

622-1243

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

## PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Division Lot #	Burns Road
<b>PROPERTY OWNERS NAME</b>	
Last: Sandford	First: Dana
Applicant Name:	Dana Sandford
Mailing Address of Owner/Applicant (If Different)	Route 5 Augusta Maine 04830

AUGUSTA

Date Permit Issued: 10-20-89

FEE \$ 40.00

L.P.I. # 963

John P. Fucciarelli  
Local Plumbing Inspector Signature

TOWN COPY

### 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.

*Dana Sandford*  
Signature of Owner/Applicant

Date \_\_\_\_\_

### Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

*John P. Fucciarelli*  
Local Plumbing Inspector Signature

Dec. 11, 1989  
Date Approved

## PERMIT INFORMATION

<p><b>THIS APPLICATION IS FOR:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NEW SYSTEM</li> <li><input type="checkbox"/> REPLACEMENT SYSTEM</li> <li><input type="checkbox"/> EXPANDED SYSTEM</li> <li><input type="checkbox"/> EXPERIMENTAL SYSTEM</li> </ol> <p><b>SEASONAL CONVERSION</b> to be completed by the LPI</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SYSTEM COMPLIES WITH RULES</li> <li><input type="checkbox"/> CONNECTED TO SANITARY SEWER</li> <li><input type="checkbox"/> SYSTEM INSTALLED - P# _____</li> <li><input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED</li> </ol> <p><b>IF REPLACEMENT SYSTEM:</b> YEAR FAILING SYSTEM INSTALLED _____</p> <p>THE FAILING SYSTEM IS:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> BED</li> <li><input type="checkbox"/> CHAMBER</li> <li><input type="checkbox"/> TRENCH</li> <li><input type="checkbox"/> OTHER: _____</li> </ol> <p>SIZE OF PROPERTY: 1 Acre      ZONING: Rural</p>	<p><b>THIS APPLICATION REQUIRES:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NO RULE VARIANCE</li> <li><input type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form</li> <li><input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form             <ol style="list-style-type: none"> <li><input type="checkbox"/> Requiring Local Plumbing Inspector Approval</li> <li><input type="checkbox"/> Requires State and Local Plumbing Inspector Approval</li> </ol> </li> <li><input type="checkbox"/> MINIMUM LOT SIZE VARIANCE</li> </ol> <p><b>DISPOSAL SYSTEM TO SERVE:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SINGLE FAMILY DWELLING</li> <li><input checked="" type="checkbox"/> MODULAR OR MOBILE HOME</li> <li><input type="checkbox"/> MULTIPLE FAMILY DWELLING</li> <li><input type="checkbox"/> OTHER _____ SPECIFY _____</li> </ol>	<p><b>INSTALLATION IS:</b></p> <p>COMPLETE SYSTEM</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NON-ENGINEERED SYSTEM</li> <li><input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet)</li> <li><input type="checkbox"/> ENGINEERED (+ 2000 gpd)</li> </ol> <p>INDIVIDUALLY INSTALLED COMPONENTS:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> TREATMENT TANK (ONLY)</li> <li><input type="checkbox"/> HOLDING TANK _____ GAL</li> <li><input type="checkbox"/> ALTERNATIVE TOILET (ONLY)</li> <li><input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY)</li> <li><input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY)</li> <li><input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</li> </ol> <p><b>TYPE OF WATER SUPPLY</b> To be Drilled</p>
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## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p><b>TREATMENT TANK</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> SEPTIC: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Low Profile</li> <li><input type="checkbox"/> AEROBIC</li> </ol> <p>SIZE: 1000 GALS. Zobel Filter Recommended</p>	<p><b>WATER CONSERVATION</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NONE</li> <li><input type="checkbox"/> LOW VOLUME TOILET</li> <li><input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</li> <li><input type="checkbox"/> ALTERNATIVE TOILET</li> </ol> <p>SPECIFY: _____</p>	<p><b>PUMPING</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOT REQUIRED</li> <li><input type="checkbox"/> MAY BE REQUIRED (DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)</li> <li><input type="checkbox"/> REQUIRED</li> </ol> <p>DOSE: _____ GALS.</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING EMPLOYEES, WATER RECORDS, ETC.)</p> <p>2 Bedroom Moderate Flow Design</p>				
<p><b>SOIL CONDITIONS USED FOR DESIGN PURPOSES</b></p> <table border="1"> <tr> <th>PROFILE</th> <th>CONDITION</th> </tr> <tr> <td>9</td> <td>C</td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: 16</p>	PROFILE	CONDITION	9	C	<p><b>SIZE RATINGS USED FOR DESIGN PURPOSES</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SMALL</li> <li><input type="checkbox"/> MEDIUM</li> <li><input type="checkbox"/> MEDIUM-LARGE</li> <li><input type="checkbox"/> LARGE</li> <li><input checked="" type="checkbox"/> EXTRA LARGE</li> </ol>	<p><b>DISPOSAL AREA TYPE/SIZE</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> BED _____ Sq. Ft.</li> <li><input checked="" type="checkbox"/> CHAMBER _____ Sq. Ft. <input type="checkbox"/> REGULAR <input type="checkbox"/> H-20</li> <li><input type="checkbox"/> TRENCH _____ Linear Ft.</li> <li><input checked="" type="checkbox"/> OTHER: Infiltrators</li> </ol>	<p>24 Infiltrators Total 3 Rows of Infiltrators</p> <p>DESIGN FLOW: 240 (GALLONS/DAY)</p>
PROFILE	CONDITION						
9	C						

