

REPLACEMENT SYSTEM VARIANCE REQUEST

Year

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application for the proposed replacement system which does not comply with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System from the rules.
2. A system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

93-5

GENERAL INFORMATION

Permit No. 1347 E Town of Augusta
Date Permit Issued 6-15-88 MONTH/DAY/YEAR
Property Owner's Name: Patrick Pelletier Tel. No. 622-6081
System's Location: 13 Forest AVE. STREET
Augusta TOWN Maine 04330 ZIP
Property Owner's Address: Same STREET
(if different from above) TOWN STATE ZIP

SPECIFIC INSTRUCTIONS TO THE:

LPI:

If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, they you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:

If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:

It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The OWNER shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

Patrick R. Pelletier
PROPERTY OWNER'S SIGNATURE

6/11/88
DATE

VARIANCE CATEGORY	VARIANCE REQUESTED	LIMIT OF LPI'S APPROVAL AUTHORITY		VARIANCE REQUESTED TO:	
SOILS Soil Profile Soil Condition from HHE-200	Ground Water Table	to 6"		6'-10" inches	
	Restrictive Layer	to 6"		inches	
	Bedrock	to 10"		inches	
SETBACK DISTANCES (IN FEET)	FROM:	TREATMENT TANK	DISPOSAL AREA	TREATMENT TANK	DISPOSAL AREA
Potable Water Supplies	1. Well: > 2000 gal/day	100 ^a	300 ^a		
	2. Well: < 2000 gal/day				
	a. Neighbor's	50 ^b	60 ^b		
	b. Property Owner's	25'	50'		
	3. Water Supply Line	See note 'a'			
Waterbodies	1. Perennial	50'	60'		
	2. Intermittent	15'	20'		
	3. Manmade drainage ditch	10'	15'		
Downhill Slope	Greater than 3:1 (33%)	5 ^c	10 ^c		
Buildings	1. With Basement	5'	10'		
	2. Without Basement	5'	10'		
Property Line		4'	5'		

OTHER

1. Fill extension Grade—to 3:1

2. Install system partially over silt loam fill

3. Install New Disposal in area of Existing Disposal Area

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 feet but closer to that well than the system it is replacing.
- c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

David P. Roague
SITE EVALUATOR'S SIGNATURE

6/11/88
DATE

LPI STATEMENT

I, George A. Smyth Jr., LPI for the Town of Agawam have conducted an on-site inspection for the proposed replacement system and have determined to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Wastewater Disposal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant.

—OR—

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: _____

George A. Smyth Jr.
LPI'S SIGNATURE

6-15-88
DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

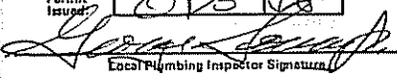
Burt M. Carthy WNW & PC
SIGNATURE OF THE DEPARTMENT

JUNE 15, 1988
DATE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS	
Town Or Plantation	Augusta
Street Subdivision Lot #	Forest AVE. (13)
PROPERTY OWNERS NAME	
Last:	Patletier
First:	Patrick
Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	13 Forest Ave. Augusta, Me. 04330

AUGUSTA	PERMIT # 1,347	TOWN COPY
Date Permit Issued: 6/15/88	FEE \$ 500.00	<input type="checkbox"/> If Double Fee Charged
 Local Plumbing Inspector Signature		L.P.I. # 808

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.

Patrick R. Pelletier 6/11/88
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.

Mary F. Fuller 6-25-88
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION		
<p>THIS APPLICATION IS FOR:</p> <p>1. <input type="checkbox"/> NEW SYSTEM 2. <input checked="" type="checkbox"/> REPLACEMENT SYSTEM 3. <input type="checkbox"/> EXPANDED SYSTEM 4. <input type="checkbox"/> EXPERIMENTAL SYSTEM</p> <p>SEASONAL CONVERSION to be completed by the LPI</p> <p>5. <input type="checkbox"/> SYSTEM COMPLIES WITH RULES 6. <input type="checkbox"/> CONNECTED TO SANITARY SEWER 7. <input type="checkbox"/> SYSTEM INSTALLED - P# _____ 8. <input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED</p> <p>IF REPLACEMENT SYSTEM: YEAR FAILING SYSTEM INSTALLED 1973 THE FAILING SYSTEM IS: 1. <input type="checkbox"/> BED 3. <input checked="" type="checkbox"/> TRENCH 2. <input type="checkbox"/> CHAMBER 4. <input type="checkbox"/> OTHER: _____</p> <p>SIZE OF PROPERTY 22,000 sq' ZONING Residential</p>	<p>THIS APPLICATION REQUIRES:</p> <p>1. <input type="checkbox"/> NO RULE VARIANCE 2. <input type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form 3. <input checked="" type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form a. <input type="checkbox"/> Requiring Local Plumbing Inspector Approval b. <input checked="" type="checkbox"/> Requires State and Local Plumbing Inspector Approval 4. <input type="checkbox"/> MINIMUM LOT SIZE VARIANCE</p> <p>DISPOSAL SYSTEM TO SERVE:</p> <p>1. <input checked="" type="checkbox"/> SINGLE FAMILY DWELLING 2. <input type="checkbox"/> MODULAR OR MOBILE HOME 3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING 4. <input type="checkbox"/> OTHER _____ SPECIFY _____</p>	<p>INSTALLATION IS:</p> <p>COMPLETE SYSTEM</p> <p>1. <input type="checkbox"/> NON-ENGINEERED SYSTEM 2. <input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet) 3. <input type="checkbox"/> ENGINEERED (+ 2000 gpd)</p> <p>INDIVIDUALLY INSTALLED COMPONENTS:</p> <p>4. <input type="checkbox"/> TREATMENT TANK (ONLY) 5. <input type="checkbox"/> HOLDING TANK _____ GAL 6. <input type="checkbox"/> ALTERNATIVE TOILET (ONLY) 7. <input checked="" type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY) 8. <input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY) 9. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</p> <p>TYPE OF WATER SUPPLY Public Water</p>

