SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

M8 L24B

AUGUSTA 2597 TOWN COPY

Date Permit Issued: 1/5/93 $ 60.00 FEE ☐ If Double Fee Charged

L.P.I. # 808

Local Plumbing Inspector Signature

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA
Street Division Lot #	Ward Road

PROPERTY OWNERS NAME

Last: Marble First: John P.

Applicant Name:	Giroux and Perry
Mailing Address of Owner/Applicant (If Different)	21 Bangor street Augusta, Me. 04330

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.

Signature of Owner/Applicant — Friendship Homes — Date 11-17-92

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 1/5/93

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 _____
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
3 Acres	Rural Ponds

TYPE OF WATER SUPPLY
Drilled well (Prop.)

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 recommend
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: 45 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
Three bedroom dwelling - Min. design flow plus 14%

DESIGN FLOW: 300 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 15

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

SITE EVALUATOR STATEMENT

On 6/19/92 (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.

David P. Roegner — Site Evaluator Signature
154 — SE#
6/19/92 — Date

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

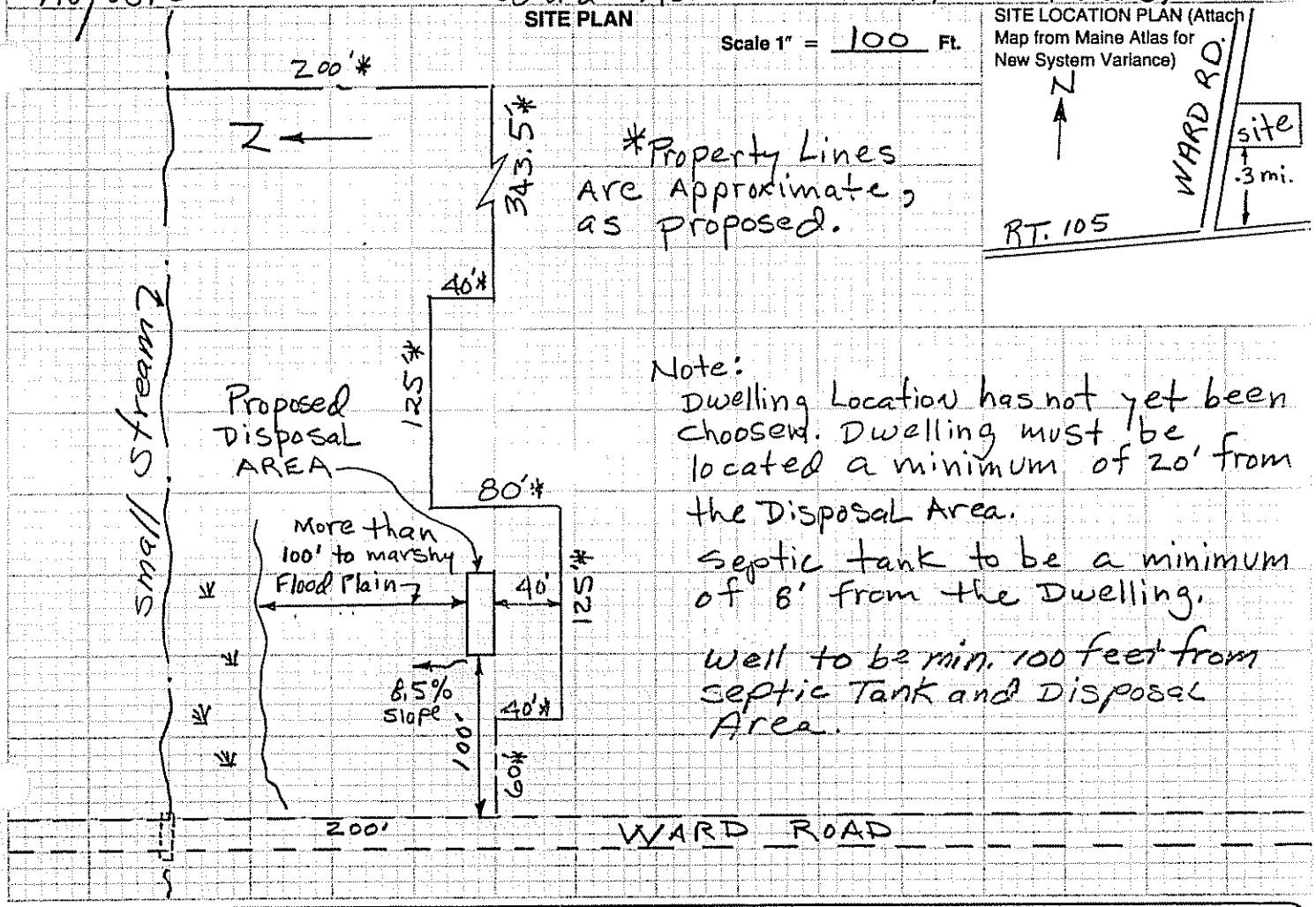
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta
Street, Road, Subdivision: Ward Rd.
Owners Name: John P. Marble