## SITE EVALUATOR STATEMENT

9-20-1989 (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]*      241      9-26-1989  
Site Evaluator Signature      SE#      Date

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

ATTACHMENT TO FORM HHE-200  
ADDITIONAL INFORMATION ABOUT YOUR SEPTIC SYSTEM

1. YOU SHOULD HAVE YOUR SEPTIC TANK PUMPED OUT AND CHECKED EVERY TWO YEARS OR MORE OFTEN TO PROLONG THE LIFE OF YOUR SYSTEM.

2. IF YOU PLAN TO INSTALL A GARBAGE DISPOSAL IN YOUR HOME, YOU SHOULD HAVE THE NEXT AVAILABLE SIZE SEPTIC TANK INSTALLED. An alternative to this is the installation of a Zabel Industries Inc. Multi-purpose Filter, Model #A-100 or equivalent on the outlet end of the septic tank.

3. Water softeners should drain to a separate gray water disposal system.

4. Your septic tank must be installed level and all joints, inspection covers etc. must be water tight. The same is necessary for a pump tank if your system requires one.

5. The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid flooding of the tank and solids entering the field.

6. Your system is designed to handle laundry waste water provided a separated laundry system is not indicated on Page 1 of your HHE-200 form and the total daily design flow shown on Page 1 is not exceeded. If a low water toilet is required it must use less than 1.5 gallons per flush.

7. All construction shall conform with section 11-D "State of Maine-Subsurface Wastewater Disposal Rules-Chapter 241" and all other pertinent sections.

8. All fill shall be sandy loam coarser with sufficient fines for adequate compaction, unless otherwise stated.

9. Wells shall be located a minimum 100' from subsurface disposal system.

10. Property lines shown are as provided by owner and no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.

11. Applicability of design must be reevaluated when location of structures are substantially different than those shown on the site plan or when other structures, additions, or appurtenances (i.e. swimming pools) are considered.

12. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to the system.