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
<p>TREATMENT TANK</p> <p>1. <input type="checkbox"/> SEPTIC: <input type="checkbox"/> Regular <input type="checkbox"/> Low Profile 2. <input type="checkbox"/> AEROBIC USE Existing SIZE: 1000 Gal. GALS.</p>	<p>WATER CONSERVATION</p> <p>1. <input checked="" type="checkbox"/> NONE 2. <input type="checkbox"/> LOW VOLUME TOILET 3. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM 4. <input type="checkbox"/> ALTERNATIVE TOILET SPECIFY: _____</p>	<p>PUMPING</p> <p>1. <input type="checkbox"/> NOT REQUIRED 2. <input type="checkbox"/> MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION) 3. <input checked="" type="checkbox"/> REQUIRED DOSE: 45 GALS.</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</p> <p>4 Bedroom Home - Minimum Design Flow</p>
<p>SOIL CONDITIONS USED FOR DESIGN PURPOSES</p> <p>PROFILE CONDITION Deep fill over 8D DEPTH TO LIMITING FACTOR: 6"-10" in original</p>	<p>SIZE RATINGS USED FOR DESIGN PURPOSES</p> <p>1. <input type="checkbox"/> SMALL 2. <input type="checkbox"/> MEDIUM 3. <input type="checkbox"/> MEDIUM-LARGE 4. <input checked="" type="checkbox"/> LARGE 5. <input type="checkbox"/> EXTRA LARGE</p>	<p>DISPOSAL AREA TYPE/SIZE</p> <p>1. <input type="checkbox"/> BED _____ Sq. Ft. 2. <input checked="" type="checkbox"/> CHAMBER 720 Sq. Ft. <input type="checkbox"/> REGULAR <input type="checkbox"/> H-20 3. <input type="checkbox"/> TRENCH _____ Linear Ft. 4. <input type="checkbox"/> OTHER: _____</p>	<p>DESIGN FLOW: 360 (GALLONS/DAY)</p>

SITE EVALUATOR STATEMENT

On 6/11/88 (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.

