622-7216 M6C24A

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation	Augusta 6/24B
Street Division Lot #	Eight Rod Road

PROPERTY OWNERS NAME

Last: Laliberty First: Noel

Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	RFD 3 Box 1200 Augusta, Me. 04330

AUGUSTA 2475 TOWN COPY

Date Permit Issued: 7/23/92 $ 45.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 108

Ruff inspection 10/30/92 [illegible]

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.

Noel B. Laliberty

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

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☐ NEW SYSTEM
2. ☒ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED 90/91
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☒ TRENCH Infiltrator
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY	ZONING
18 Acres	Rural

THIS APPLICATION REQUIRES:
1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
a. ☐ Requiring Local Plumbing Inspector Approval
b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:
COMPLETE SYSTEM
1. ☐ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☒ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
Existing Drilled

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK Existing
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY: _____

PUMPING
1. ☒ NOT REQUIRED
2. ☐ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE: _____ GALS.

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

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
9	C

DEPTH TO LIMITING FACTOR: 17

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☐ MEDIUM-LARGE
4. ☐ LARGE
5. ☒ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 675 Sq. Ft. ☐ REGULAR ☐ H-20 Infilt
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 270 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

On 11/10/90 + 7/6/92 + 6/27/92 (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.

Hanson 201 7/7/92

Site Evaluator Signature SE# Date

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

#622-7216

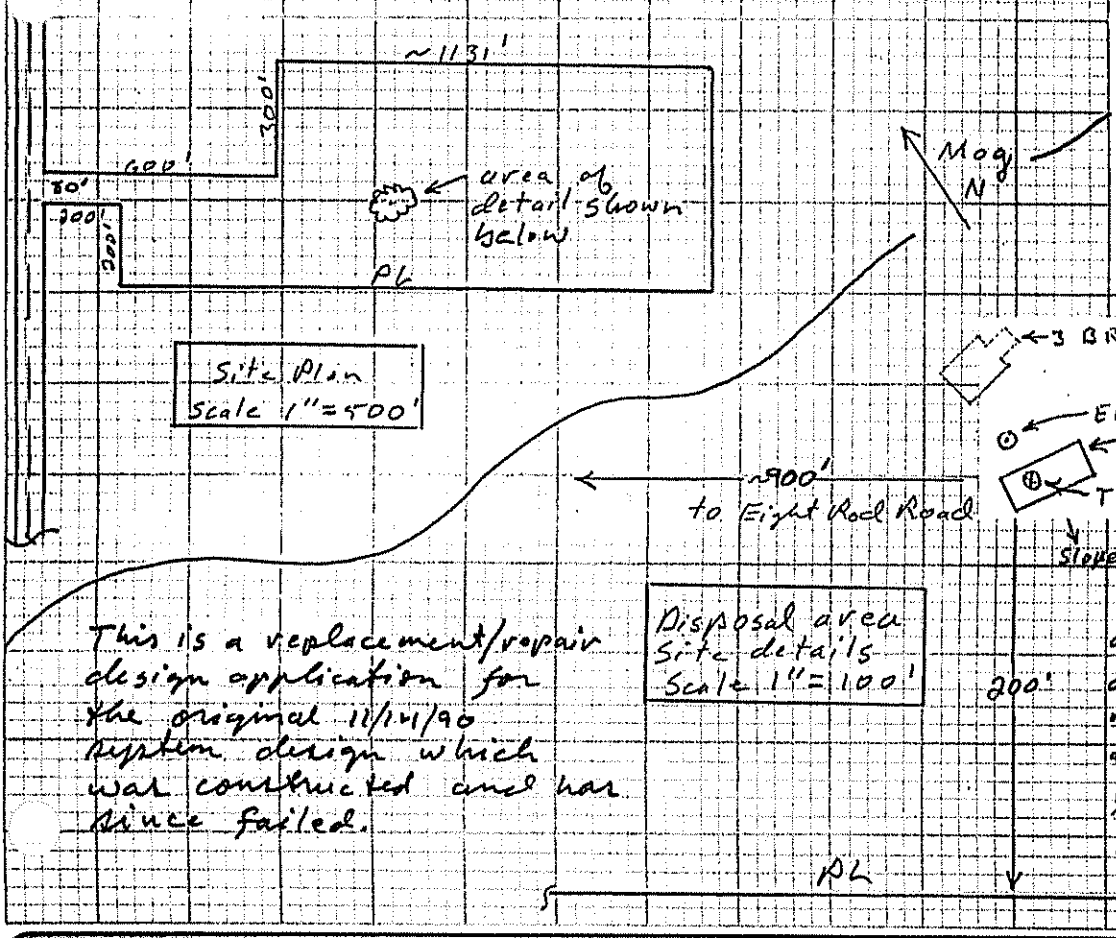
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

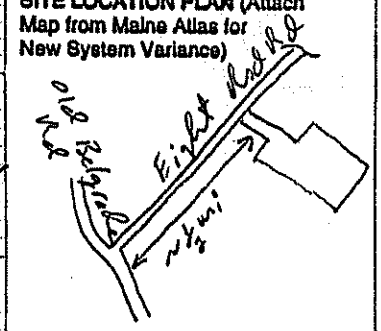
Town, City, Plantation: Augusta
Street, Road, Subdivision: Eight Rod Rd
Owners Name: Noel Laliberty

SITE PLAN

Scale 1" = _____ Ft.



