

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

| PROPERTY ADDRESS | |
|---|--------------------------------------|
| Town Or Plantation | Augusta |
| Street | Leavitt St. |
| Subdivision Lot # | |
| PROPERTY OWNERS NAME | |
| Last: | SLADE |
| First: | FRANK R. |
| Applicant Name: | SAME |
| Mailing Address of Owner/Applicant (If Different) | PULLEN ROAD BOX 1216 Augusta, ME. |

M 11 L 183A

AUGUSTA Caution: PERMIT # 1,021 TOWN COPY

Date Permit Issued: 5/16/87 \$1,000.00 FEE Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 888

See Appendix for 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.

X Frank R. Slade

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.

[Signature]

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
- Requiring Local Plumbing Inspector Approval
- Requires 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

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

N/A

DISPOSAL SYSTEM TO SERVE:

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

SIZE OF PROPERTY: 1 1/2 AC.

ZONING: LIMITED RESIDENTIAL

TYPE OF WATER SUPPLY

TO BE DRILLED

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1,000 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.)

3 bdrm.
MIN. + 33%

270 + 90 =
5 SF / 9 gpd

DESIGN FLOW: 360 gpd
(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|---------|-----------|
| 9 | D |

DEPTH TO LIMITING FACTOR: 10.

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED 1800 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 3-28-87 (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.

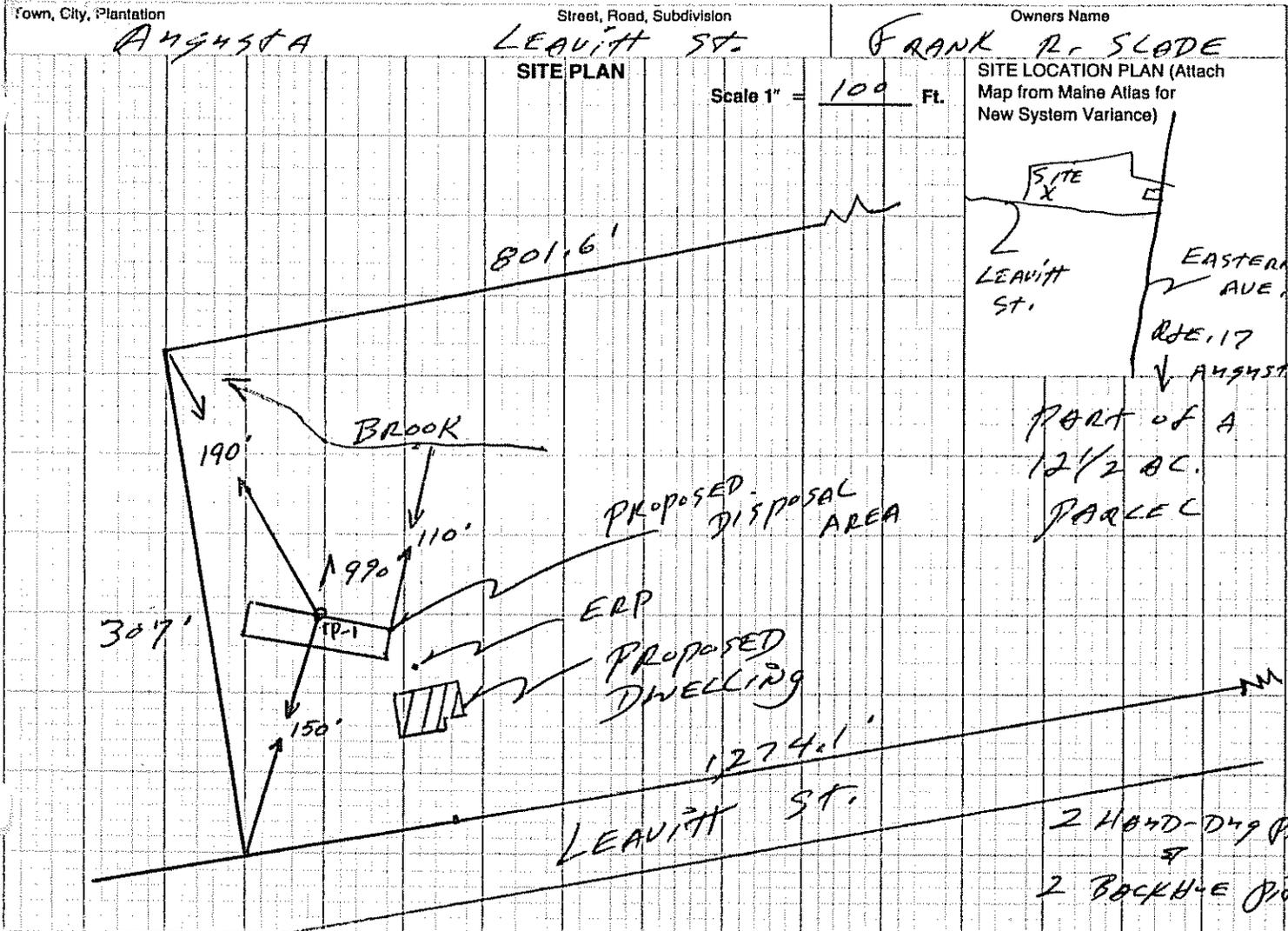
[Signature] 089 3-29-87

Site Evaluator Signature SE# Date

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-1 Test Pit Boring
" Depth of Organic Horizon Above Mineral Soil _____

| DEPTH BELOW MINERAL SOIL SURFACE (Inches) | Texture | Consistency | Color | Mottling |
|---|------------|-------------|-----------------|----------|
| 0 | SILT | | BROWN | |
| 6 | LOAM | FRAGILE | | |
| 10 | | | YELLOWISH BROWN | |
| 15 | | | GRAY | LMO |
| 20 | SILTY CLAY | DENSE | GRAY | GLEYED |
| 30 | | LACUSTRINE | | |
| 40 | | | SCANTIC SERIES | |
| 50 | | | | |

| | | | | |
|------------------------|------------------------------------|-------------------|----------------------------|--|
| Soil Profile: <u>9</u> | Classification Condition: <u>D</u> | Slope: <u>9</u> % | Limiting Factor: <u>10</u> | <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> 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 Condition: _____ | Slope: _____ % | Limiting Factor: _____ | <input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock |
|---------------------|---------------------------------|----------------|------------------------|---|

Barbara Anthony
Site Evaluator Signature

089
SE#

3-29-87
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

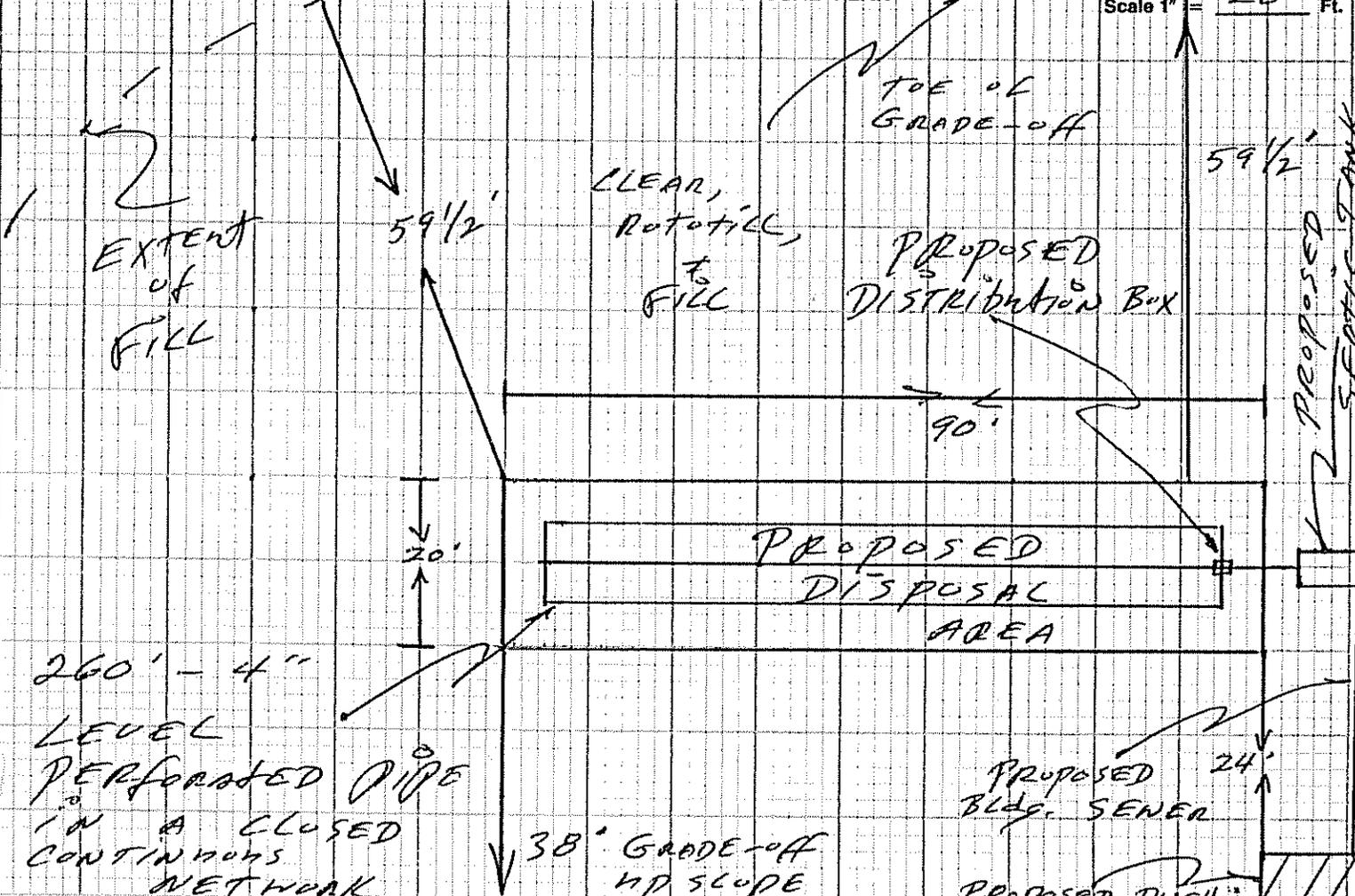
Augusta

LEAVITT ST.

