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 #	Rt 3 Mo. Belfast Ave

PROPERTY OWNERS NAME

Last: Reynolds First: Robert

Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	RFD#6, Box 1080 Augusta ME 04330

AUGUSTA PERMIT # 1,624 TOWN COPY

Date Permit Issued: 6 15 89 $ 40.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 88 f

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.

Robert M. Reynolds
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.

Gary R. Fuller Sep. 8, 1989
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☑ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ SEASONAL CONVERSION
5. ☐ EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

1. ☑ NO RULE VARIANCE REQUIRED
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
   ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
3. ☐ Requiring Local Plumbing Inspector Approval
4. ☐ Requires State and Local Plumbing Inspector Approval

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
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

DISPOSAL SYSTEM TO SERVE:

1. ☑ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

SIZE OF PROPERTY	ZONING
21 Ac	

TYPE OF WATER SUPPLY

WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

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.)

PROPOSED 2 BEDROOM ADDITION

DESIGN FLOW: 300 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

For TP-1

PROFILE	CONDITION
B	3

DEPTH TO LIMITING FACTOR: 22"

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 _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☑ OTHER: INFILTRATORS

SITE EVALUATOR STATEMENT

(☐ SITE EVALUATION WAIVED BY LOCAL OPTION)

On 12/21/88 (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.

Robert A Farrell #009 12/21/88
Site Evaluator Signature SE# Date

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

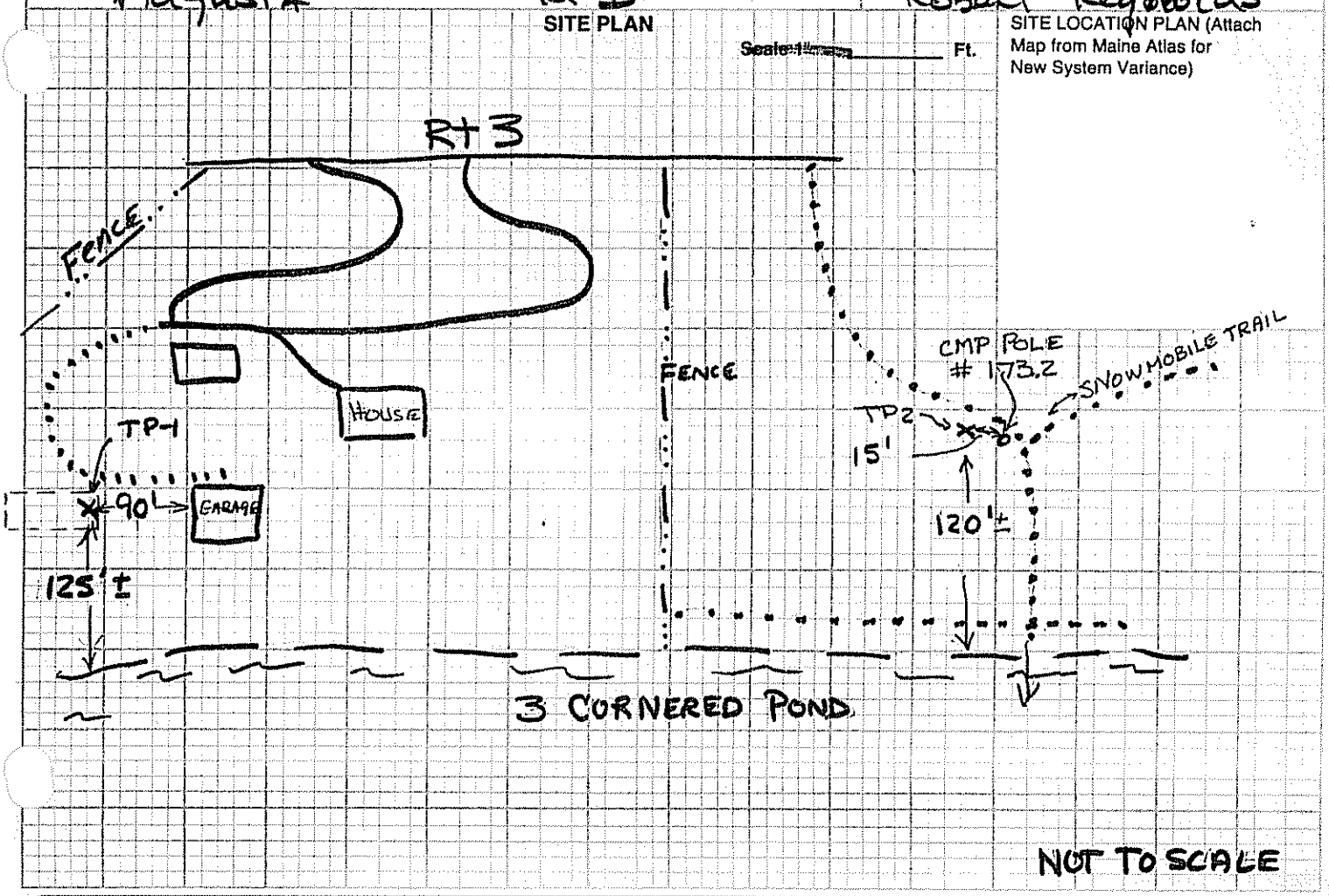
Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta | Street, Road, Subdivision: Rt 3 | Owners Name: Robert Reynolds

