623-3033
549-7062

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: Augusta

Street Subdivision Lot #: Hayden Rd.

PROPERTY OWNERS NAME

Last: BIGGS First: John Mark

Applicant Name: Same

Mailing Address of Owner/Applicant (If Different): Route 7, Box 1340 Augusta, Me. 04330

AUGUSTA Caution PERMIT # 1,672 TOWN COPY

Date Permit Issued: 7-13-89 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. #

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.

John Mark Biggs 7/12/89

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 8-8-89

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 _____
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: 60,000 □'

ZONING: Shoreland

TYPE OF WATER SUPPLY: Drilled (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 Recommend
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: 30-50 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
Three bedroom Home – Minimum Design Flow

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

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

Plastic

DESIGN FLOW: 270 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

On 7/1/89 (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. Roque — Site Evaluator Signature
154 — SE#
7/1/89 — 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

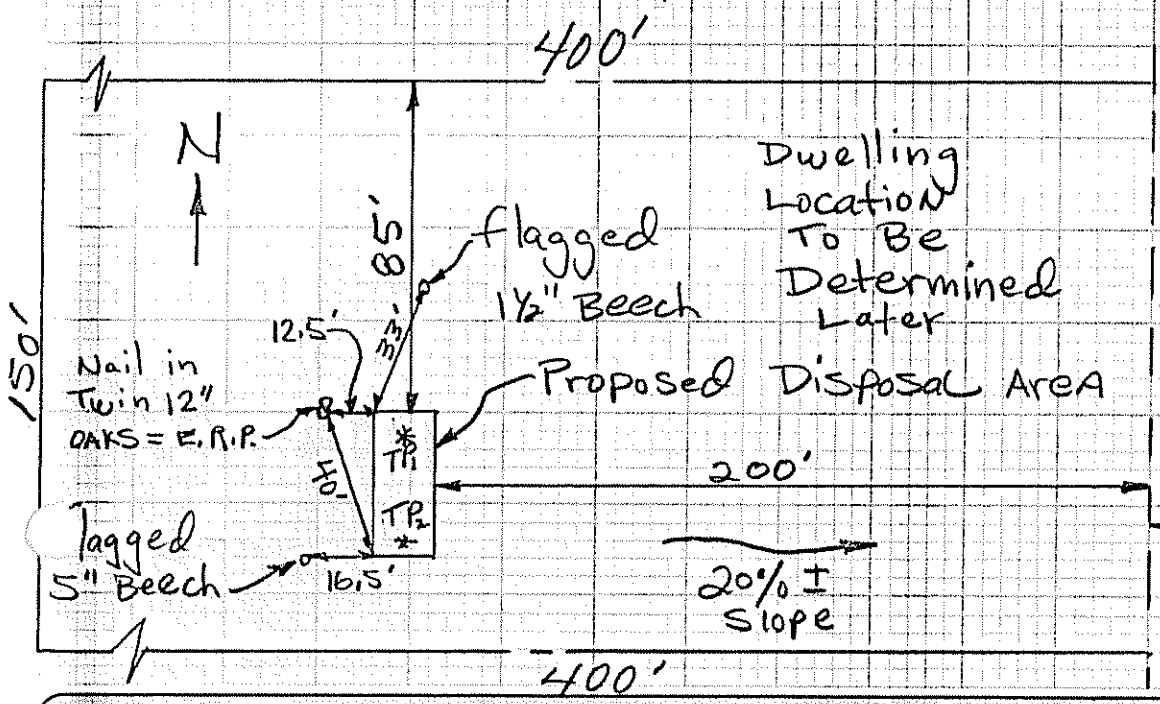
Street, Road, Subdivision: Hayden Rd.

Owners Name: John Mark BIGGS

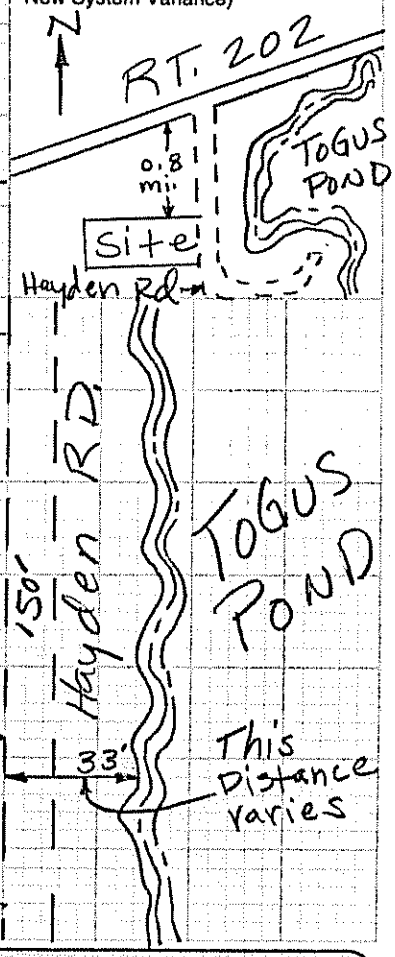
SITE PLAN

Scale 1" = 50 Ft.