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



This is a replacement/repair design application for the original 11/14/90 system design which was constructed and has since failed.

7/7/92 revisions as part of redesign due to system malfunction. See attached pg 2a of 3 for discussion of malfunction.

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

Observation Hole TP #1 ☒ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6			med Br	
6–15	silt loam	Loose	lt Yl Br	
15–20			lt Br	faint common
20–50	silt clay loam	Firm	Grey	

Soil (Profile)	Classification (Condition)	Slope	Limiting Factor	
9	10	~11 %	17"	☒ 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
0–50				

Soil (Profile)	Classification (Condition)	Slope	Limiting Factor	
		%		☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Revised 7/7/92 HB

Hamilton Beyhan
Site Evaluator Signature

201
SE#

11/14/90
Date

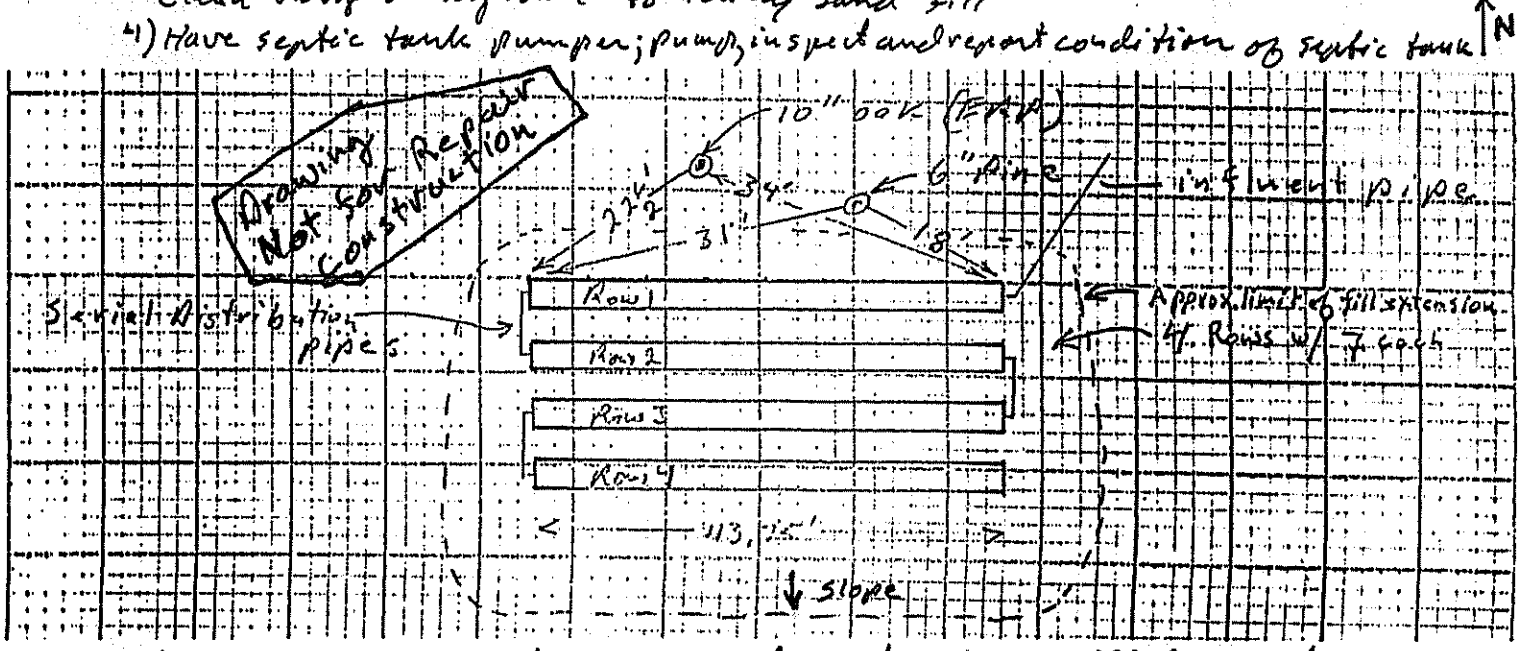
HHE-200 Rev.1/84

Observations: related to malfunction.