SITE PLAN

Scale 1" = 100 Ft.



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

Note:
Dwelling Location has not yet been choosen. Dwelling must be located a minimum of 20' from the Disposal Area.
Septic tank to be a minimum of 8' from the Dwelling.
Well to be min. 100 feet from Septic Tank and Disposal Area.

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	gravelly		Dark	
6	Sandy	Friable	Brown	NONE
10	Loam		yellow Brown	
15			Light olive Brown	Common Faint
20		Firm	olive Brown	
30				
40				
50				

Soil Profile	Classification Condition	Slope %	Limiting Factor	
3	C	9	15"	☒ 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	gravelly		Dark	
6	Sandy	Friable	Brown	
10	Loam		yellow Brown	NONE
15			Light olive Brown	
20		Firm	olive Brown	Few Faint
30				
40				
50				

Soil Profile	Classification Condition	Slope %	Limiting Factor	
3	C	9	24"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rocque
Site Evaluator Signature

154
SE#

6/19/92
Date

HHE-200 Rev.1/84

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

Observation Hole TP 3 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Texture	Consistency	Color	Mottling
gravelly		Dark Brown	
Sandy Loam	Friable	yellow Brown	NONE
		Light olive Brown	
			Few
	Firm	olive Brown	Faint

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	9 %	18 "	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole TP 4 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Texture	Consistency	Color	Mottling
gravelly		Dark Brown	
Sandy Loam	Friable	yellow Brown	NONE
		Light olive Brown	
			Common
	Firm	olive Brown	Distinct

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	9 %	16 "	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole TP 5 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Texture	Consistency	Color	Mottling
gravelly		Dark Brown	
Sandy Loam	Friable	yellow Brown	NONE
		Light olive Brown	
	Somewhat Firm		Few Faint
	Firm	olive Brown	Common Distinct

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C	9 %	18 "	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Texture	Consistency	Color	Mottling

