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 No Belfast Ave

PROPERTY OWNERS NAME

Last: Bowen First: Darrell

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	Box 1090 RFD#6 Augusta, Me. 04330

AUGUSTA PERMIT # 1,724 TOWN COPY

Date Permit Issued: 9 1 89 $ 40 FEE ☐ If Double Fee Charged

John O. Pucciarelli
Local Plumbing Inspector Signature L.P.I. # 963

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.

Teresa A. Bowen
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 9-6-89

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 1964
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☒ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

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

SIZE OF PROPERTY	ZONING	TYPE OF WATER SUPPLY
3 Ac.±	Rural	Drilled 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: 50 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
2 Bedroom Home - Moderate design flow Plus 10%
DESIGN FLOW: 270 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 19.

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: _____

SITE EVALUATOR STATEMENT

On May 28, 1988 (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. Roegue — Site Evaluator Signature
154 — SE#
5/28/88 — Date

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

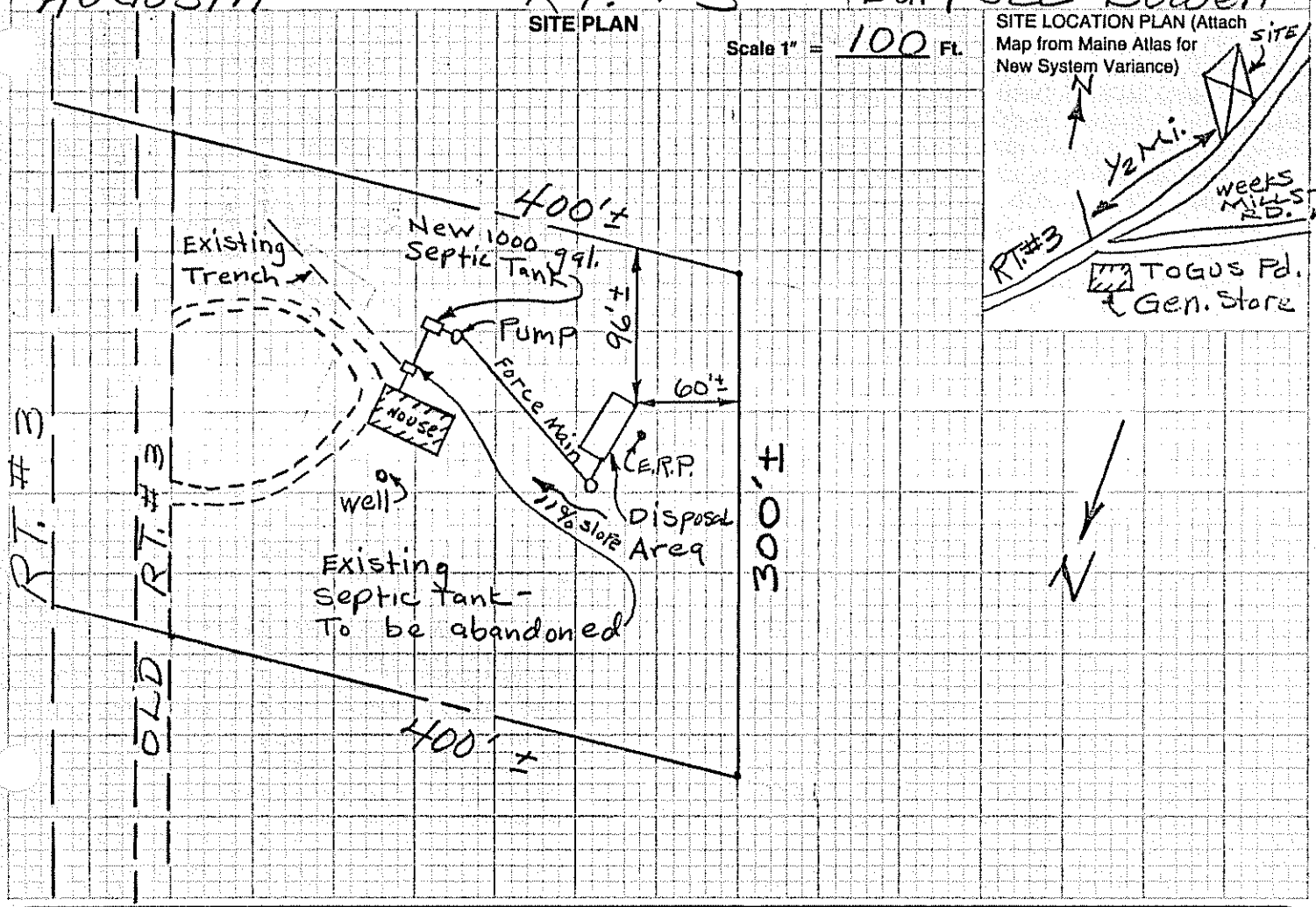
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: RT. #3
Owners Name: Darrell Bowen