FRANK R. SLODE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 38"

Depth of Fill (Downslope) 59 1/2"

CONSTRUCTION ELEVATIONS

Reference Elevation is 103' + 02"

Bottom of Disposal Area 101' + 02"

Top of Distribution Lines or Chambers 102' + 02"

103' + 02" = TOP BED

ELEVATION REFERENCE POINT

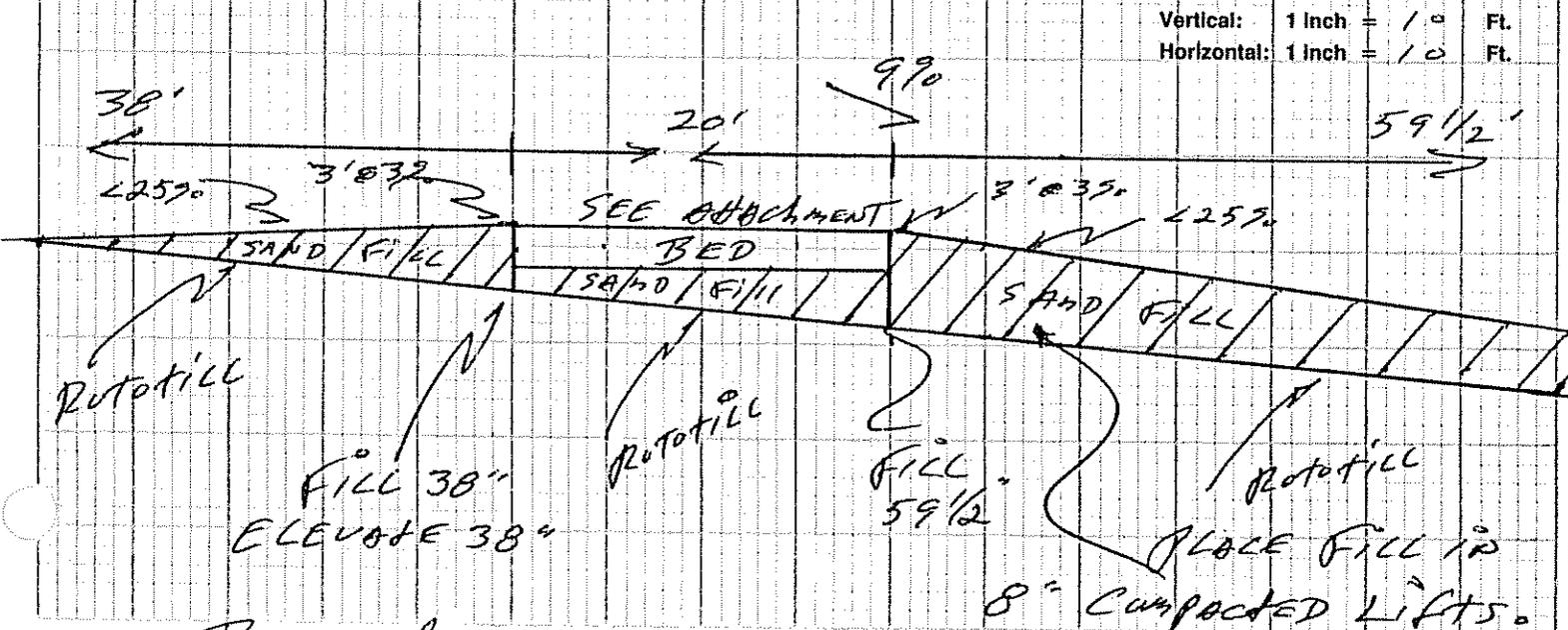
ERP LOCATION & DESCRIPTION

101' + 02" STAKE MARKED BLUE

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 10' Ft.
Horizontal: 1 inch = 10' Ft.



B. E. McIntyre
Site Evaluator Signature

089
SE#

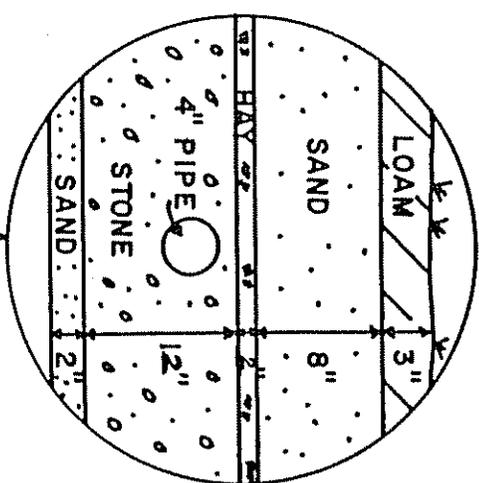
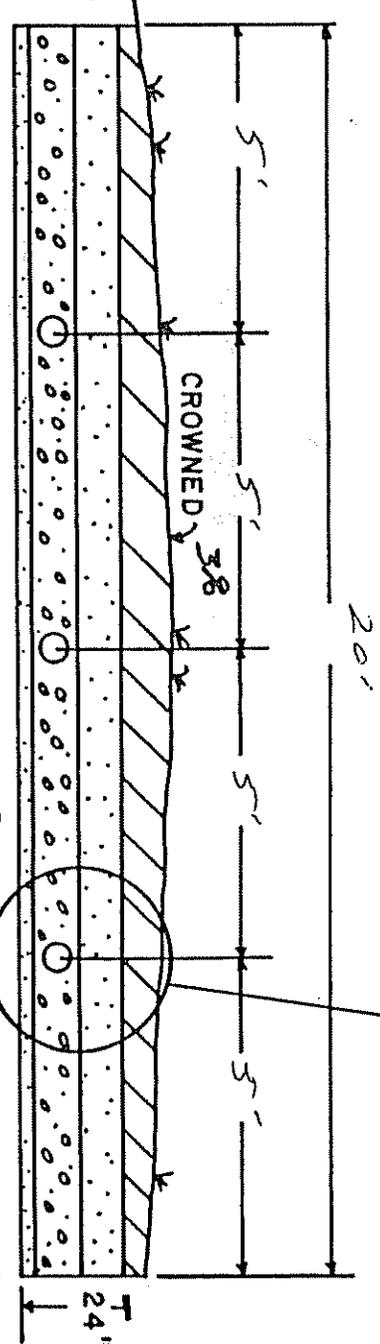
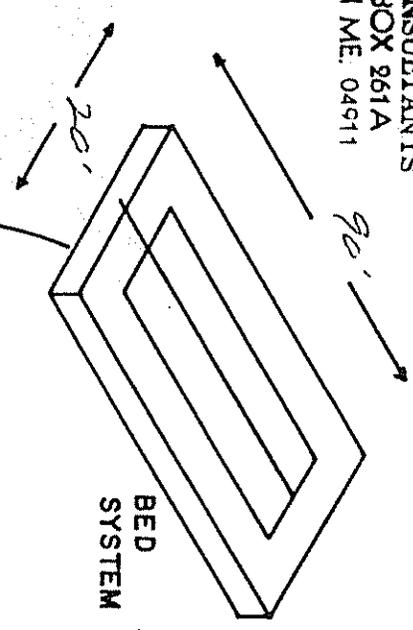
3-29-87
Date

CROSS-SECTIONAL DIAGRAM: BEDS
 SIZE SYSTEM EKTA LARGE, 20x90'
 OWNER/APPLICANT FRANK B. SCARDE
 LOCATION LEAVITT ROAD, ANGSTADT

