Augusta

Street, Road, Subdivision
Eight Rod Road

Owners Name
Bruce Figli

SUBSURFACE WASTEWATER DISPOSAL PLAN

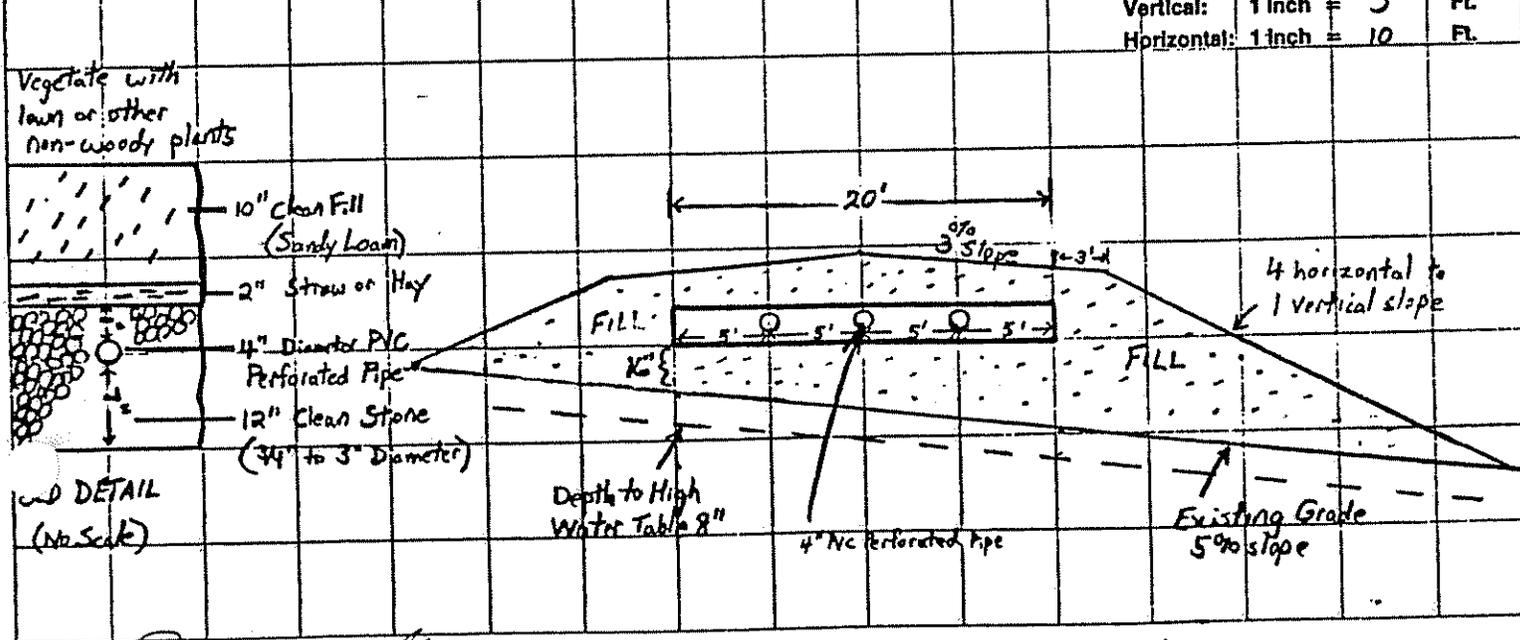
Scale 1" = 20' FL.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	40"	Reference Elevation is	0"	NAIL 5'4" HIGH IN POWER LINE POLE # 385
Depth of Fill (Downslope)	52"	Bottom of Disposal Area	-51"	
		Top of Distribution Lines or Chambers	-48"	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 5 FL
Horizontal: 1 Inch = 10 FL



and DETAIL (No Scale)