SITE PLAN

Scale 1" = 100 Ft.



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

Observation Hole TP1 ☒ Test Pit ☐ Boring

1" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Fine Sandy Loam	Friable	DARK Brown	
6–15			Yellow Brown	NONE
15–30	Sandy Loam		Light Brown	Few Faint
30–50	Many stones	Firm	to olive	

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	10 %	21"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole TP2 ☒ Test Pit ☐ Boring

1" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Fine Sandy Loam	Friable	Dark Brown	
6–15			Red Brown	None
15–30	Sandy Loam	Firm	Light Brown to olive	Few Faint
30–50	Many stones			

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	11 %	19"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

David P. Roque — Site Evaluator Signature
154 — SE#
5/28/88 — Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

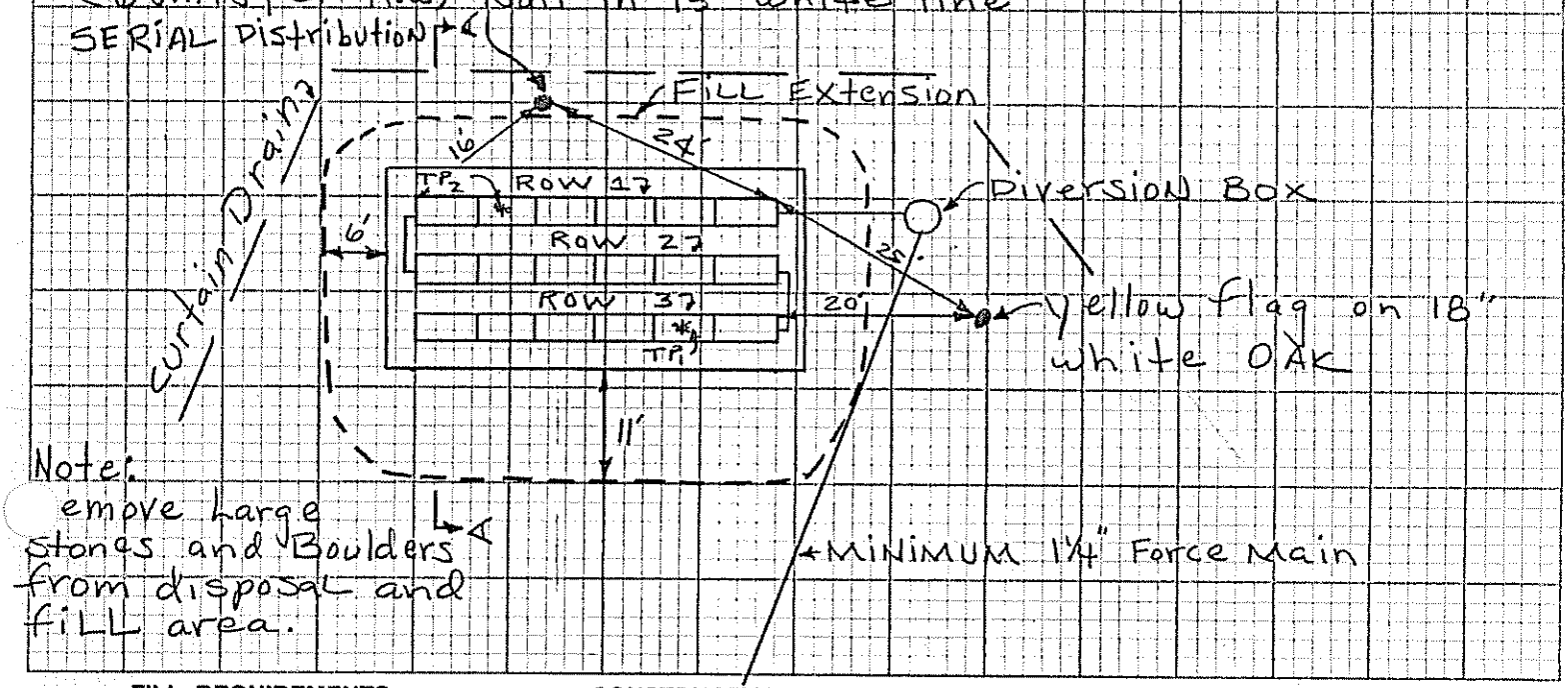
Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	Route 3	Darrell Bowen