SITE PLAN

Scale: 1" = _____ 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 1 — ☑ Test Pit ☐ Boring

3" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–6		Loos	DEEP RED/RUST	
6–10	SILT LOAM	LOOSE	Less Reddish	
10–15				NONE NOTED
15–20	TILL	Bolder common	Brown/gray	
20–30	Firming TILL	FIRM		
30–40				
40–50	TD Hole 48"			

Soil Profile	Classification Condition	Slope	Limiting Factor	
B	3	18%	22"	☐ Ground Water ☑ Restrictive Layer ☐ Bedrock

Observation Hole 2 — ☑ Test Pit ☐ Boring

3" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–6		LOOSE	deep Rust	
6–10	SILT LOAM	LOOSE	grades to brown	
10–15			brownish grey	
15–20				
20–30	SILT LOAM to SANDY LOAM	firm TILL	Brownish grey TILL	Mottling
30–40				
40–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
C	3	11 %	23"	☑ Ground Water ☑ Restrictive Layer ☐ Bedrock

Robert Harrell
Site Evaluator Signature

#009
SE#

12/21/88
Date

HHE-200 Rev.1/84

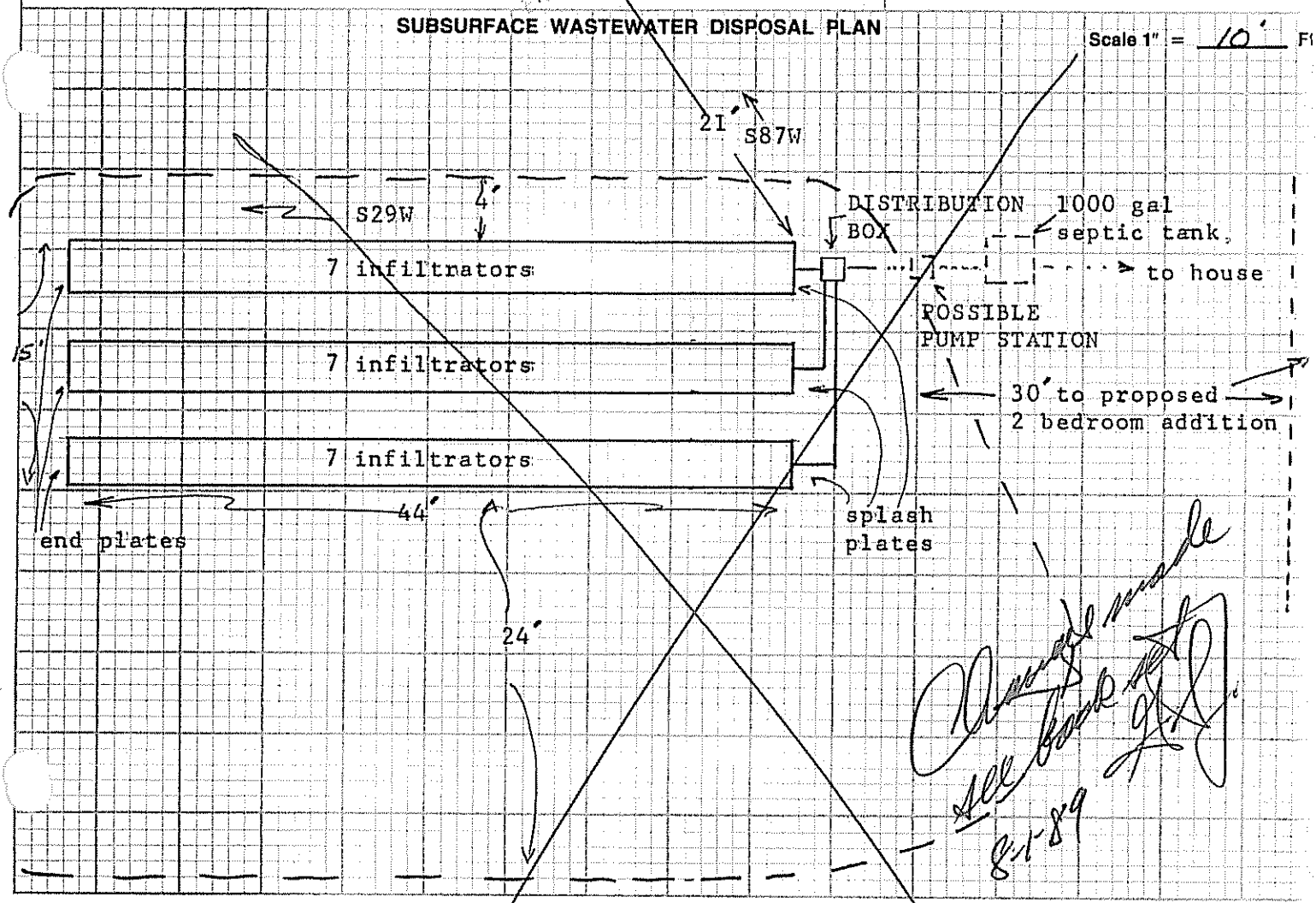
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA RT 3	TBM	ROBERT REYNOLDS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 10' Ft