David P. Roague 154 6/11/88
Site Evaluator Signature SE# Date

Infiltrator 5

(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

13 Forest AVE.

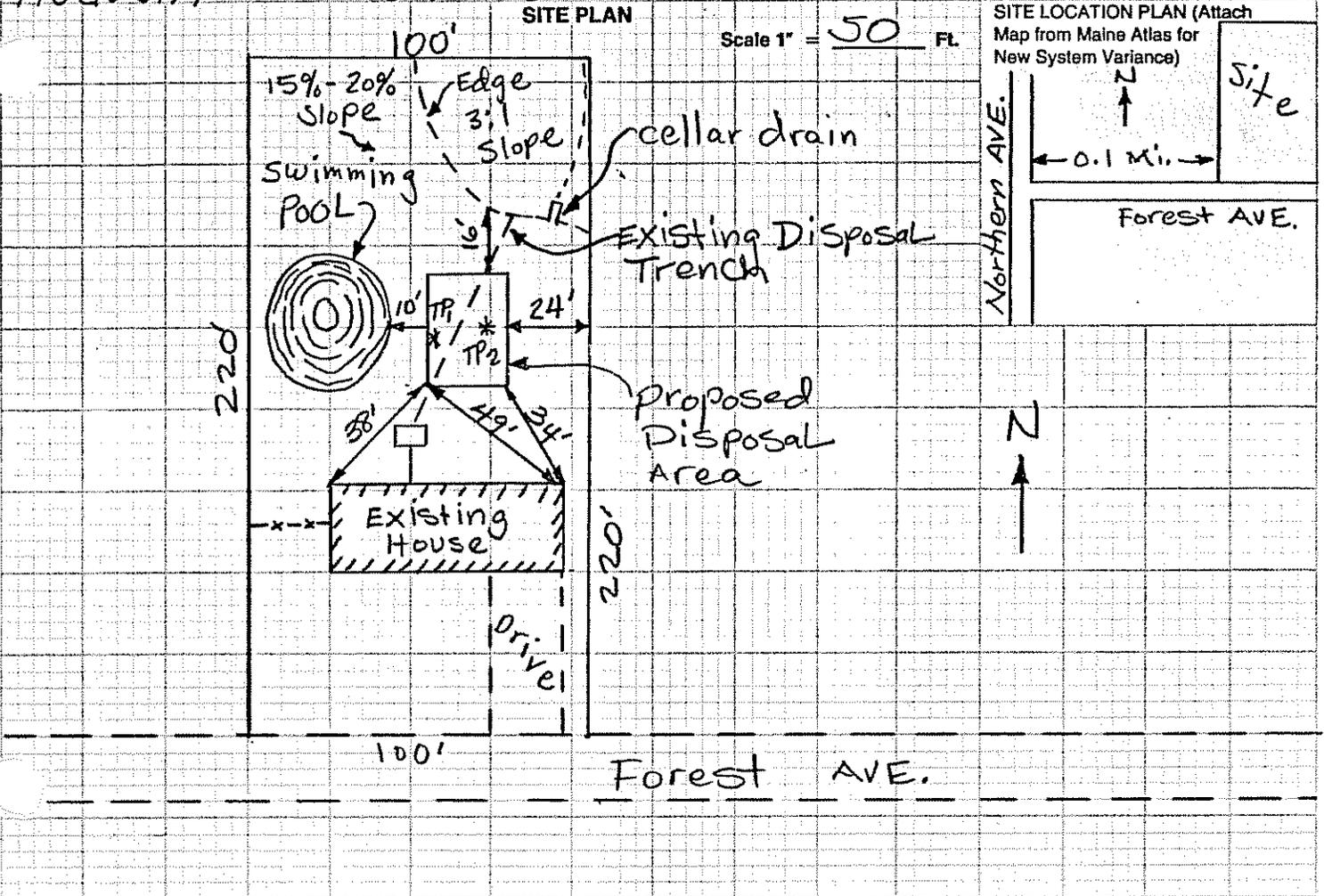
Patrick Pelletier

SITE PLAN

Scale 1" = 50 FL.

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
 0" Depth of Organic Horizon Above Mineral Soil

Observation Hole 2 Test Pit Boring
 0" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	FILL	Friable	Dark	
6	sandy loam,	to	Brown	
10	silt loam	Very	mixed	Mixed
15	loam	Firm		colors
20	silty clay			due to
30				Fill
40	Very fine sandy loam to silt loam	Somewhat Firm to Firm	yellow Brn Olive	common distinct
50				

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	SILT	Friable	Mixed	
6	loam	to	Dark	No
10	Fill	Some	Brown	Drainage
15	to	what	to	Mottles
20	Fine	Firm	Brown	observed
30	Sandy loam	to Firm		
40				
50				

Soil Profile Fill over S Classification over S Slope 5-7 % Limiting Factor 7 Ground Water Restrictive Layer Bedrock

Soil Profile Fill Classification Fill Slope 5-7 % Limiting Factor --- Ground Water Restrictive Layer Bedrock