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

David P. Rocque — Site Evaluator Signature

154 — SE#

6/19/92 — Date

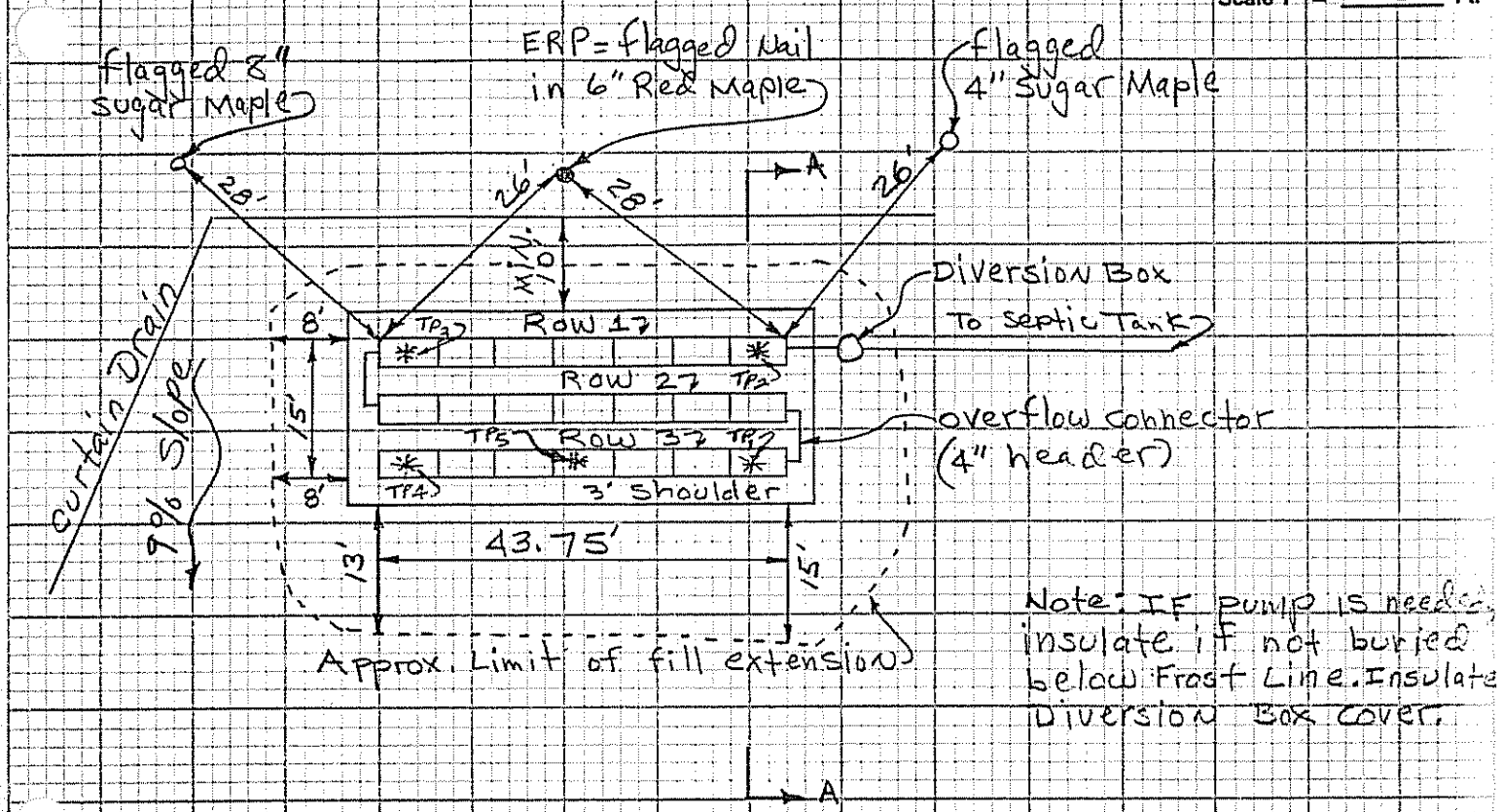
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	WARD ROAD	John P. Marble

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Note: If pump is needed, insulate if not buried below Frost Line. Insulate Diversion Box cover.

Disposal AREA to be 21 plastic chamber units in 3 rows (7 units per row) connected in serial Distribution. Do not use Low Profile chambers. Do not use "CONTACTORS".

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	18-24"	Reference Elevation is	0"	flagged Nail in base of 6" Red Maple tree
Depth of Fill (Downslope)	24-28"	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.

ROW	TOP CHAMBERS	Bottom Trench
1	-30"	-46"
2	-35"	-51"
3	-40"	-56"