FILL REQUIREMENTS

Depth of Fill (Upslope) 21.6"

Depth of Fill (Downslope) 21.6"

CONSTRUCTION ELEVATIONS

Reference Elevation is 100'

Bottom of Disposal Area see att. sheet

Top of Distribution Lines or Chambers ____

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

nail at base of 2' diameter white pine

DISPOSAL AREA CROSS SECTION

see attached sheet

Scale:

Vertical: 1 Inch = Ft.

Horizontal: 1 Inch = Ft.

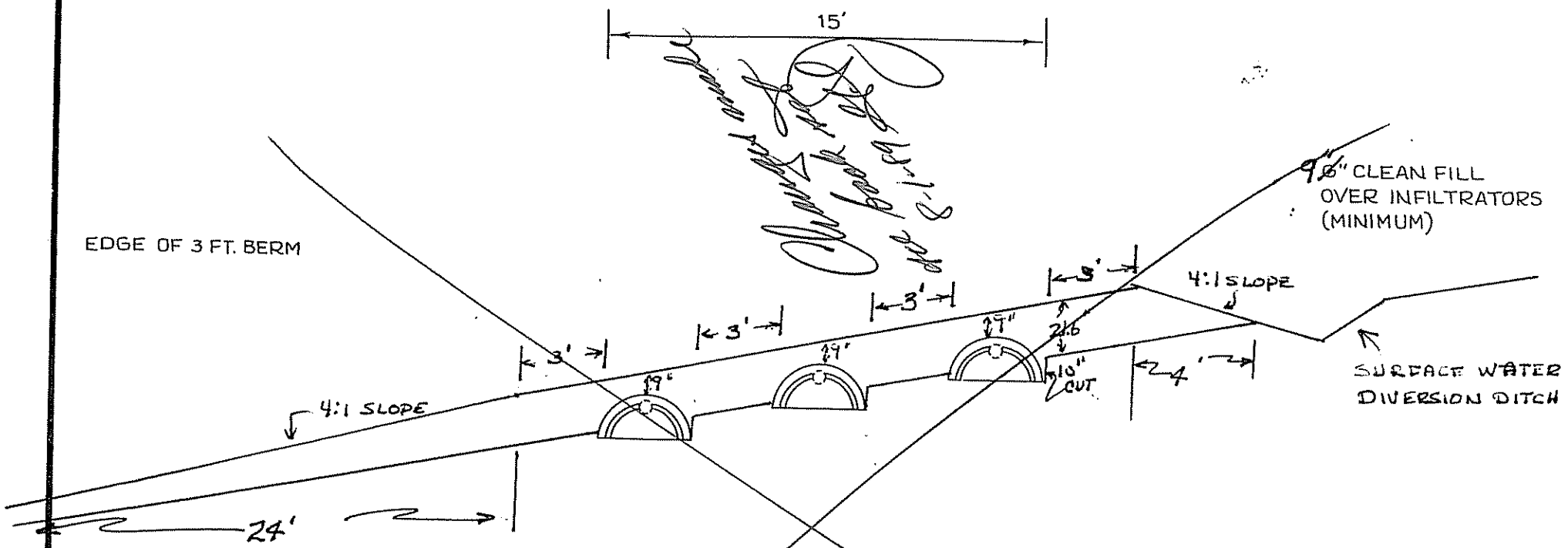
Robert Farrell
Site Evaluator Signature

#009
SE#

5/18/89
Date

HHE-200 Rev.1/8

INFILTRATOR CROSS SECTION 17-18%



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE 16.7 to 18.7%

~~FILL UNDER INFILTRATORS TO BE~~ _____ ~~TEXTURE~~.