1) ERP 10" oak is misslabelled, should be 10" maple (on drawing below)
2) ERP 10" oak and 6" pine may be transposed on drawing below. If so system may have been constructed 16' along slope towards the east and ~3' downslope. If transposed ~~and~~ during construction this would tend to provide a more conservative separation distance. Difficult to determine if trees were transposed because pine tree ~~has~~ has been removed.
3) Rows 3 and 4 both full of water.
4) Malfunction originally observed as seepage at SE corner.
5) Top of infiltrators is approximatly 3" below design elevation (average)
6) Infiltrator rows approximatly 4" pitch (i.e. not level) average per row, pitch is downwards toward SE corner.
7) Visual inspection thru end caps of rows 3 and 4 indicates infiltrator base (feet) are pushed into base grade ~ 4".
8) Wire guage in Row 1 indicates ~ 4" of sludge like material ~~in~~ above bottom of trench elevation.
9) Silt loam fill observed @ SW end and edge of Row 4
10) Site grading channels surface water runnoff directly over disposal area
11) Drainage area as constructed was rotated about 20° counter clockwise about ~~the~~ NW corner.

Recomendations:

1) Rebuild at same location w/clockwise 20° rotation per original design.
2) Raise bed 12" to improve separation distance
3) Replace any silt loam ~~fill~~ fill within footprint of fill extension with clean very sandy loam to loamy sand fill
4) Have septic tank pumped; pump, inspect and report condition of septic tank



5) carefully construct replacement system to specified elevations and carefully back fill infiltrators to a avoid pressing them into subgrade
6) Divert surface water runoff away from drainage area.
7) Contractor discuss repair plan w/ ~~and~~ site evaluator prior to construct
8) Contact site evaluator if any questions prior to construction.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