David P. Rogge
Site Evaluator Signature

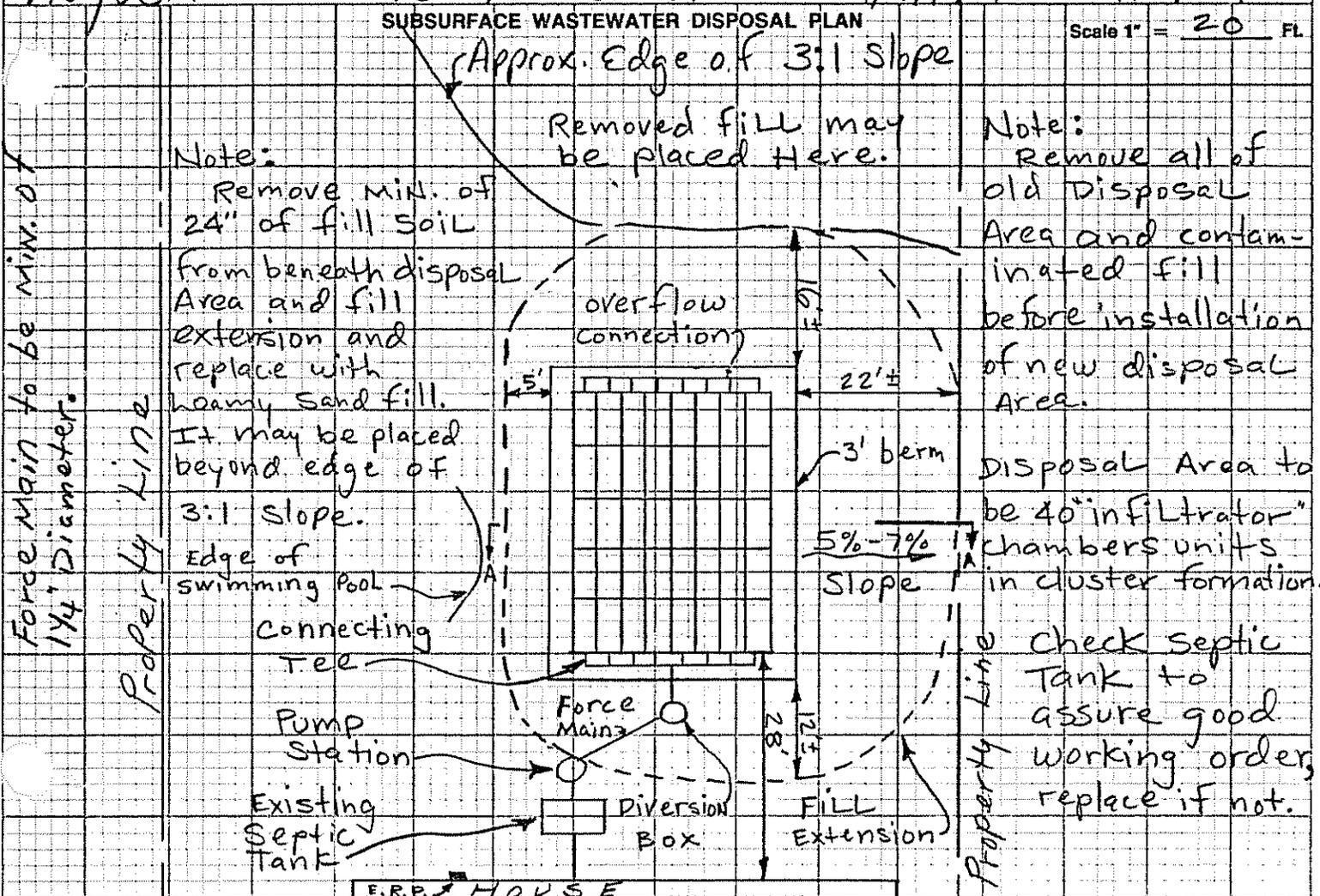
154
SE#

6/11/88
Date

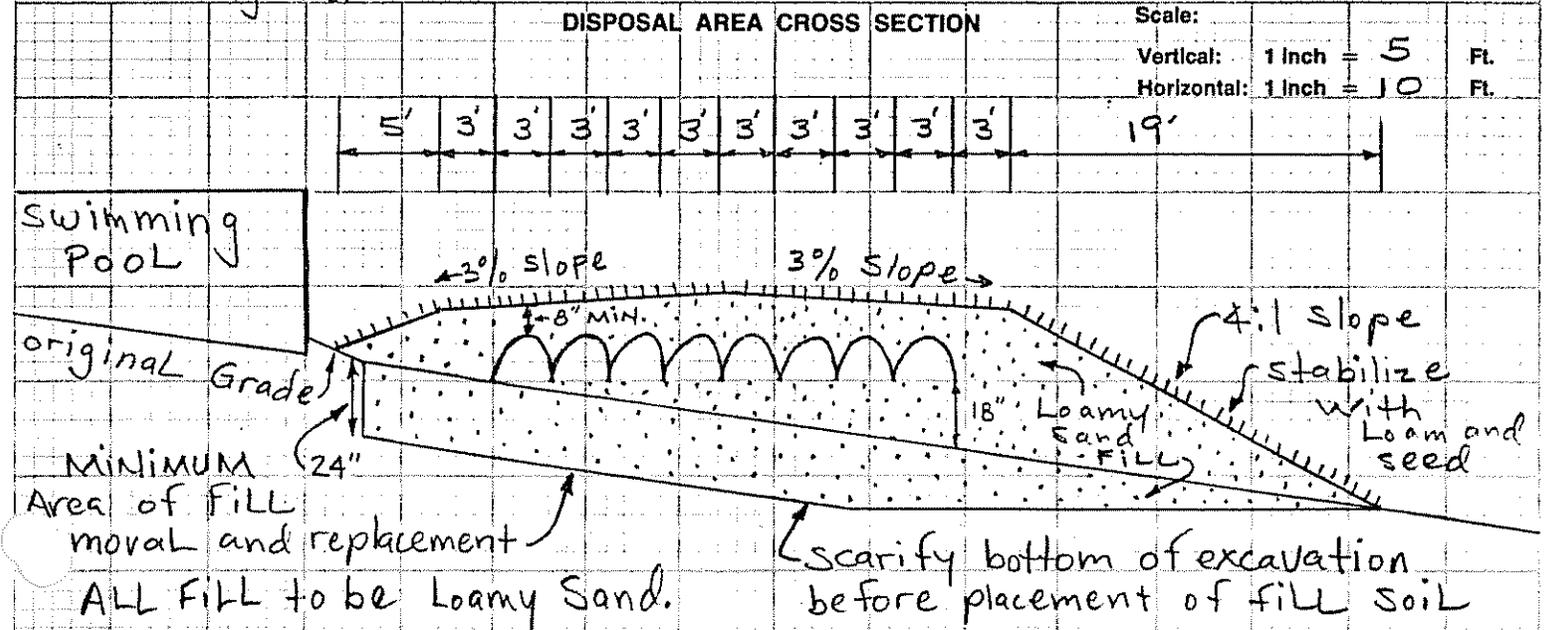
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta Street, Road, Subdivision: 13 Forest AVE. Owners Name: Patrick Pelletier