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

NOTE:
Disposal Area to be 18 "infiltrator" chamber units in three rows (6 units per Row) SERIAL Distribution

NOTE:
Abandon Existing septic tank. Install New septic tank and pump station.



Note:
emove large stones and Boulders from disposal and fill area.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	18"	Reference Elevation is	0	yellow flagged nail in 15" white Pine
Depth of Fill (Downslope)	18"	Bottom of Disposal Area	See below	
		Top of Distribution Lines or Chambers		

DISPOSAL AREA CROSS SECTION

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

	Top of chambers	Bottom of Trench
Row #1	-34"	-49"
Row #2	-44"	-59"
Row #3	-51"	-66"

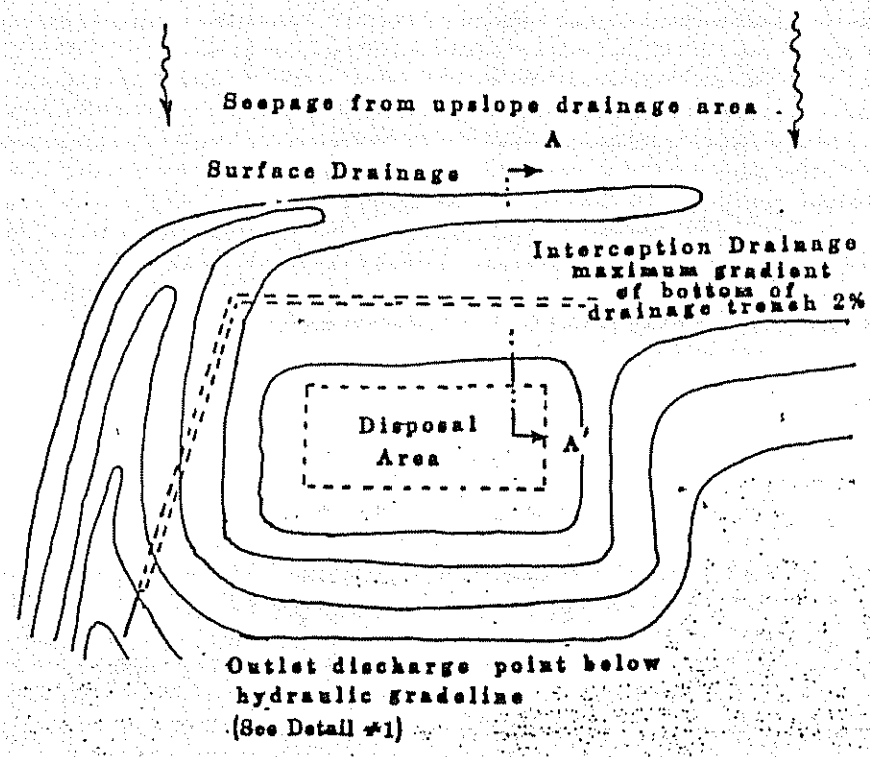
David P. Rocque
Site Evaluator Signature