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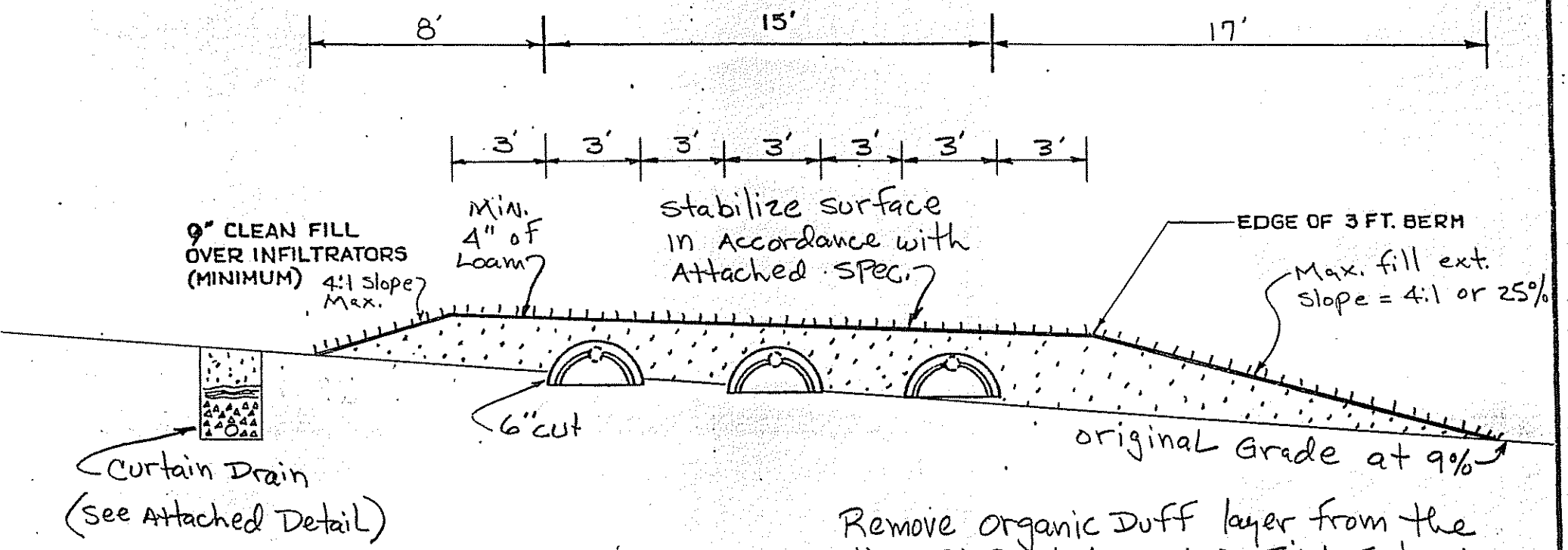
HHE-200 Rev. 1/84

INFILTRATOR CROSS-SECTION 3-4%



Remove organic Duff layer from the entire Disposal Area AND FILL Extension AREA before scarifying (Rototilling) and bringing to grade.

NOTES:

1. REMOVE VEGETATION AND SCARIFY (Rototill) 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.

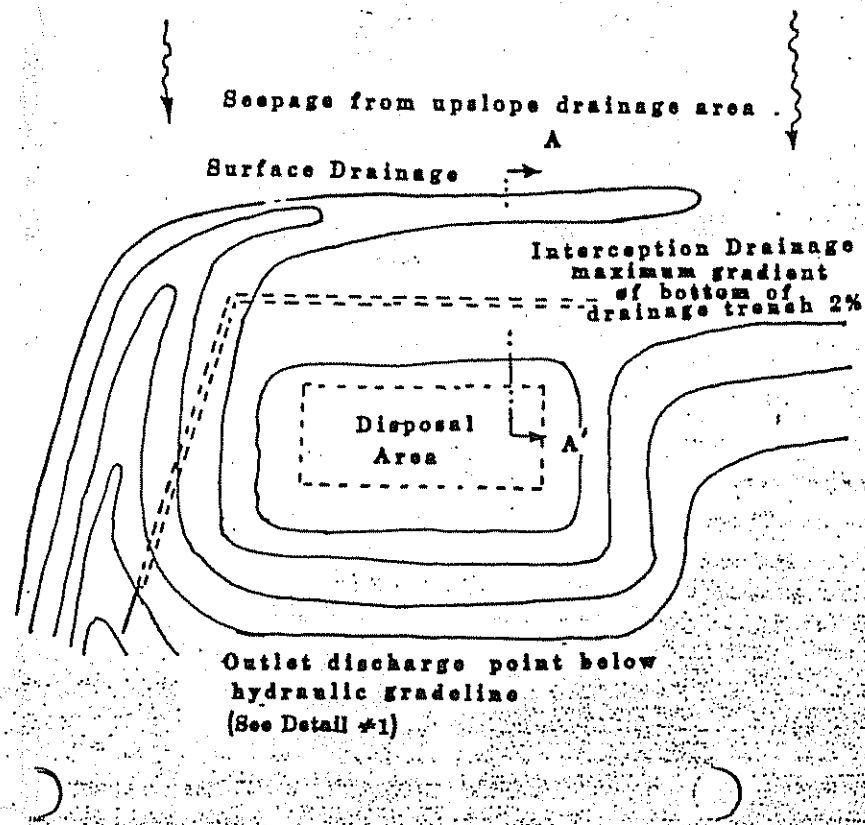
ORIGINAL GRADE 9%

FILL UNDER INFILTRATORS TO BE Gravelly Loamy Sharp Sand TEXTURE.