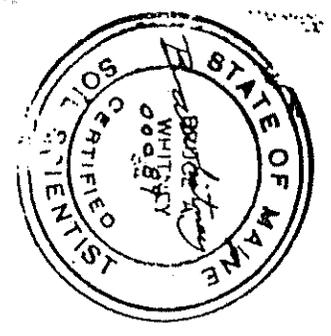
NEW ENGLAND SOIL CONSULTANTS

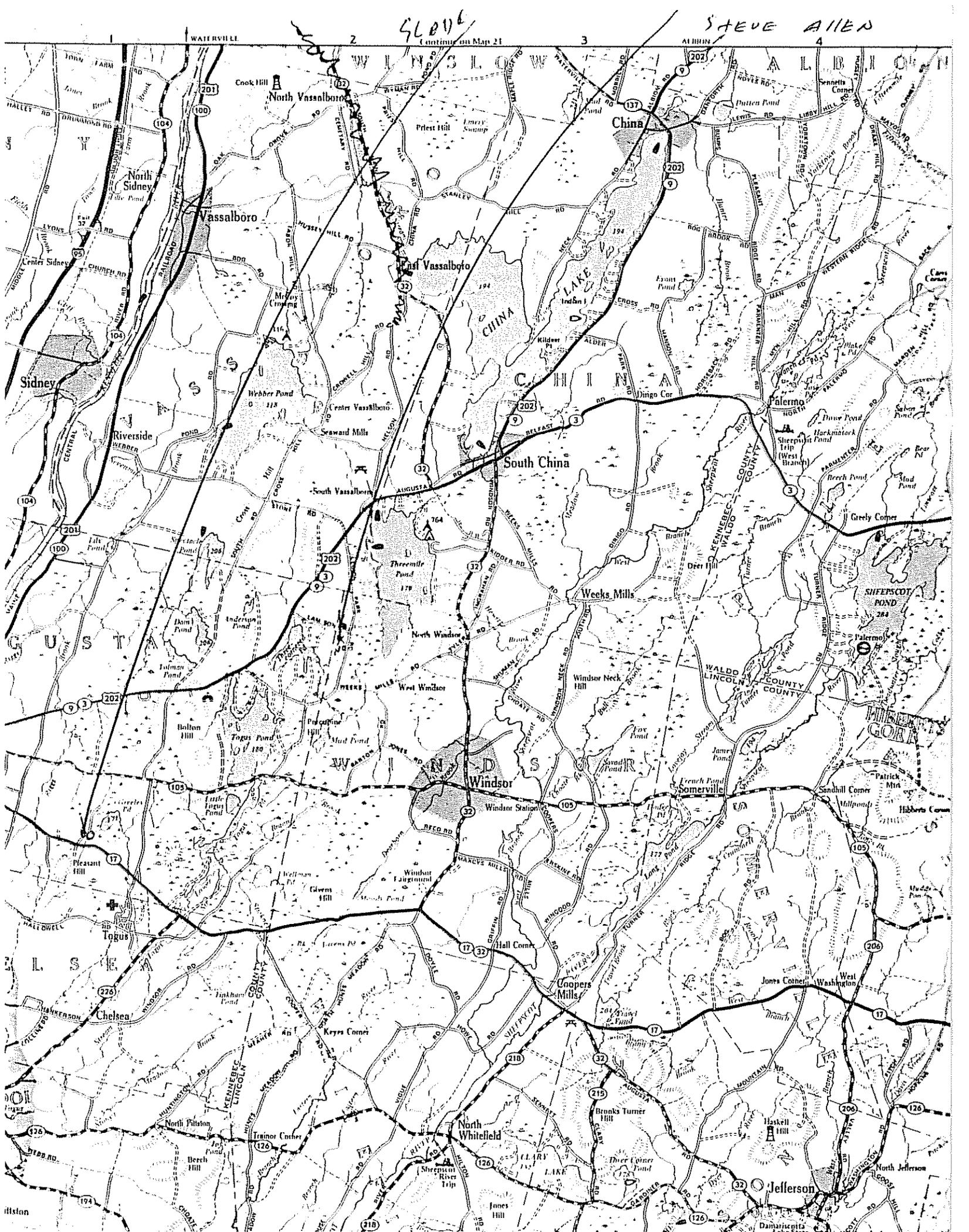
NEW ENGLAND
 SOIL CONSULTANTS
 P.O. BOX 261A
 ANSON ME. 04911

THIS DIMENSION
 SHOWN ON FORM
 HHE 200.



GROUND LEVEL ELEVATION ASSUMED - 100' 00"
 REFERENCE ELEVATION POINT ESTABLISHED @ TOP OF B.
 100' 00" ± DEPTH OF UPSLOPE FILL —
 TOP OF DISTRIBUTION LINES ELEV. =
 TOP OF REI. ELEV. MINUS 11" —

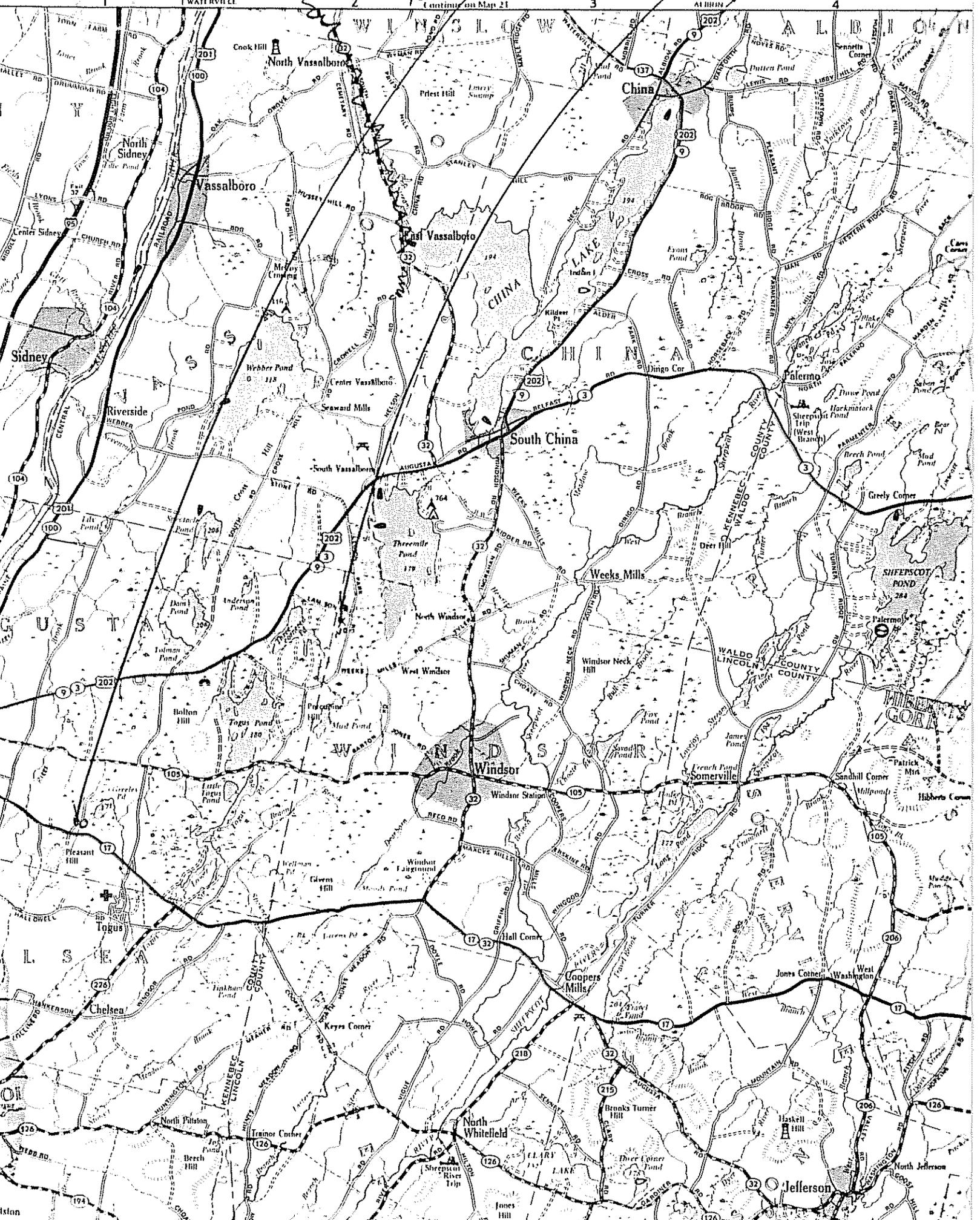




WATERVILLE

CLAVE
Continued on Map 21

STEVE ALLEN



itston

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, FRANK R. SLADE, 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.

Frank R. Slade

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 SOIL IS UNDERLAIN BY DENSE CLAY - TYPICAL OF THE AUSTIN AREA - HAS A SEASONAL PERCHED WATER TABLE AT 10" FROM SURFACE - LOT IS 12 1/2 AC. - SYSTEM OVERDESIGNED BOTH IN SIZE & FILL FACTORS. POTENTIAL FOR VARIANCE APPROVAL IS MARGINAL.

(Attach additional sheets, if needed)

I, BRUCE A. WHITNEY, 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.