FILL AROUND INFILTRATORS TO BE CLEAN SANDY LOAM TEXTURE.

SITE EVALUATOR: ROBERT S. FARRELL #009		
OWNER: ROBERT REYNOLDS	NUMBER OF INFILTRATORS: 21	PERCENT SLOPE: 18%
LOCATION: RT 3, AUGUSTA	ELEVATIONS: REFERENCE PT. 100'	BOTTOM TRENCH #1 95.33
DATE: 5/18,	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 94.28' BOTTOM TRENCH #3 93.23'

To amend permit #1624 issued 6-5-89

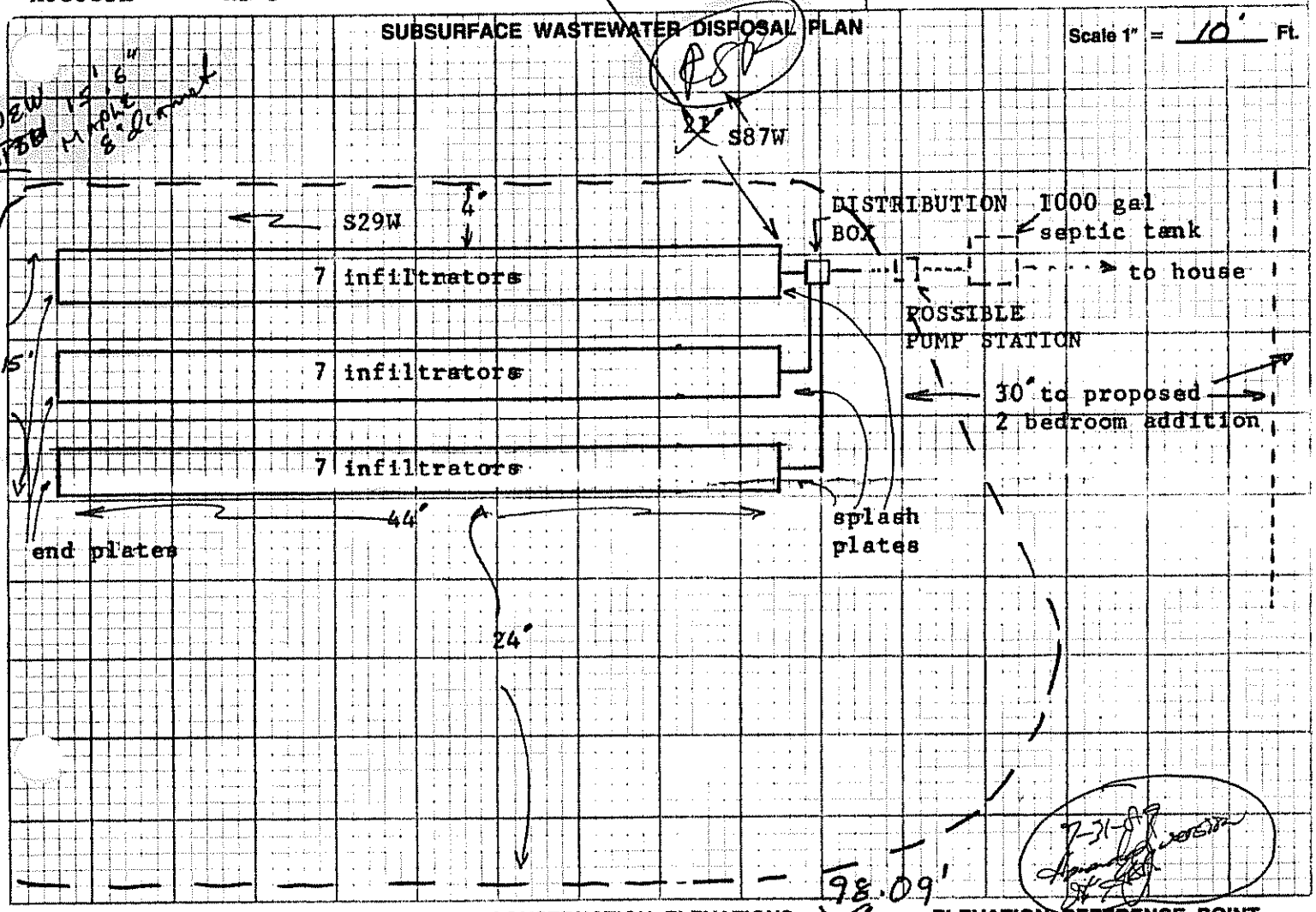
Department of Human Services
Division of Health Engineering

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA RT 3	TBM	ROBERT REYNOLDS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 10' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 21.6"

Depth of Fill (Downslope) 21.6"

CONSTRUCTION ELEVATIONS ~~100'~~

Reference Elevation is

Bottom of Disposal Area

Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

see att. sheet nail at base of 8" diameter ~~white pine~~ MAPLE PSD

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = Ft.