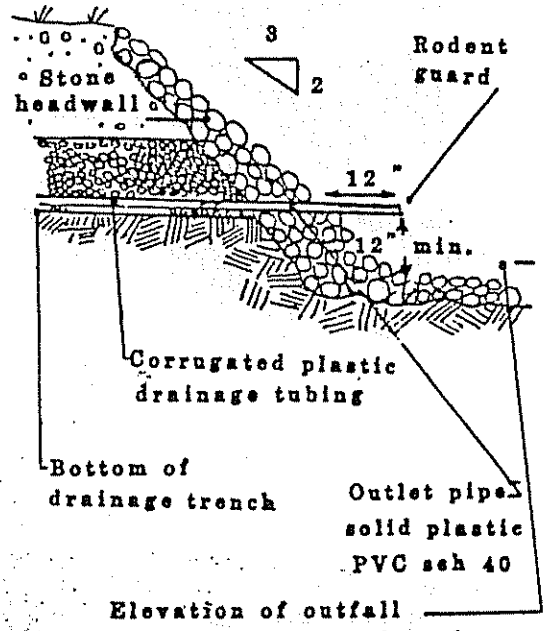
FILL AROUND INFILTRATORS TO BE Gravelly Loamy Sharp Sand TEXTURE.

SITE EVALUATOR: DAVID P. ROCQUE		
OWNER: John P. Marble	NUMBER OF INFILTRATORS: 21	PERCENT SLOPE: (original) 9
LOCATION: WARD ROAD AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -46"
DATE: 6/19/92 / SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -51"	BOTTOM TRENCH #3 -56"

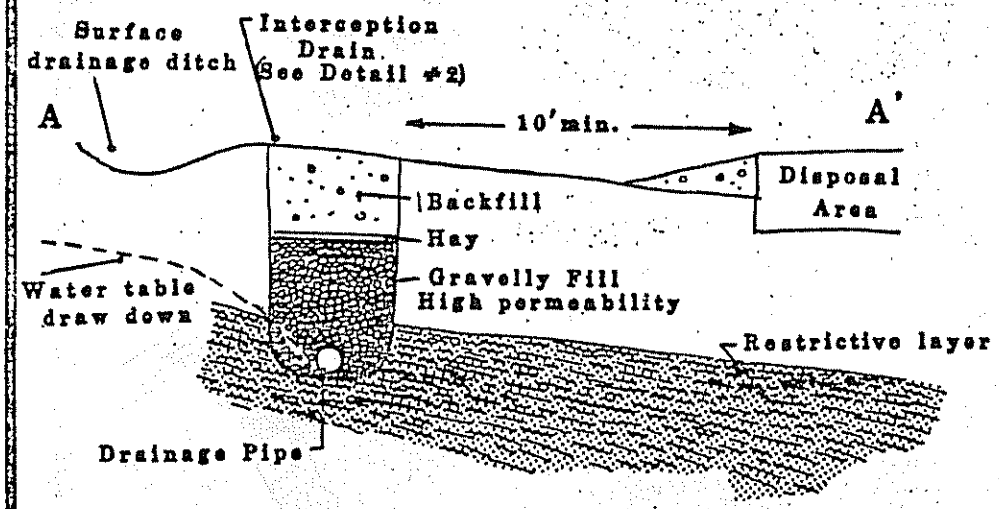
PLAN VIEW



DETAIL #1



CROSS-SECTION



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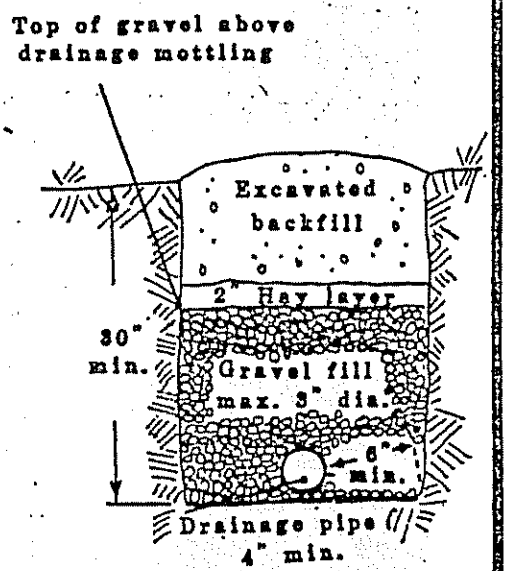

Curtain Drain