Bruce A. Whitney

Signature of Site Evaluator

3-29-07
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>Konrad Korman</i> | Council, Ward 3 | 4-9-07 |
| Municipal Officer's Signature | Officer Title | Date |
| <i>Alden L. Johnson</i> | Council, Ward 6 | 4-9-07 |
| Municipal Officer's Signature | Officer Title | Date |
| <i>William J. Conant</i> | Council, Ward 1 | 4-10-07 |
| Municipal Officer's Signature | Officer Title | Date |

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 ANGUSTA

Property Owner's Name: FRANK R. SLADE

System's Location: LEAVITT ST.,
street ANGUSTA

Property Owner's Address PHILLEN ROAD,
street Box 1216
ANGUSTA 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. < 15" TO SEASONAL WATER TABLE 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 | 9 | 10 |
| DEPTH TO GROUNDWATER | 10" | 3 |
| SIZE OF PROPERTY | > 10 AC. | 20 |
| TERRAIN | TERRACE SIDE SLOPE | 3 |
| WATERBODY SETBACK | + 100' | 0 |
| WATER SUPPLY | TO BE DRILLED | 3 |
| TYPE OF DEVELOPMENT | SFR | 0 |
| DESIGN FLOW | MIN. + 33% | 5 |
| SEPARATION DISTANCE | MIN. + 100% | 10 |
| ADDITIONAL TREATMENT | NONE | 0 |
| TOTAL POINT ASSESSMENT | | 54 |

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 R. Ponce 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 R. Ponce Jr.
Signature of L.P.I.

4-10-07
Date

16. NEW SYSTEM VARIANCE.

A. Department Approval.

[1] A new system which cannot be installed in compliance with the Rules requires Department approval.

[2] The Department will evaluate the merits of a New System Variance request based on the following criteria;

[a] For a site that does not comply with the minimum soil conditions of Section 6.B.3 and Table 6-1, the Department will use the criteria contained in Section 16.C and Table 16-1 to evaluate the potential for a variance. A site located beyond the Mandatory Shoreland Zoning area with a relative point value of:

[i] greater than 75 has high potential.

[ii] 50 to 75 has a low to moderate potential and will be evaluated based on site modifications, engineering and best available technology for subsurface wastewater disposal.

[iii] less than 50 is unacceptable.

[b] For a site that does not comply with the minimum setback distances in Section 6.C.2 and Table 6-2, the Department will use the criteria contained in Section 16.C except for 16.C.5, and sound engineering practices to evaluate the potential for a variance.

[c] For a site located within the Mandatory Shoreland Zoning area and/or subject to Seasonal Conversion Permit, the Department will use the criteria contained in Table 16-1 to evaluate the potential for the variance or conversion. The site shall have a relative value of at least 65 points to be considered acceptable.

[d] For a site located within a proposed subdivision as defined under 30 MKSA § 4956 or 38 MRSA § 482 a relative point value greater than 75 shall be required for consideration of approval.

1/27/86

B. Review Fee.

[1] A \$20 fee shall be submitted to the Department to defray the cost of review and processing a New System Variance request.

[2] The review fee does not include a site visit by the Department staff.

[3] A check or money order shall be made out to the 'Treasurer of State'.

C. Criteria Used by the Department for Approval.

An Application, a New System Variance Form and Review Fee shall be submitted to the Department demonstrating:

[1] LPI approval;

[2] The Municipal Officers or Land Use Regulation Commission indicate that the Application is in compliance with their regulations or ordinances relating to disposal systems.

[3] there is no reasonable alternative for wastewater disposal, such as access to public sewer or the potential for an easement;

[4] no conflict with Seasonal Conversion [section 5.B.2.a] and/or Shoreland Zoning;

[5] the site offers potential for a system using the relative point values obtained from Table 16-1.

[6] the property owner is aware of the variance, it's limitations and costs.

[7] evidence shall produce that a proper deed covenant has been filed for any property which obtains additional points for lot size prior to final approval of a New System Variance. The covenant shall stipulate that the subject property shall not be subdivided without prior approval from the Department.

[8] an 8-1/2 by 11 inch sized map from the Maine Atlas or a U.S.G.S. Topographic Survey Map shall accompany each variance request and shall indicate sufficient identification to locate the property.

[9] a variance shall not be approved for a lot that had a disposal site approved during Municipal or Department of Environmental Protection subdivision reviewing unless the applicant can prove that the site requiring a variance will provide better treatment of the wastewater than the previously approved site.

D. Permit Issuance.

The LPI shall not issue a permit for the installation of a system requiring a New System Variance without first receiving:

- [1] a letter of approval from the Department.
- [2] a copy of approved plans and Application furnished by the applicant.
- [3] the appropriate permit fee.

E. Inspection.

[1] The property owner shall retain the designing Site Evaluator to stake out the location of the system, fill limits and establish field elevations at the time of construction.

[2] The LPI shall be responsible for the final inspection and approval of the system.

[3] The Department or its authorized representative shall have authority to enter onto a property at any reasonable time for the purpose of performing an inspection to determine compliance with the requirements for a "New System Variance" request, or to verify the accuracy of the information provided by the request.

[4] By signing the "New System Variance" form, the owner acknowledges permission for the Department to enter onto his premises to perform such duties necessary to evaluate the variance request.



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

April 30, 1987

Mr. Frank R. Slade
c/o George Soucy, LPI
City Hall
Augusta, ME 04330

Subject: New System Variance approval, Slade property, Leavitt Street,
Augusta

Dear Mr. Slade:

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 10 inches below grade.

The Division approves of the application dated March 29, 1987 by Bruce A. Whitney, SE.

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

George A. 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.

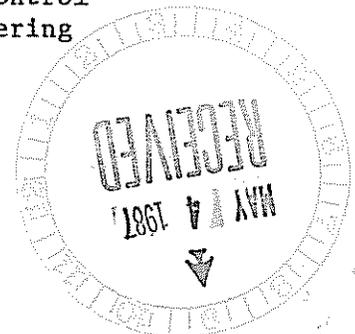
Very truly yours,

James A. Jacobsen

James A. Jacobsen
Wastewater and Plumbing Control
Division of Health Engineering

JAJ/mo

cc: George Soucy Jr., LPI
Bruce Whitney, SE



Bab



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

April 14, 1987

Mr. Frank R. Slade
Box 1216, Pullen Road
Augusta, ME 04330

Subject: Variance to the Maine Subsurface Wastewater Disposal Rules, Slade property, Leavitt Street, Augusta

Dear Mr. Slade:

This office has completed its review of your variance request for the above referenced property.

The specific variance requested is as follows:

To allow a disposal system to be located on soils having a seasonal high groundwater table located 10 inches below grade.

Based on the site evaluation with system design reported by Bruce A. Whitney, S.E., this office has serious concerns about recommending approval of your variance request.

As part of the variance approval procedure, this office shall require that the attached covenant to your deed be completed before further action is taken on your variance request by this office. Please complete the enclosed deed covenant, have it recorded in the appropriate Registry of Deeds and submit a copy of the recorded covenant to the Local Plumbing Inspector and this office.

As soon as this office receives the recorded copy of the deed covenant, we will issue our letter for your variance request.

Very truly yours,
James A. Jacobsen
James A. Jacobsen
Wastewater and Plumbing Control
Division of Health Engineering

JAJ/mo
cc:George Soucy, Jr., LPI
Bruce Whitney, SE
Encl.

(Owner: Please complete and record original in Registry of Deeds and submit copy to Local Plumbing Inspector)

(Registrar Please cross-reference with book & page within)

I, We, (_____), Owner(s)
Owner's Name(s)

of the property located at _____
Street Town/City

the deed of which is recorded in Book # _____, page # _____,

hereby acknowledge that the installation of a subsurface sewage disposal system on the aforesaid property required a waiver which has been approved by the State of Maine, Department of Human Services.

The waiver conditions and/or system is restricted as follows:

1. That portion of the property upon which the disposal area is located shall remain at least 11 acres in size. This is required to maintain a valid variance potential score per CMR 241, Section 16.

and is approved subject to the implementation of the above conditions and, in the event of any future failure of the system, to the maintenance, correction, or replacement of said system by the owner of said property at the time of such failure.

Signature(s) _____

State of Maine

(County) ss

Subscribed and sworn to by the above named _____
(and _____) this day of _____,
at _____, Maine.

Before me _____
Notary Public



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

April 30, 1987

Mr. Frank R. Slade
c/o George Soucy, LPI
City Hall
Augusta, ME 04330

Subject: New System Variance approval, Slade property, Leavitt Street,
Augusta

Dear Mr. Slade:

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 10 inches below grade.

The Division approves of the application dated March 29, 1987 by Bruce A. Whitney, SE.

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

George A. 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.

Very truly yours,

James A. Jacobsen
James A. Jacobsen
Wastewater and Plumbing Control
Division of Health Engineering

JAJ/mo

cc: George Soucy Jr., LPI
Bruce Whitney, SE

APR 27 1987

George

(Owner: Please complete and record original in Registry of Deeds and submit copy to Local Plumbing Inspector) **00890.1**

(Registrar Please cross-reference with book & page within)

I, We, (Frank R. and Liane E Slade), Owner(s)
Owner's Name(s)

of the property located at Leavitt Road Augusta, ME
Street Town/City

the deed of which is recorded in Book # 2593, page # 77,

hereby acknowledge that the installation of a subsurface sewage disposal system on the aforesaid property required a waiver which has been approved by the State of Maine, Department of Human Services.