Horizontal: 1 inch = Ft.

see attached sheet

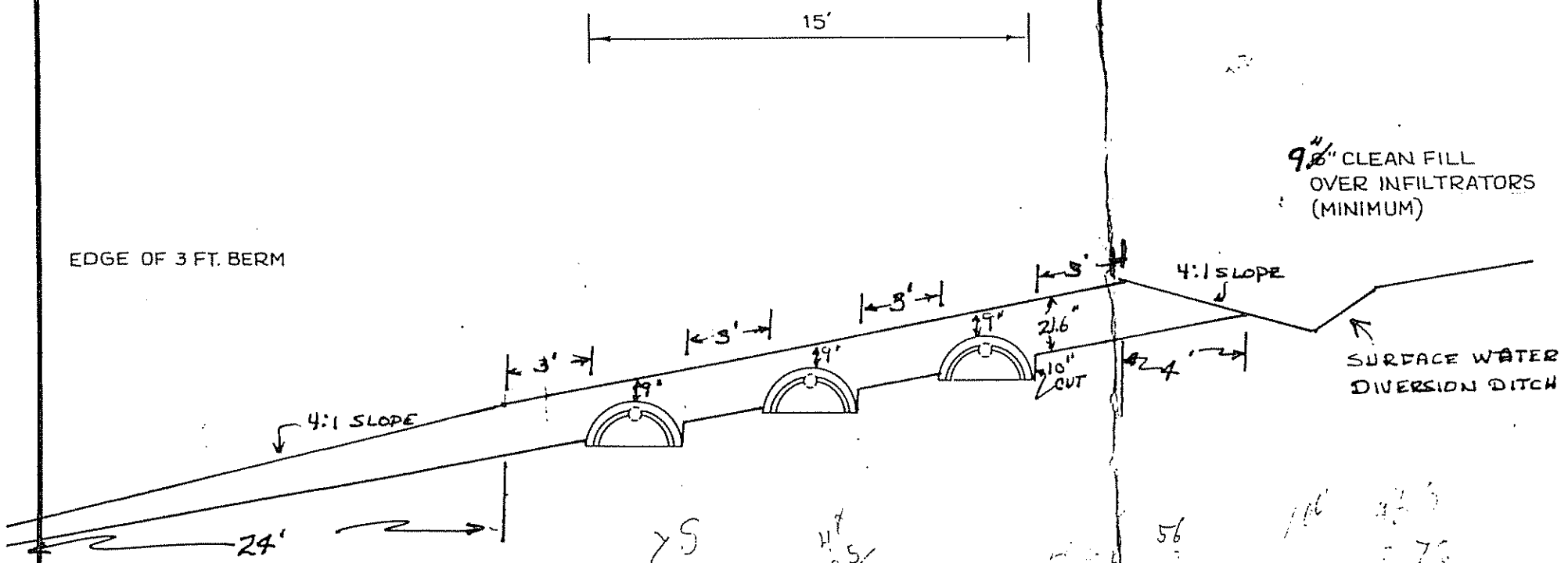
Robert D. Farrell
Site Evaluator Signature

#009
SE#

5/18/89
Date

HHE-200 Rev.1/84

INFILTRATOR CROSS SECTION 17-18%



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE 16.7 to 18.7%

FILL UNDER INFILTRATORS ~~FILL UNDER INFILTRATORS TO BE~~ SAND RSF ~~TEXTURE~~.

FILL AROUND INFILTRATORS TO BE CLEAN SANDY LOAM TEXTURE.

SITE EVALUATOR: ROBERT S. FARRELL #009		
OWNER: ROBERT REYNOLDS	NUMBER OF INFILTRATORS: 21	PERCENT SLOPE: 18%
LOCATION: RT 3, AUGUSTA	ELEVATIONS: 98.09' (RSF) REFERENCE PT. ~~100~~ BOTTOM TRENCH #1 95.33	
DATE: 5/18/ SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 94.28' BOTTOM TRENCH #3 93.23	