154
SE#

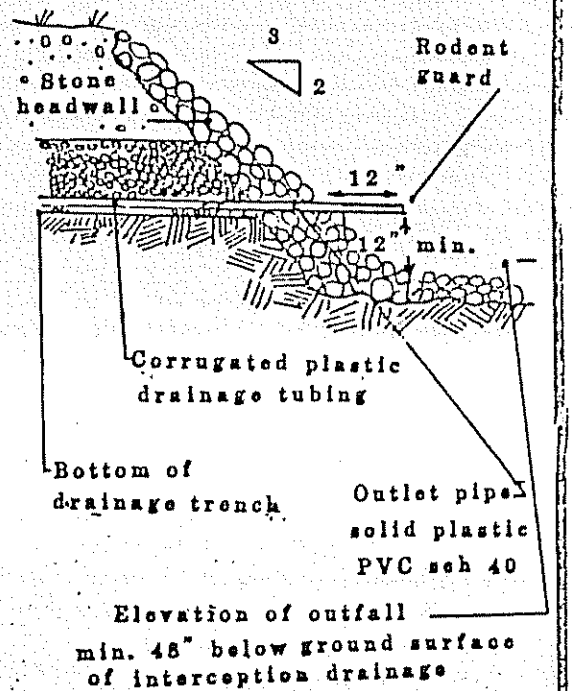
5/28/88
Date

HHE-200 Rev.1/84

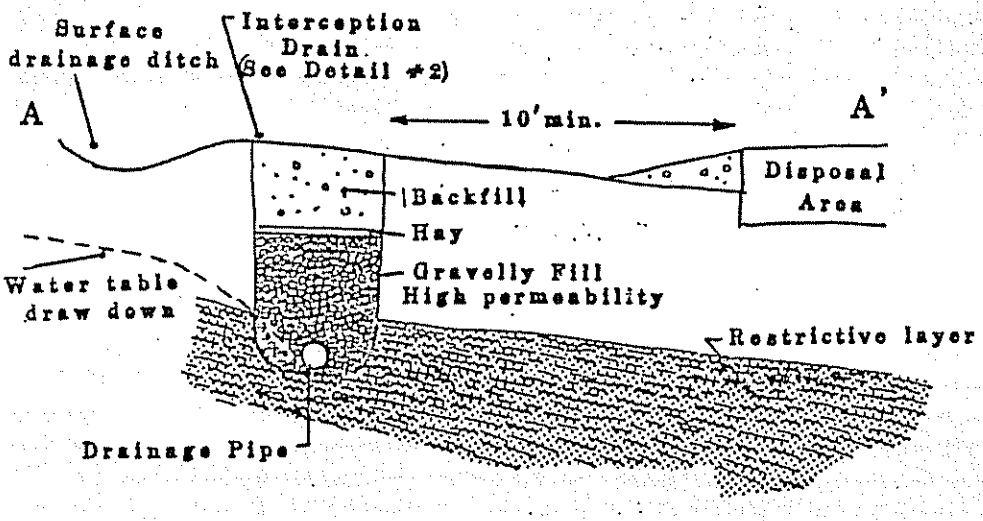
PLAN VIEW



DETAIL #1



CROSS-SECTION



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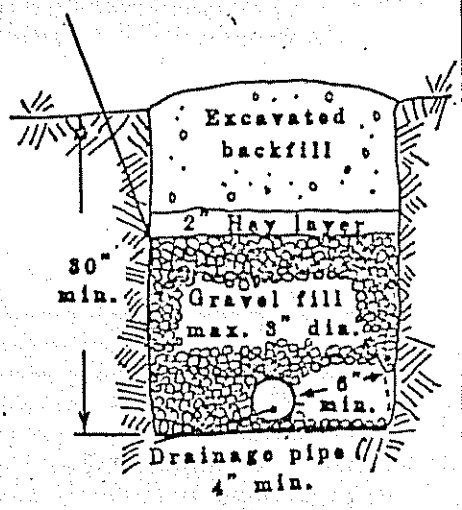
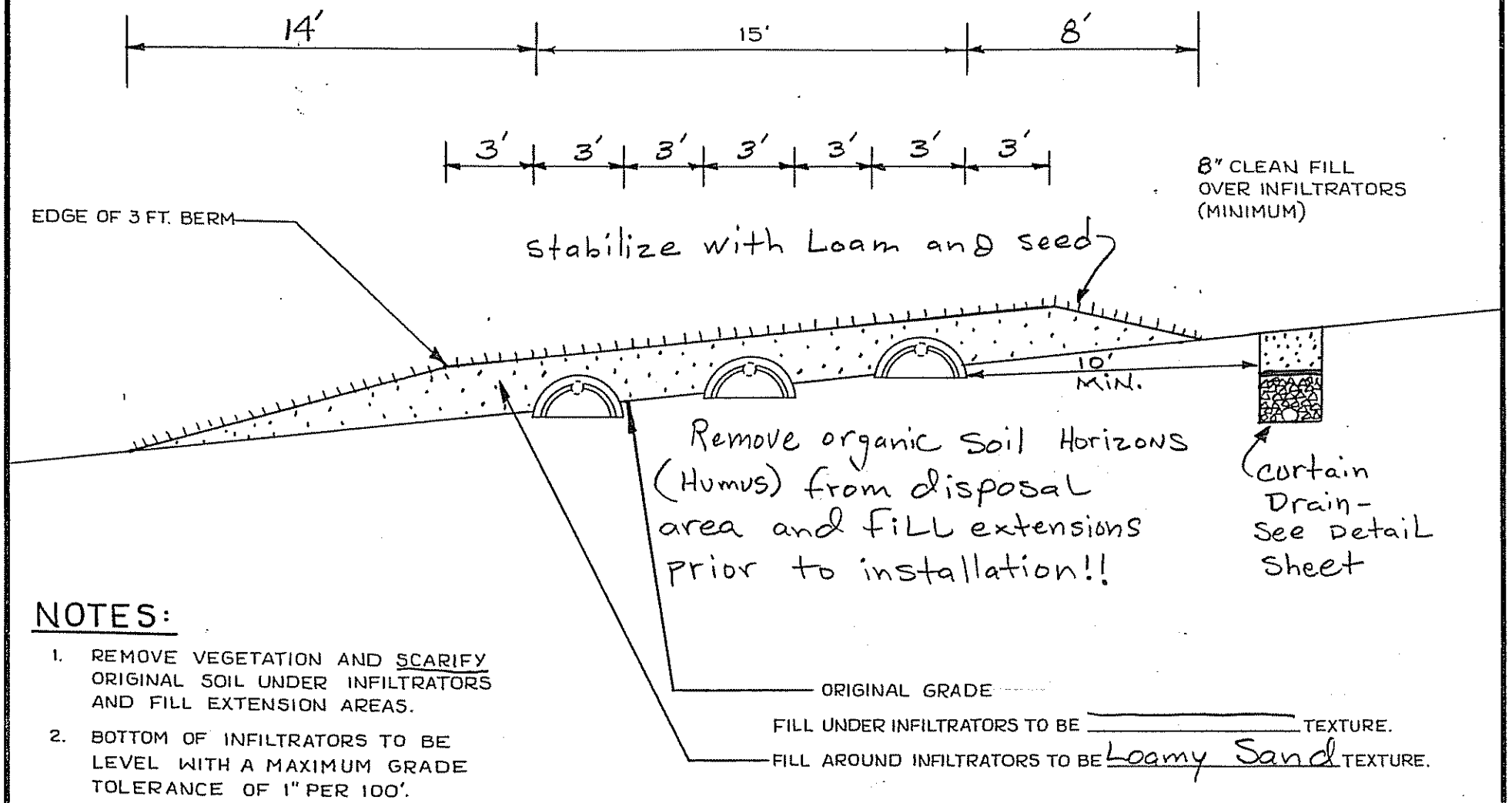


Curtain Drain

INFILTRATOR CROSS SECTION 11-12%



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.

SITE EVALUATOR: David P. Rocque		
OWNER: Darrell Bowen	NUMBER OF INFILTRATORS: 18	PERCENT SLOPE: 11
LOCATION: RT. 3 - AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -49"
DATE: 5/28/88	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -59" BOTTOM TRENCH #3 -66"