The waiver conditions and/or system is restricted as follows:

- 1. That portion of the property upon which the disposal area is located shall remain at least 11 acres in size. This is required to maintain a valid variance potential score per CMR 241, Section 16.

and is approved subject to the implementation of the above conditions and, in the event of any future failure of the system, to the maintenance, correction, or replacement of said system by the owner of said property at the time of such failure.

Signature(s) *Frank R. Slade*
FRANK R. SLADE
Liane E. Slade
LIANE E. SLADE

State of Maine

(County) ss

Subscribed and sworn to by the above named Frank R. Slade and Liane E. Slade
(and _____) this day of 27th April, 1987,
at Augusta, Maine.

Before me *A. Michael Fodet*
Notary Public
my commission expires 12/8/93

RECEIVED KENNEBEC SS.
1987 APR 27 PM 12:06
RECORDED FROM ORIGINAL



SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: ANGUSTA

Street: LEAVITT ST.

Subdivision Lot #

PROPERTY OWNERS NAME

Last: SLADE First: FRANK R.

Applicant Name: SAME

Mailing Address of Owner/Applicant (if Different): PULLEN ROAD BOX 1216 ANGUSTA, ME.

Caution: Permit Required

The Subsurface Wastewater Disposal System shall not be installed until a Permit is attached here by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and 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.

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.

Local Plumbing Inspector Signature: _____ Date Approved: 9-5-87

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
- Requiring Local Plumbing Inspector Approval
- Requires 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

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

N/A

DISPOSAL SYSTEM TO SERVE:

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

TYPE OF WATER SUPPLY TO BE DRILLED

SIZE OF PROPERTY
12 1/2 AC.

ZONING
LIMITED RESIDENTIAL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1,000 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.)

3 bdrm.

MIN. + 33%

270 + 90 =

55F 19pd

DESIGN FLOW: 360 gpd (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|----------|-----------|
| <u>9</u> | <u>D</u> |

DEPTH TO LIMITING FACTOR: 10

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED 1800 Sq. Ft.
- CHAMBER 900 Sq. Ft.
- TRENCH _____ Linear Ft.
- OTHER _____

SITE EVALUATOR STATEMENT

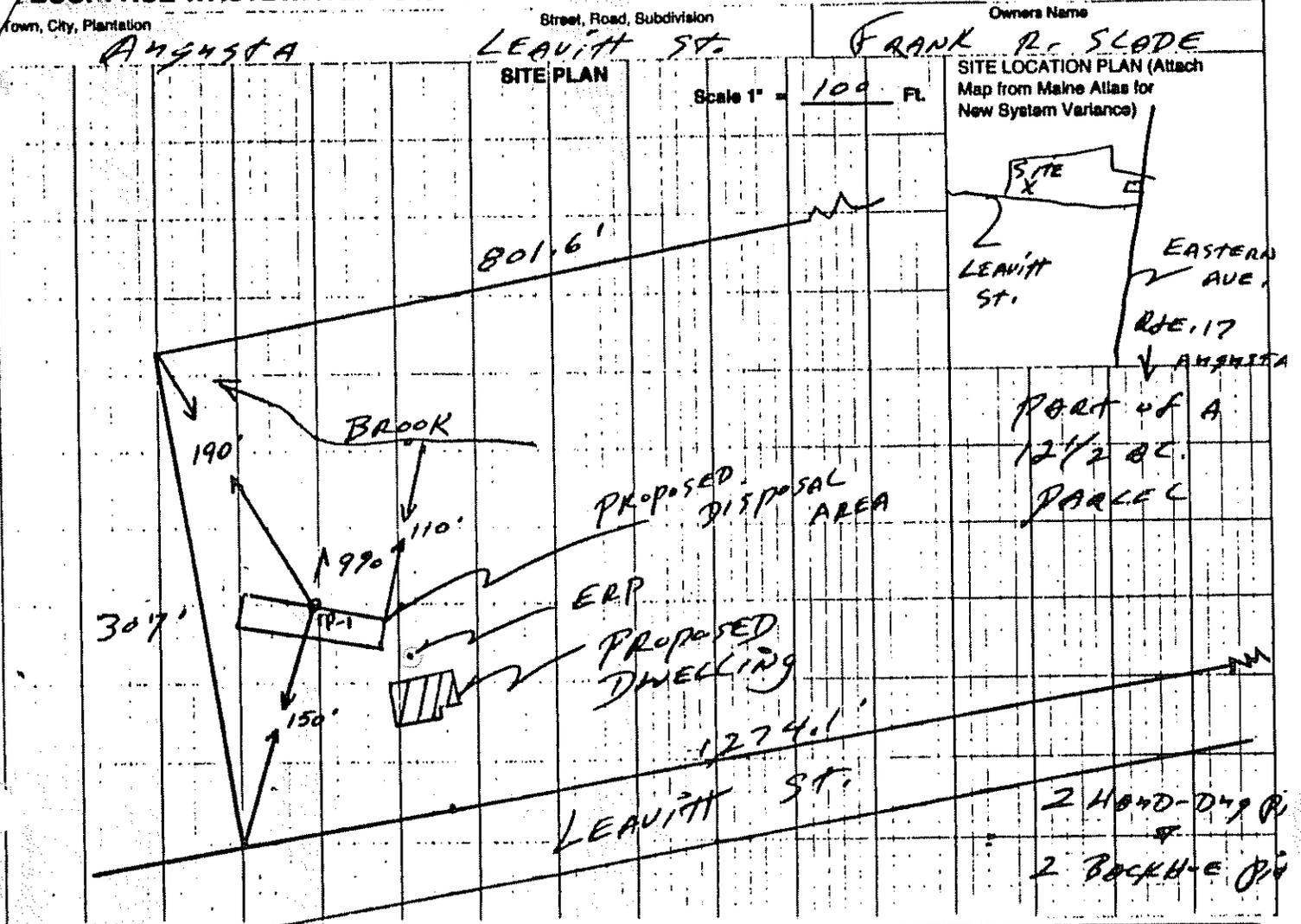
SITE EVALUATION WAIVED BY LOCAL OPTION

On 3-28-87 (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 Signature: Brown SE#: 089 Date: 3-29-87

GROUND SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-1 Test Pit Boring

* Depth of Organic Horizon Above Mineral Soil

| Texture | Consistency | Color | Mottling |
|-------------------|-------------|-----------------|----------|
| 0-6" SILT | FRIABLE | BROWN | |
| 6-10" LOAM | | YELLOWISH BROWN | |
| 10-15" SILTY CLAY | DENSE | GRAY | EMO |
| 15-20" CLAY | LACUNSTRATE | | GLYED |
| 20-50" CLAY | | SCANTIC SERIES | |

Soil Profile: 9
 Classification: D Condition
 Slope: 2 %
 Limiting Factor: 10

Ground Water
 Restrictive Layer
 Bedrock

Observation Hole _____ Test Pit Boring

* Depth of Organic Horizon Above Mineral Soil

| Texture | Consistency | Color | Mottling |
|--------------|-------------|-------|----------|
| 0-6" _____ | | | |
| 6-10" _____ | | | |
| 10-15" _____ | | | |
| 15-20" _____ | | | |
| 20-30" _____ | | | |
| 30-40" _____ | | | |
| 40-50" _____ | | | |

Soil Profile: _____
 Classification: _____ Condition
 Slope: _____ %
 Limiting Factor: _____

Ground Water
 Restrictive Layer
 Bedrock

Barbara Anthony
 Site Evaluator Signature

089
 SC #

3-29-87
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

Augusta

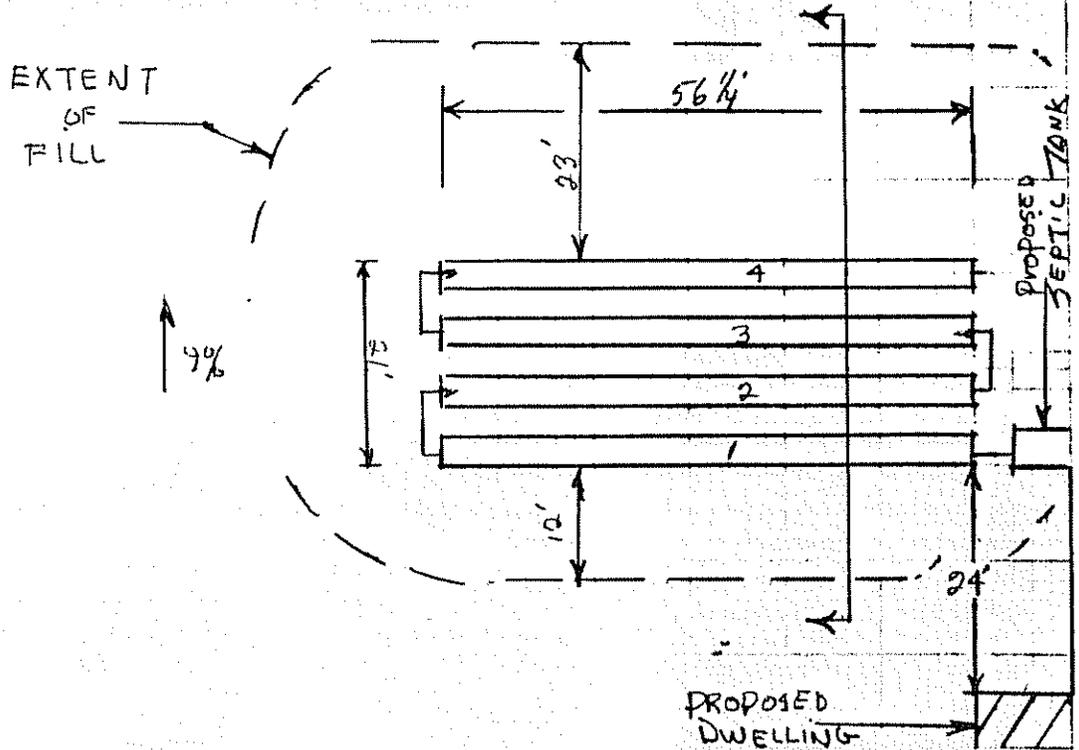
SEAVITT ST

Frank R. SCADÉ

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.