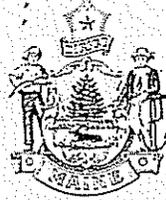


FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope) <u>24"-27"</u>	Reference Elevation is <u>0"</u>	TOP edge of elec. outlet
Depth of Fill (Downslope) <u>37"-47"</u>	Bottom of Disposal Area <u>-39"</u>	on outside of house.
above existing Grade	Top of Distribution Lines or Chambers <u>-24"</u>	



David P. Roogue 154 6/11/88
Site Evaluator Signature SE# Date

Page 3 of 3
HHE-200 Rev.1/84



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

August 12, 1991

Mr. Patrick Pelletier
13 Forest Avenue
Augusta, ME 04330

SUBJECT: Division review of failing chamber cluster, Patrick Pelletier property, 13 Forest Avenue, Augusta

Dear Mr. Pelletier:

The Division's onsite investigation into probable causes for the failure of your wastewater disposal system determined the following:

The plastic chamber cluster appeared to have reached its maximum hydraulic capacity and the immediate disposal area was unable to accept and treat the effluent at the designed acceptance rate.

The disposal system appears to have been designed meeting at least the minimum design parameters set forth in the Rules. From my limited observations, (limited by what I could visually evaluate) the system was constructed in compliance with the designer's specifications.

In my opinion, the primary cause for the disposal area's premature failure was due to the restrictive property of the soil material immediately below the chamber disposal area. This restrictive or semi-impervious soil characteristic could be attributed to either the physical compaction of the soil or a chemical reaction of the wastewater effluent and the soil beneath chamber cluster.

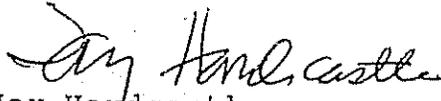
Mr. Patrick Pelletier
August 12, 1991
Page 2

Although, it does not appear that the soil's restrictive nature was the result of physical compaction by the installer's equipment, evidenced by your snapshots which do not show any heavy equipment in the immediate disposal area during the system's construction. This leaves the possibility of a chemical reaction which may have occurred, causing the cementation of soil particles, thereby partially restricting the down movement (flow) of wastewater effluent and its dispersal through out the soil medium.

It is my understanding that the system's designer, Mr. Rocque, will or has furnished you with a list of alternatives to repair the disposal area.

Should you or others have any questions regarding this report, please call or write me at this Division.

Very truly yours,

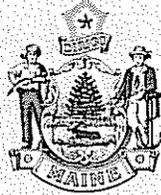


Jay Hardcastle
Wastewater & Plumbing Control
Division of Health Engineering

JH/sw

cc: George Soucy, LPI
David Rocque, SE

John R. McKernan, Jr.
Governor



STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

August 12, 1991

Mr. Patrick Pelletier
13 Forest Avenue
Augusta, ME 04330

SUBJECT: Division review of failing chamber cluster, Patrick Pelletier property, 13 Forest Avenue, Augusta

Dear Mr. Pelletier:

The Division's onsite investigation into probable causes for the failure of your wastewater disposal system determined the following:

The plastic chamber cluster appeared to have reached its maximum hydraulic capacity and the immediate disposal area was unable to accept and treat the effluent at the designed acceptance rate.

The disposal system appears to have been designed meeting at least the minimum design parameters set forth in the Rules. From my limited observations, (limited by what I could visually evaluate) the system was constructed in compliance with the designer's specifications.

In my opinion, the primary cause for the disposal area's premature failure was due to the restrictive property of the soil material immediately below the chamber disposal area. This restrictive or semi-impervious soil characteristic could be attributed to either the physical compaction of the soil or a chemical reaction of the wastewater effluent and the soil beneath chamber cluster.

Mr. Patrick Pelletier
August 12, 1991
Page 2

Although, it does not appear that the soil's restrictive nature was the result of physical compaction by the installer's equipment, evidenced by your snapshots which do not show any heavy equipment in the immediate disposal area during the system's construction. This leaves the possibility of a chemical reaction which may have occurred, causing the cementation of soil particles, thereby partially restricting the down movement (flow) of wastewater effluent and its dispersal through out the soil medium.

It is my understanding that the system's designer, Mr. Rocque, will or has furnished you with a list of alternatives to repair the disposal area.