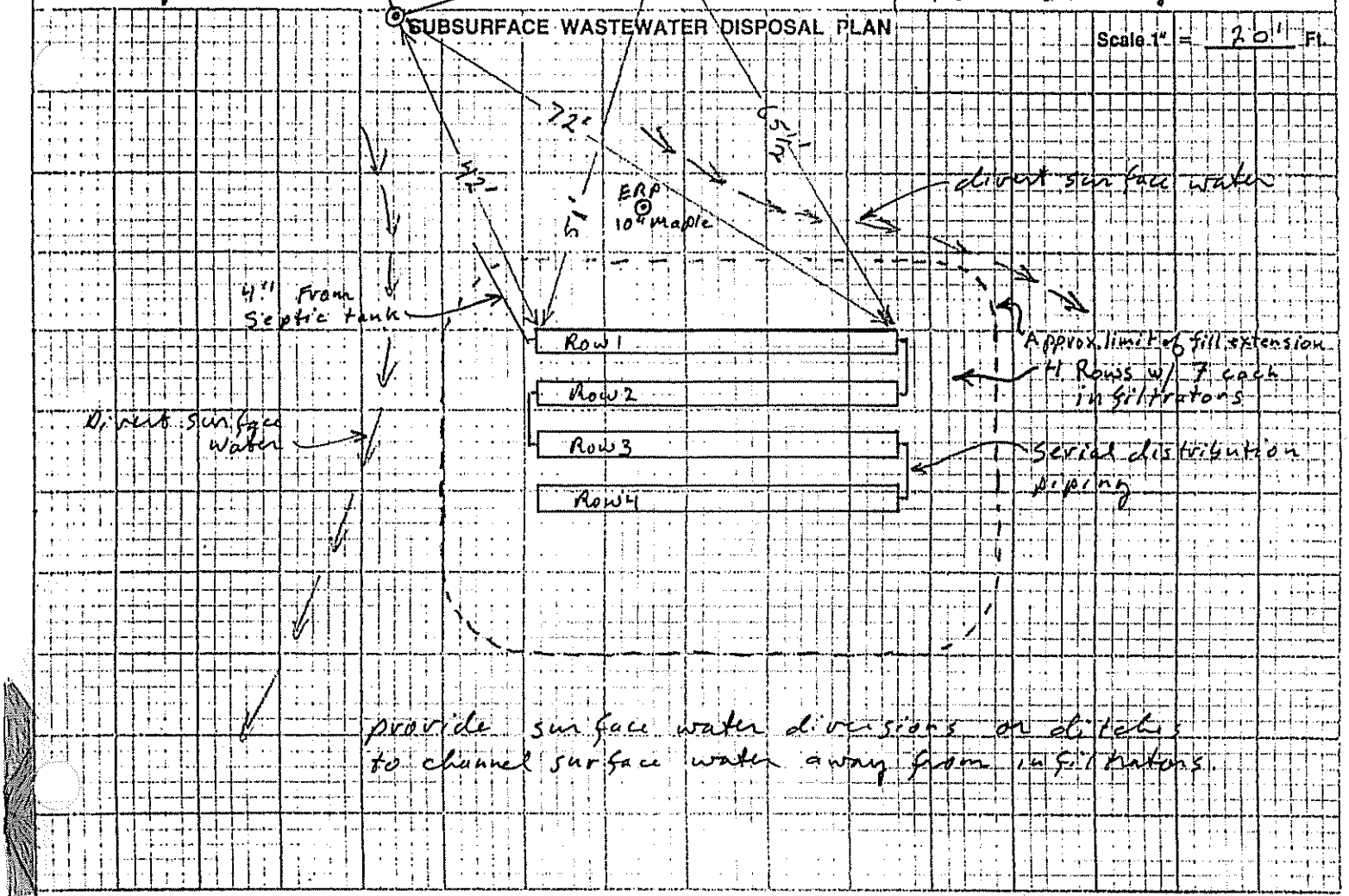
Town, City, Plantation: Augusta

Street, Road, Subdivision: 8 Rod Rd

Owners Name: Noel Laliberty

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope): 30"

Depth of Fill (Downslope): 30"

CONSTRUCTION ELEVATIONS

Reference Elevation is: 0'00"

Bottom of Disposal Area: See below

Top of Distribution Lines or Chambers:

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

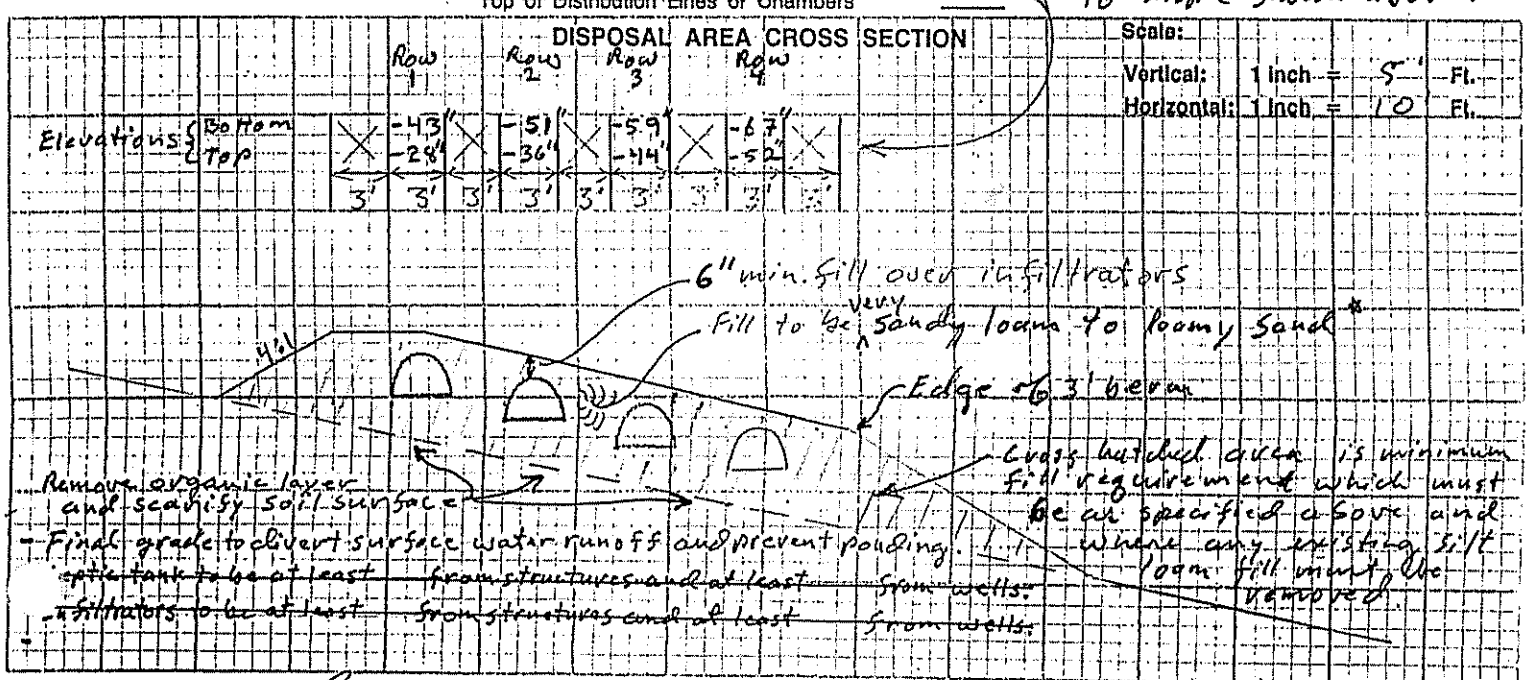
ERP is red flagged nail in 10" maple shown above.

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 5' Ft.

Horizontal: 1 inch = 10' Ft.



Site Evaluator Signature: [signature]

SE#: 201

Date: 7/7/92