13. Provide low profile septic tank when determined as necessary in the field.

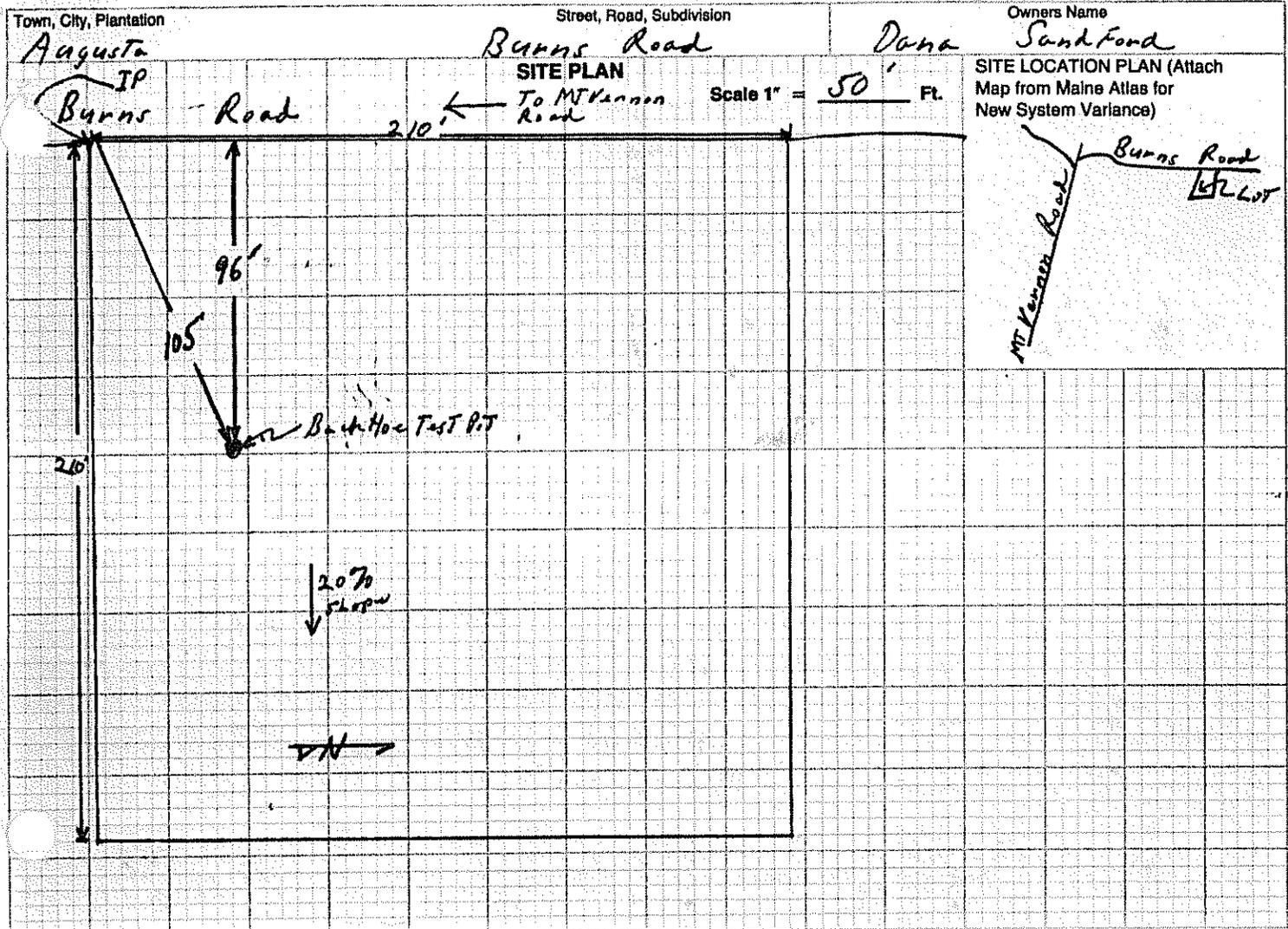
14. Lots not meeting the requirements if the "Minimum lot size Rule" but recorded prior to its effective date require a "Minimum Lot Size Waiver" as issued by the Department of Human Services - Division of Health Engineering.

15. Force mains, pump stations, and/or gravity piping subject to freezing shall be adequately installed.

16. The L.P.I. shall inform the owner and designer of any local ordinance exceeding the rules (Chapter 241), prior to issuing a permit, so that the application may be properly amended to conform to to such ordinances.

# 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 1 Backhoe  Test Pit  Boring  
1-0 " Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
SLT Loam	Friable	Brown	
		Yellow Brown	
		Yell. Brown to Olive	Common
SLT, Clayey Loam	Firm	Olive	Distinct

Soil Profile <u>9</u>	Classification Condition <u>C</u>	Slope <u>20</u> %	Limiting Factor <u>16</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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## EXCERPTS FROM MAINE PLUMBING CODE '79

### D. Construction Details.

[1] The vegetation and the organic horizon in the proposed disposal area and fill extensions shall be removed and the ground surface scarified to minimize glazing of the original soil.