Should you or others have any questions regarding this report, please call or write me at this Division:

Very truly yours,


Jay Hardcastle
Wastewater & Plumbing Control
Division of Health Engineering

JH/ew

cc: George Soucy, LPI ✓
David Rocque, SE

~~17500~~

13500

100980 ÷ 352 ~~12986~~

AUGUSTA WATER DISTRICT AUGUSTA MAINE

DATE	METER READING	CONSUMPTION	REMARKS
3-16-92	356	3300	✓
12-16-91	323	3300	✓
9-16-91	290	3900	✓
6-17-91	251	3000	✓
3-18-91	221	4000	
12-17-90	181	4600	
9-17-90	135	4500	
6-18-90	090	4900	
3-19-90	041	4100	
12-19-89	000	4100	
9-18-89	959	FROM PREVIOUS BOOK 3800	

DATE SET	METER RECORD NUMBER	SIZE	DATE OUT	REASON
03-77	R4263	1	3/20/91	Clear "test"
2/20/91	" "	"		REMOTE MTR 829736

BILL TO PATRICK PELLETIER
13 FOREST AVE.
AUGUSTA, ME. 04330

54.0

PREMISES AT
13 FOREST AVE.

ACCOUNT NO.

5 000556

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application for the proposed replacement system which does not comply with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System from the rules.
2. A system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

93-5

GENERAL INFORMATION

Amending permit #1347 issued 8-15-88 do not EC failure of system. Mutual agreement with Police Dept. H.E. 2004

Permit No. _____ Town of Augusta
Date Permit Issued _____ MONTH/DAY/YEAR

Property Owner's Name: Patrick Pelletier Tel. No. 622-6082

System's Location: 13 Forest AVE. STREET
AUGUSTA TOWN Maine 04330 ZIP

Property Owner's Address: SAME STREET
(if different from above) SAME TOWN STATE ZIP

SPECIFIC INSTRUCTIONS TO THE:

LPI:

If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, they you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:

If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:

It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The OWNER shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

PROPERTY OWNER'S SIGNATURE

DATE

VARIANCE CATEGORY	VARIANCE REQUESTED	LIMIT OF LPI'S APPROVAL AUTHORITY		VARIANCE REQUESTED TO:	
SOILS					
Soil Profile	Ground Water Table	to 6"		6"-10" inches	
Soil Condition	Restrictive Layer	to 6"		6"-10" inches	
from HHE-200	Bedrock	to 10"		inches	
SETBACK DISTANCES (IN FEET)	FROM:	TREATMENT TANK	DISPOSAL AREA	TREATMENT TANK	DISPOSAL AREA
Potable Water Supplies	1. Well: > 2000 gal/day	100 ^a	300 ^a		
	2. Well: < 2000 gal/day				
	a. Neighbor's	50 ^b	60 ^b		
	b. Property Owner's	25'	50'		
	3. Water Supply Line	See note 'a'			
Waterbodies	1. Perennial	50'	60'		
	2. Intermittent	15'	20'		
	3. Manmade drainage ditch	10'	15'		
Downhill Slope	Greater than 3:1 (33%)	5 ^c	10 ^c		
Buildings	1. With Basement	5'	10'		
	2. Without Basement	5'	10'		
Property Line		4'	5'		

OTHER

1. Fill extension Grade—to 3:1

2. Install system partially over SILT Loam Fill

3. Install system in Area of Existing Disposal Area

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 feet but closer to that well than the system it is replacing.
- c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

Revised 11/20/93

David P. Roague
SITE EVALUATOR'S SIGNATURE

6/11/88
DATE

LPI STATEMENT

I, _____, LPI for the Town of _____ have conducted an on-site inspection for the proposed replacement system and have determined to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Wastewater Disposal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant.