- 36 INFILTRATORS
- 4 ROWS WITH 9 EA. ROW -



FILL REQUIREMENTS

Depth of Fill (Upslope) 35"
Depth of Fill (Downslope) 38"

CONSTRUCTION ELEVATIONS

Reference Elevation is 103'02"
Bottom of Disposal Area SEE FIELD
Top of Distribution Lines or Chambers SEE FIELD

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

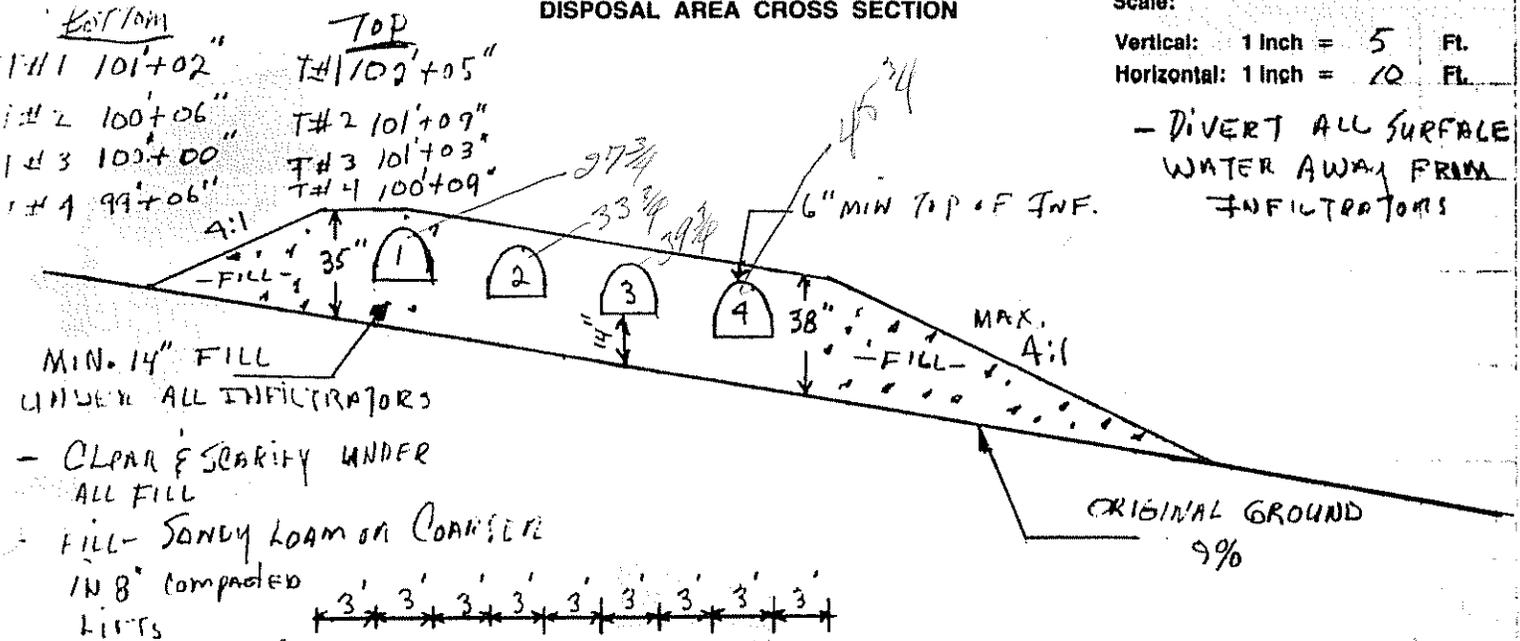
ERP STAKED MARKED BLUE
O 103+02"

Scale:

Vertical: 1 Inch = 5' Ft.
Horizontal: 1 Inch = 10' Ft.

- DIVERT ALL SURFACE WATER AWAY FROM INFILTRATORS

DISPOSAL AREA CROSS SECTION



MIN. 14" FILL UNDER ALL INFILTRATORS

- CLEAR & SECURE UNDER ALL FILL

- FILL - SANDY LOAM OR COARSE SAND
18" compacted lifts

Blankin
Site Evaluator Signature

089
SE#

6/12/87
Date

REVISED 4/2/87
Page 3 of 3
HHE-200 Rev. 1/84

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 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.

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 SOIL IS UNDERLAIN BY DENSE CLAY - TYPICAL OF THE AUSTIN AREA - HAS A SEASONAL PERCHED WATER TABLE AT 10" FROM SURFACE - LOT IS 12 1/2 AC. - SYSTEM OVERDESIGNED BOTH IN SIZE & FILL FACTORS. POTENTIAL FOR VARIANCE APPROVAL IS MARGINAL.

(Attach additional sheets, if needed)

I, BRYCE A. WHITNEY, 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.

Bryce A. Whitney
 Signature of Site Evaluator

3-29-07
 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.

Municipal Officer's Signature

Officer Title

Date

Municipal Officer's Signature

Officer Title

Date

Municipal Officer's Signature

Officer Title

Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

Augusta

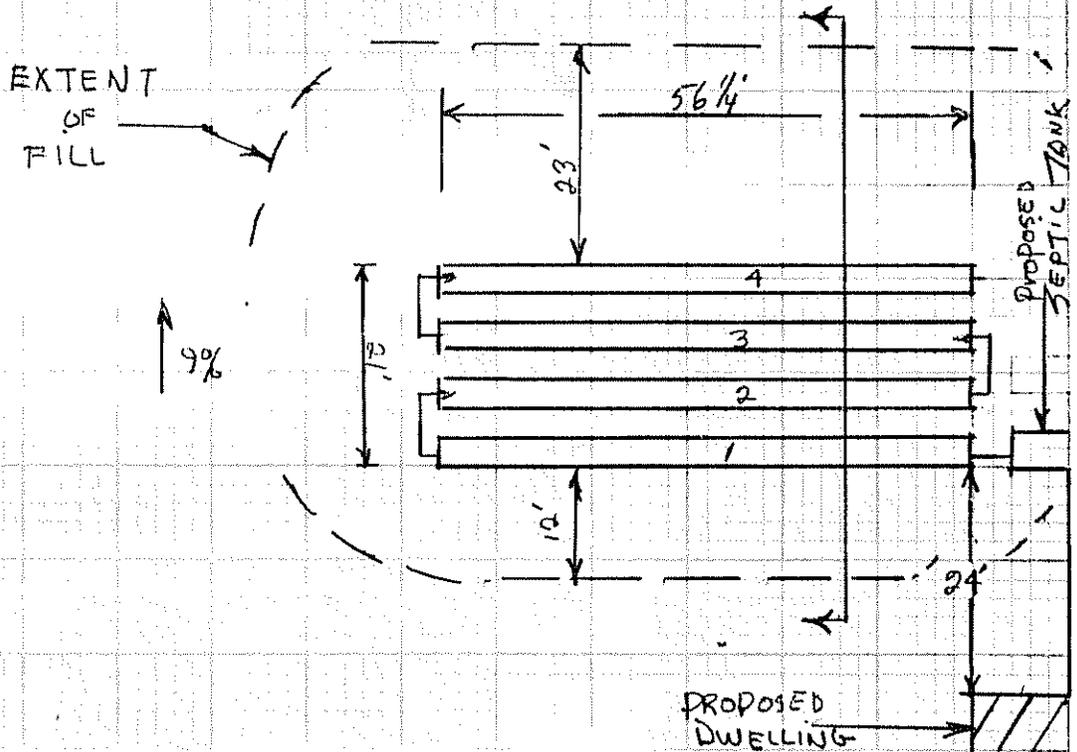
Leavitt St

Frank R. Scade

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

- 36 INFILTRATORS
4 Rows with 9 EA. ROW -



FILL REQUIREMENTS

Depth of Fill (Upslope) 35"
Depth of Fill (Downslope) 38"