[2] The bottom of the disposal area and distribution line shall be level with a maximum grade tolerance of 1 inch per 100 ft.

[3] Fill shall be free of foreign material, placed in 8 inch lifts and compacted as placed. Fill shall be sandy loam or coarser and specified on Application.

[4] The finish grade of the backfill over the disposal area shall be crowned from the center of the disposal area at a 3% slope and extend 3 ft. beyond the edge of the disposal area. At that point the fill shall be sloped at a uniform grade of no greater than 25% [4:1] to the original ground. All stone used in disposal areas shall be clean and conform to one of the size rating from Table 11-2.

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Soil Profile	Classification Condition	Slope %	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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D. Duke  
Site Evaluator Signature

241  
SE#

9-26-1989  
Date

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

Town, City, Plantation

Street, Road, Subdivision

Owners Name

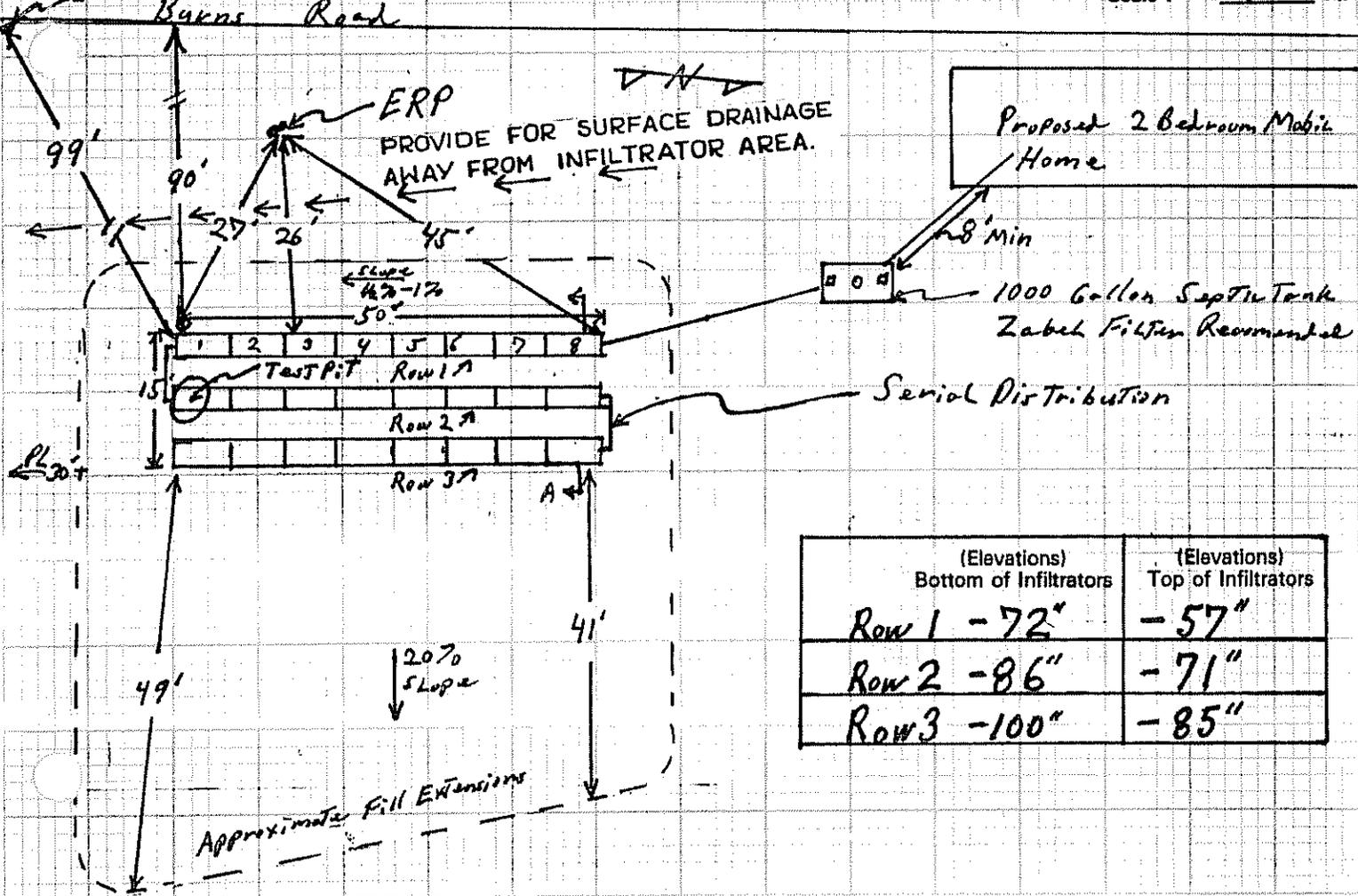
Augusta

Burns Road

Dana Sanford

**SUBSURFACE WASTEWATER DISPOSAL PLAN**

Scale 1" = 20' Ft.



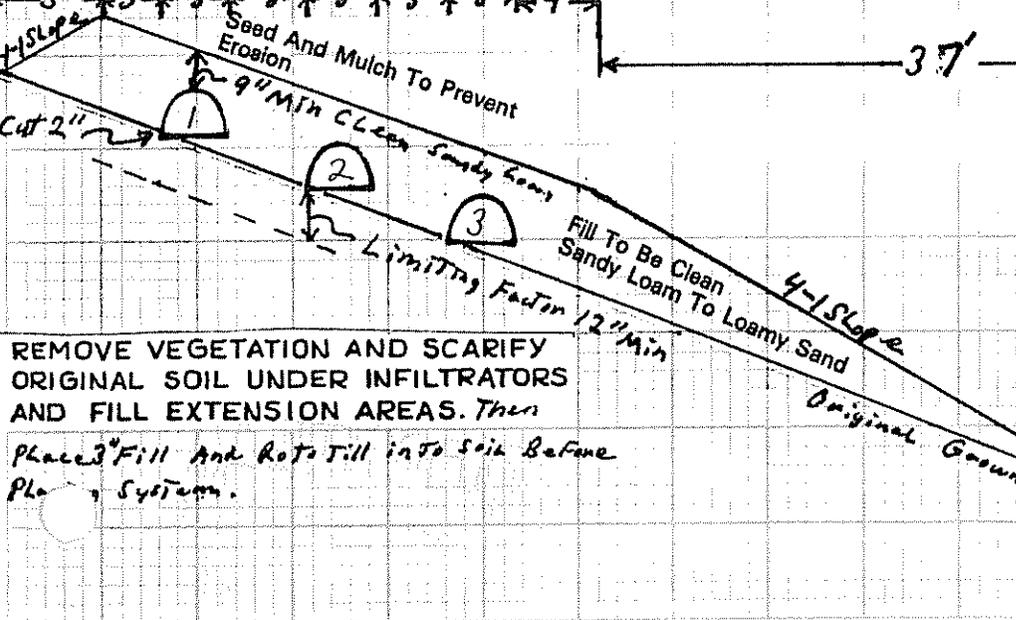
	(Elevations) Bottom of Infiltrators	(Elevations) Top of Infiltrators
Row 1	-72"	-57"
Row 2	-86"	-71"
Row 3	-100"	-85"

**FILL REQUIREMENTS**  
 Depth of Fill (Upslope) 22"  
 Depth of Fill (Downslope) 22"  
 Provide Drainage Away From Infiltrators

**CONSTRUCTION ELEVATIONS**  
 Reference Elevation is 0  
 Bottom of Disposal Area See Above  
 Top of Distribution Lines or Chambers See Above

**ELEVATION REFERENCE POINT LOCATION & DESCRIPTION**  
 Nail in Tag #78 in Forked White Pine Marked ERP

**DISPOSAL AREA CROSS SECTION - A**



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

BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS. Then Place 3" Fill And Rototill into soil Before Placing System.

Site Evaluator Signature

241

SE#

9-26-1989

Date