—OR—

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: _____

LPI'S SIGNATURE

DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT

DATE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

AUGUSTA

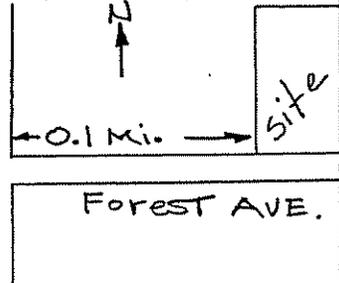
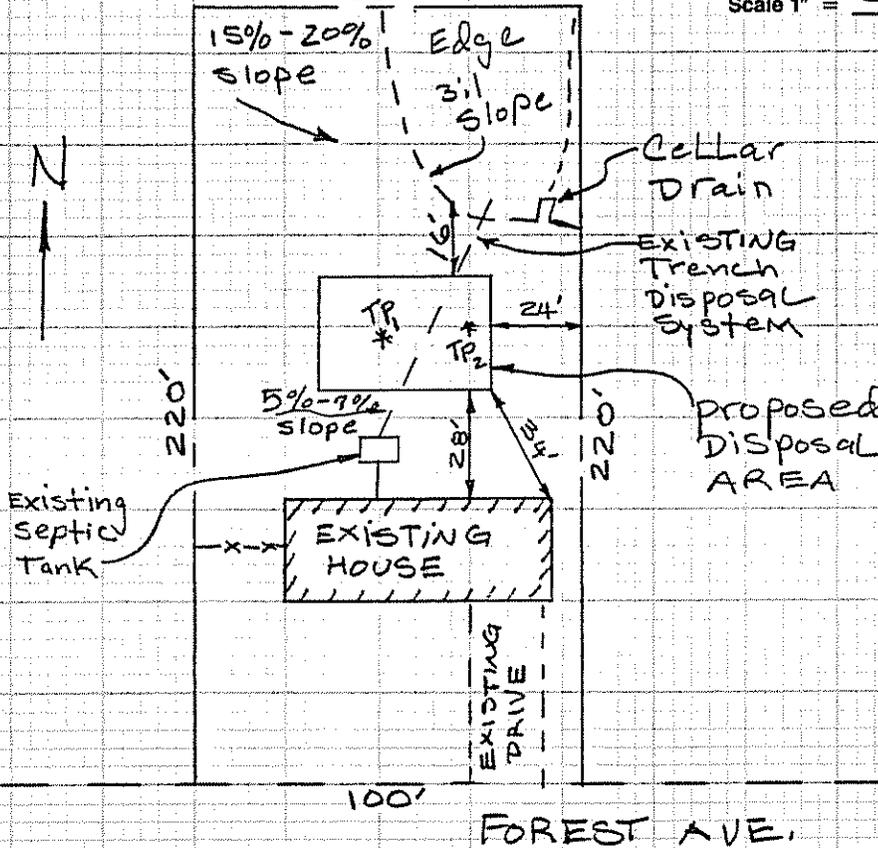
13 FOREST AVE.

Patrick Pellitier

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 TP 1 Test Pit Boring
SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	Sandy Loam	Friable	Dark	
6	SILT Loam	To	BROWN	NO
10	Loam	Very		Drainage
15	SILT Clay	Firm	BROWN	mottles
20	FILL			observed
30				
40	Very fine Sandy loam AND SILT Loam	Somewhat Firm to Firm	yellow Brown olive	COMMON distinct
50				

Soil Profile B over D Classification D Slope 5-7% Limiting Factor 7 Ground Water Restrictive Layer Bedrock

Observation Hole TP 2 Test Pit Boring
SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SILT	Friable	Dark	
6	Loam	to	BROWN	NO
10	to Fine	Somewhat		Drainage
15	Sandy	Firm	BROWN	mottles
20	Loam	to		observed
30	FILL	Firm		
40				
50				

Soil Profile B like B Classification B like Slope 5-7% Limiting Factor --- Ground Water Restrictive Layer Bedrock

David P. Roque
Site Evaluator Signature

154
SE#

6/11/88
Date
Revised 11/20/93

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: **AUGUSTA** Street, Road, Subdivision: **13 Forest Ave.** Owners Name: **Patrick Pelletier**

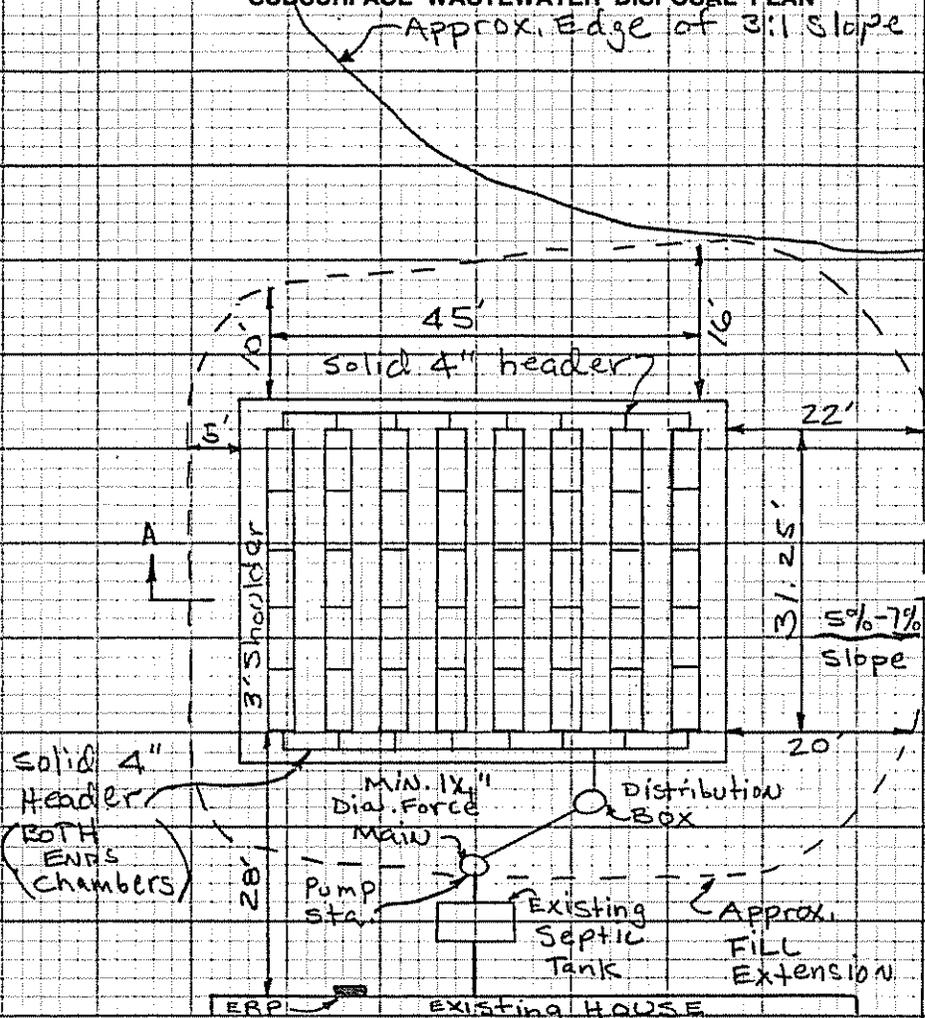
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 2.0 Ft.