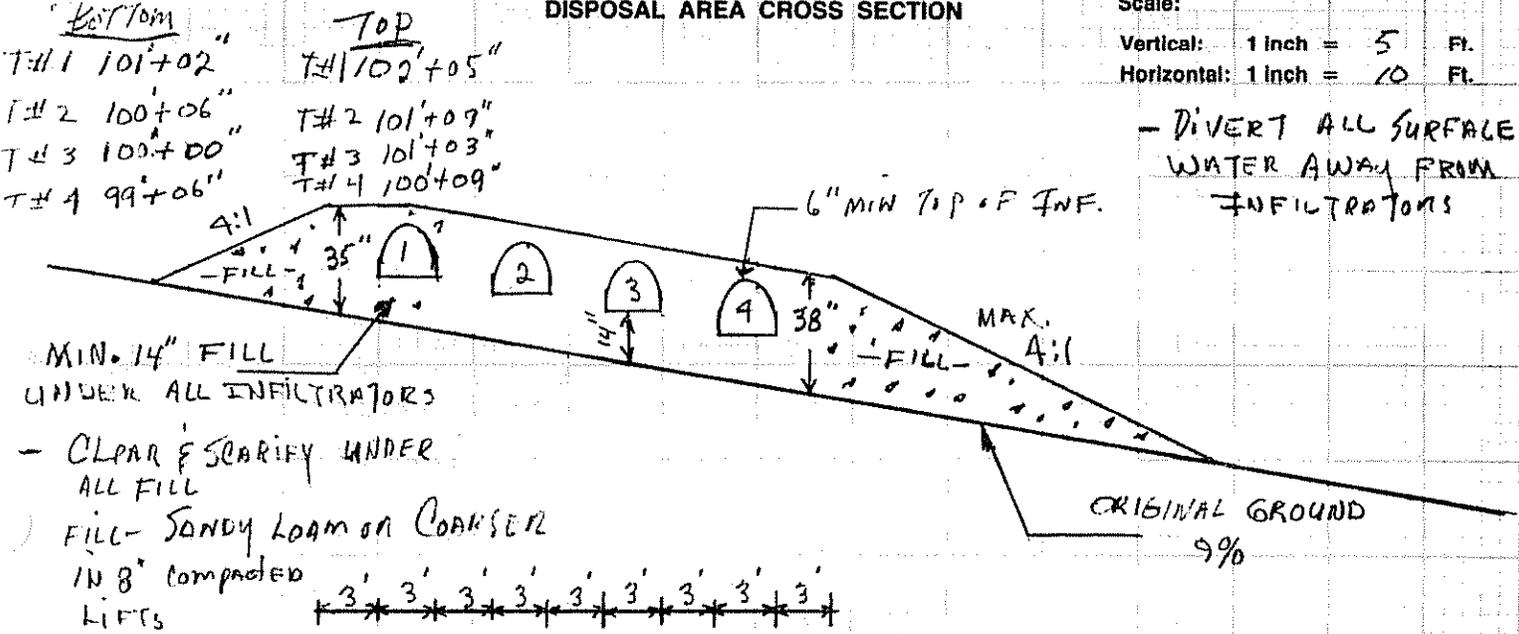
CONSTRUCTION ELEVATIONS

Reference Elevation is 103'02"
Bottom of Disposal Area SEE BELOW
Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT

LOCATION & DESCRIPTION
ERP STAKED MARKED BLUE
@ 103'02" =

DISPOSAL AREA CROSS SECTION



Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 10 Ft.

- DIVERT ALL SURFACE WATER AWAY FROM INFILTRATORS

MIN. 14" FILL UNDER ALL INFILTRATORS

- CLEAR & SCARIFY UNDER ALL FILL

FILL - SANDY LOAM OR COARSE SAND
IN 8" COMPACTED LIFTS

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Planning

Street, Road, Subdivision

Owners Name

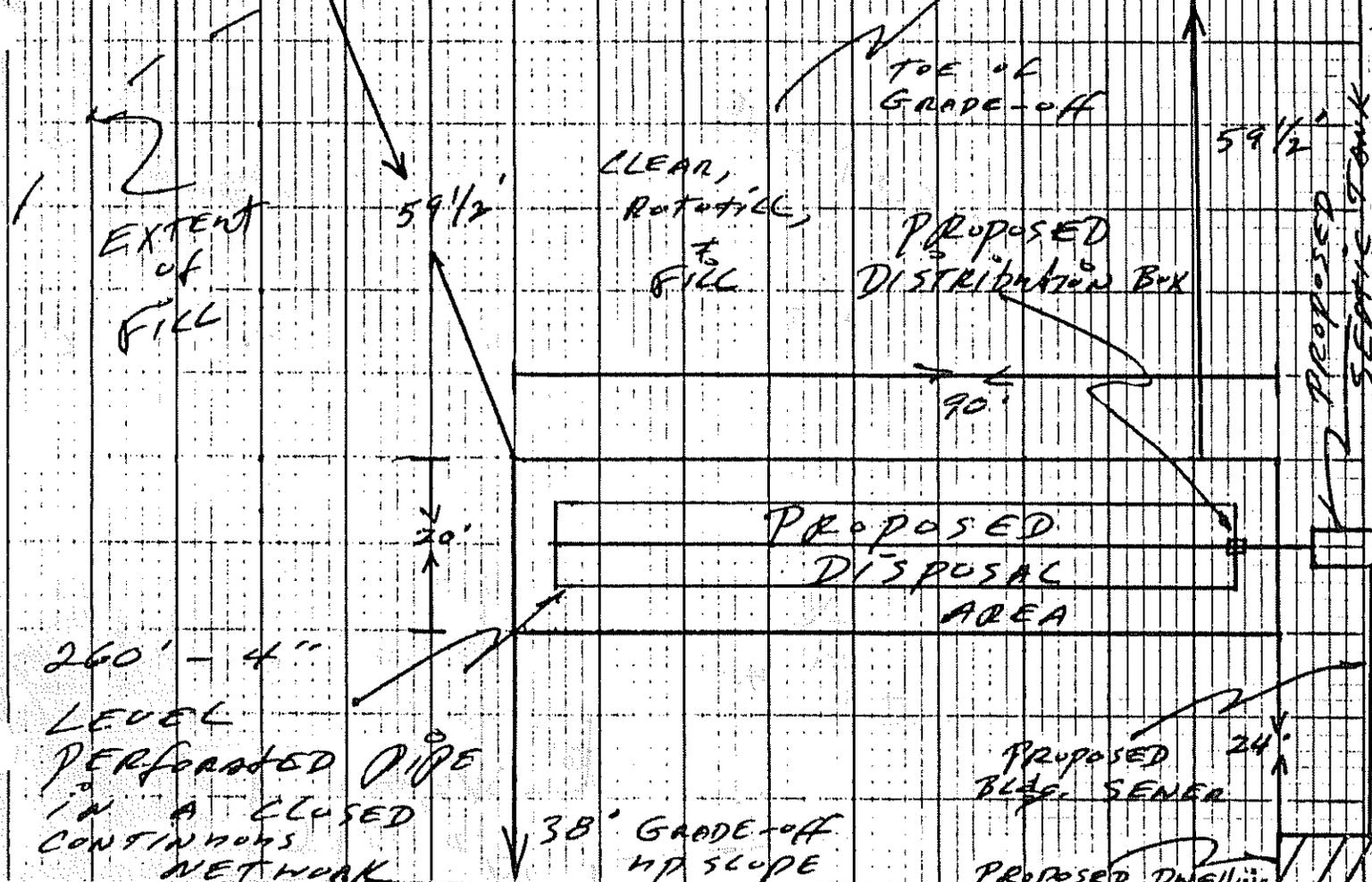
Augusta

LEAVITT ST.

FRANK R. SLODE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' F.



260' - 4"
LEVEL PERFORATED PIPE
IN A CLOSED CONTINUOUS NETWORK

FILL REQUIREMENTS

Depth of Fill (Upslope) 38'
Depth of Fill (Downslope) 59 1/2'

CONSTRUCTION ELEVATIONS

Reference Elevation is 103' + 02"
Bottom of Disposal Area 101' + 02"
Top of Distribution Lines or Chambers 102' + 02"

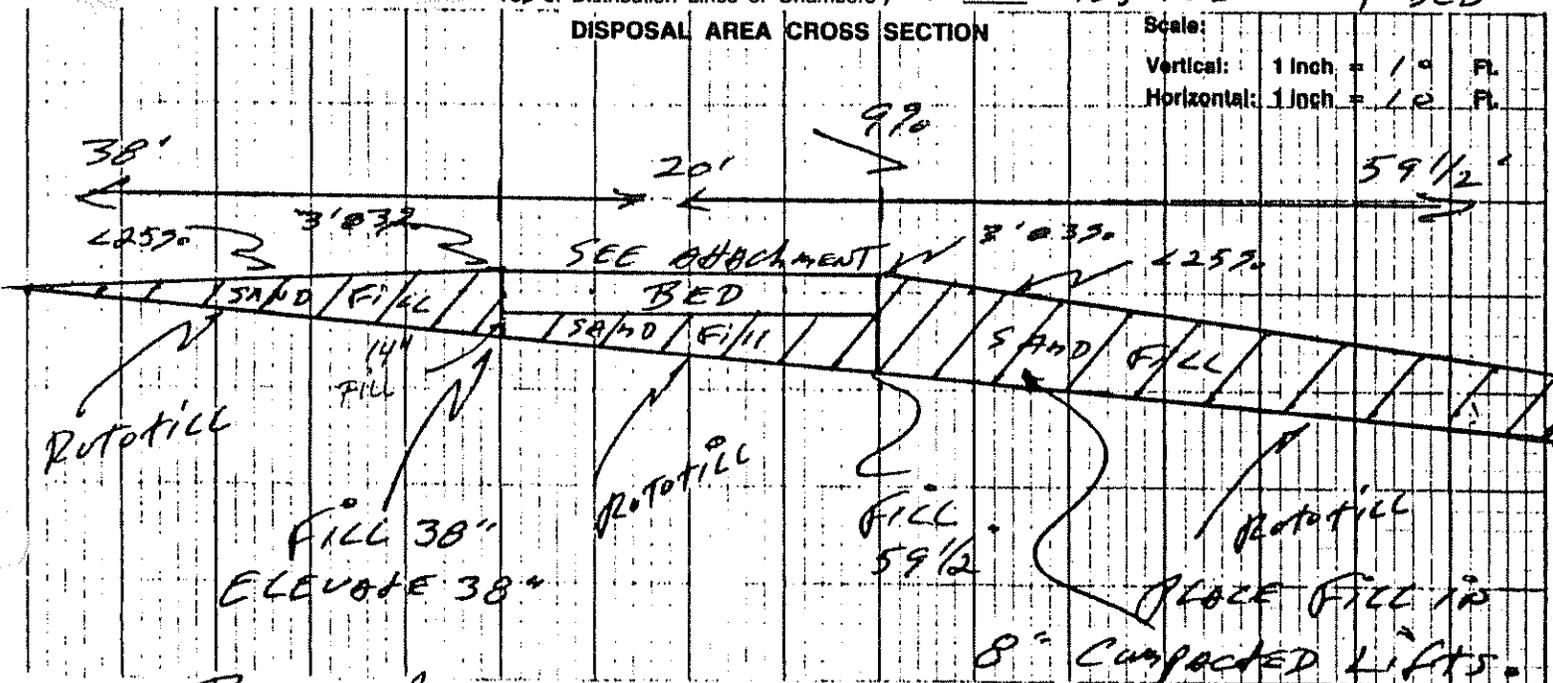
ELEVATION REFERENCE POINT

103' + 02" ELP LOCATION & DESCRIPTION
101' + 02" STAKE MARKED BLUE
102' + 02" 103' + 02" = TOP BED

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 1' F.
Horizontal: 1 inch = 12' F.

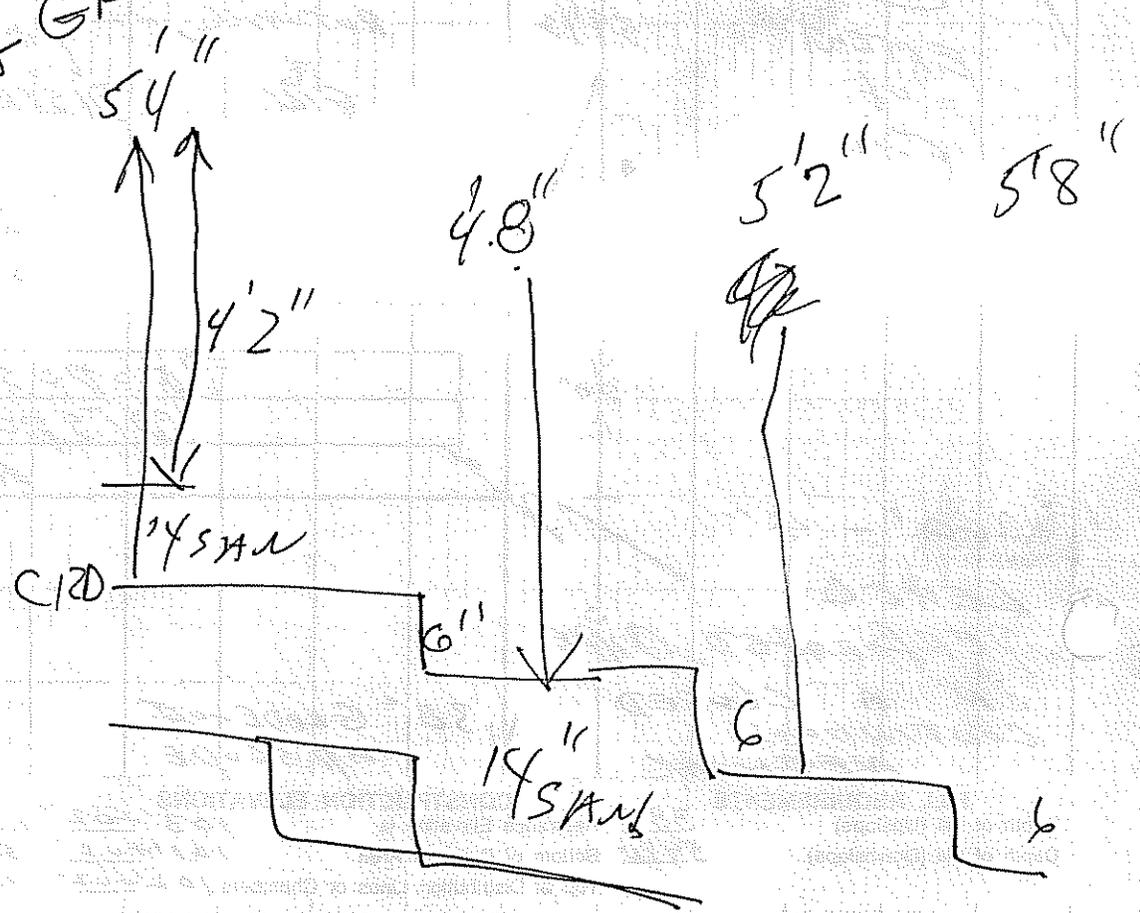


[Signature]
Site Evaluator Signature

089
SE#

3-29-87
Date

5' 4" ORIG GRD Level



ECO-TEC, Inc.

(207) 582-2383
1-800-544-6411

Rt. #1, Box 2640
Litchfield, ME 04350

Office Location:
Indiana Road, West Gardiner

July 17, 1987

Bruce Whitney
Box 2400
Anson, Maine 04911

Subject: Frank R. Slade Property,
Leavitt Road, Augusta, ME

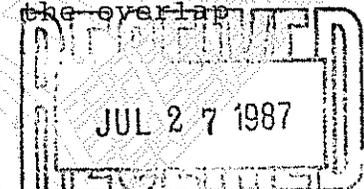
Dear Mr. Whitney:

Mr. George Soucy, Jr.-Local Plumbing Inspector and I met with the owner, MR. Frank R. Slade at the property yesterday at the request of Steve Allen. Our inspection showed that at the very western end of the system the following amounts of fill were placed between the bottom of the Infiltrators and the original ground: Row 1-14", Row 2-13", Row 3-12", Row 4-10". However, at the eastern end of the system all rows had more than 30" of fill under the Infiltrators.. The design called for 14" of fill. It also appeared that under the very eastern end of the system that some of the original ground had not been scarified. Mr. Slade stated that he did observe the grass and organic layer being removed under the system. Mr. Soucy and I both explained to Mr. Slade how critical the scarification is to a properly functioning system. The fill extensions on the east, west and south sides had not been placed nor had they been scarified.

Health Engineering's approval letter of April 30, 1987 stated that Mr. Whitney shall be retained to establish the system location and elevation. Although this was not done and the elevation reference point had been knocked down during the construction of the building, other than the afore mentioned difference in fill the grades and location are as proposed. In view of this and the fact that overall there is substantially more fill under the system than the plan required and there is a minimum 20" separation distance from the bottom of the system to the seasonal High Water table (12" required by code), I recommend this system be approved with the following conditions:

- 1) The area under the fill extensions be rototilled before the fill is placed.
- 2) The joints between the Infiltrators be checked before backfilling and hay or appropriate material be used to cover the small holes in the overlap where necessary.

Exclusive Maine & New Hampshire
Distributor for The Infiltrator



ECO-TEC, Inc.

(207) 582-2383
1-800-544-6411

Rt. #1, Box 2640
Litchfield, ME 04350

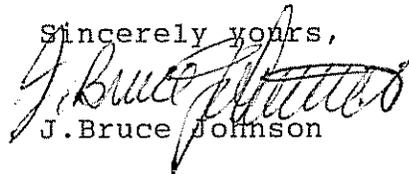
Office Location:
Indiana Road, West Gardiner

Bruce Whitney
Page 2
July 17, 1987

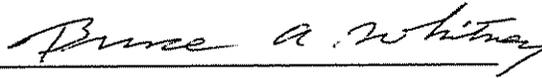
- 3) Mr. Slade accepts the responsibility that the topsoil was properly removed and scarified under the system.

Mr. Soucy asked that if you concur with these recommendations, that you so note by your signature below. If you have any questions, please let me know.

Sincerely yours,


J. Bruce Johnson

I concur with the recommendation of this letter.



Bruce Whitney

cc: George Soucy, Jr.
Steve Allen
Frank Slade

JBW/lrm

Exclusive Maine & New Hampshire
Distributor for The Infiltrator