Note: All of old disposal Area was removed prior to installation. ALSO, removed MIN. 24" of fill soil from beneath disposal Area and fill ext. Area & replaced with loamy gravel.

Property Line

Property Line



Disposal Area is 40 plastic chamber units in 8 rows (5 units per row) connected by equal distribution.

FILL REQUIREMENTS

Depth of Fill (Upslope) 24"-27"
Depth of Fill (Downslope) 37"-47"
above Existing Grade

CONSTRUCTION ELEVATIONS

Reference Elevation is 0
Bottom of Disposal Area -36
Top of Distribution Lines or Chambers -24

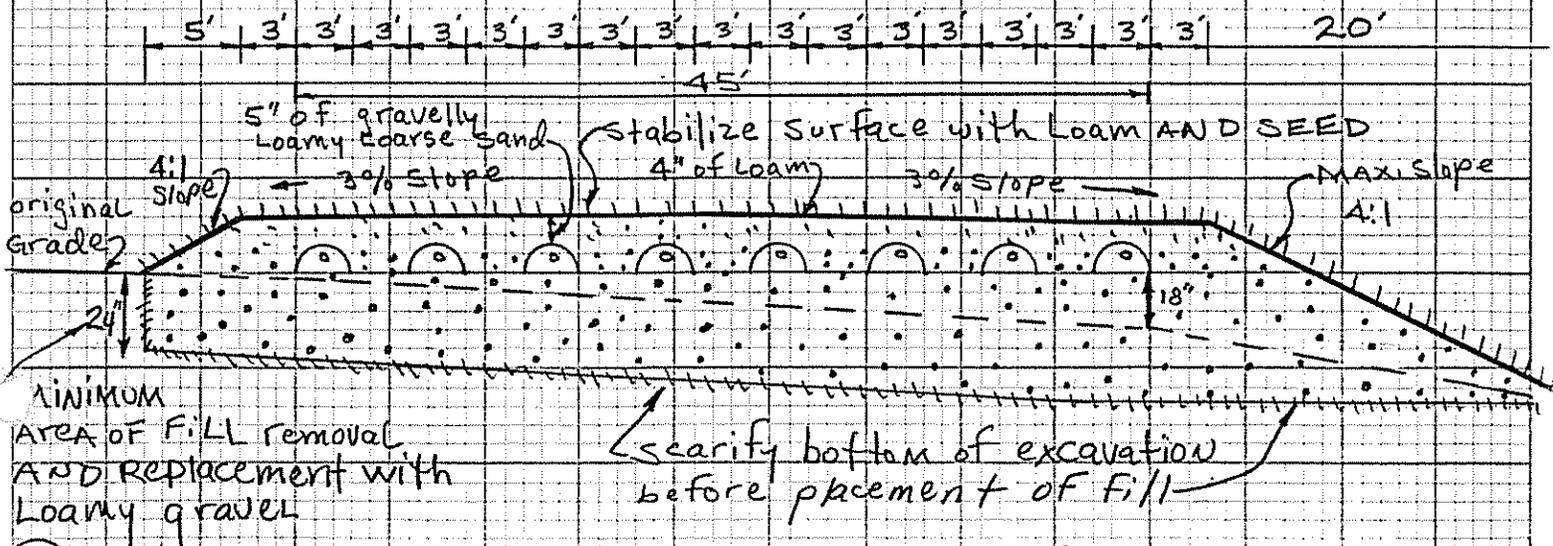
ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

Top edge of electric outlet on outside edge of HOUSE

DISPOSAL AREA CROSS SECTION

Scale:

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



David P. Roque
Site Evaluator Signature

154
SE#

11/20/93
Date