Notes: Septic tank to be 8' MIN. from Dwelling. Dwelling to be 20' minimum from Disposal Area. Well to be 75' Min. from Septic tank and 100' from Disposal Area.



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



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

Observation Hole TP1 ☒ Test Pit ☐ Boring

3" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Stoney Sandy Loam	Friable	Red Brown	
V. Fine Sil.		Light	NONE
Stoney Sandy Loam		Brown	
	Firm	Olive Brown	Few Faint

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	C (Condition)	12 %	24"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP2 ☒ Test Pit ☐ Boring

3" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Stony Sandy Loam	Friable	Red Brown	NONE
		Strong Brown	
	V. Firm	Olive Brown	Few Faint

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	C (Condition)	17 %	22"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rogue — Site Evaluator Signature

154 — SE#

7/1/89 — Date

HHE-200 Rev.1/84

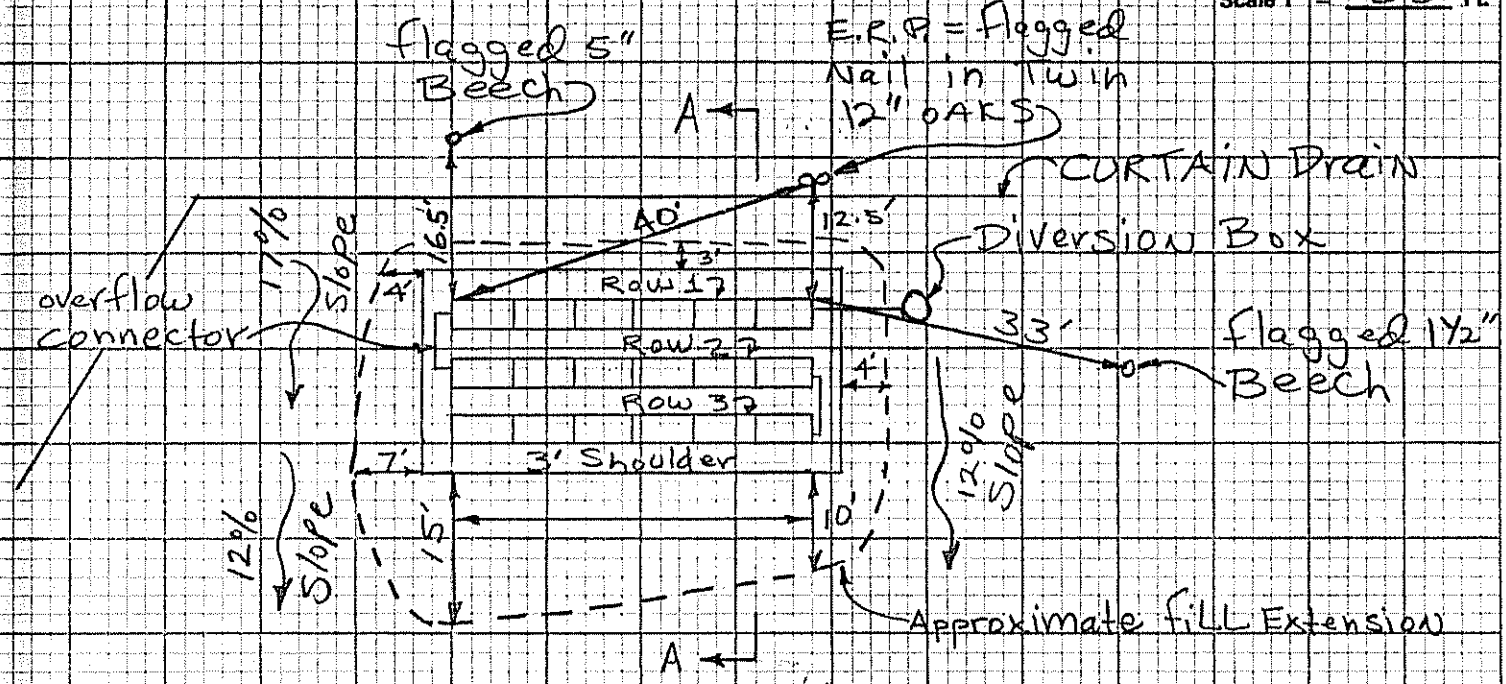
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	Hayden Rd.	John Mark BIGGS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Notes: Dwelling to be min. 8' from Septic Tank and 20' from Disposal Area. Well to be 75' Min. from Septic Tank and 100' Min. from Disposal Area. If pumping is necessary AND effluent line is buried less than 24" Deep, use Styrofoam insulation. Disposal Area to be 18 Plastic chambers in Three Row (6 units per row) in Serial Distribution.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	13"	Reference Elevation is	0"	flagged Nail in twin 12" OAK Tree.
Depth of Fill (Downslope)	13'-21"	Bottom of Disposal Area	see below	
		Top of Distribution Lines or Chambers		

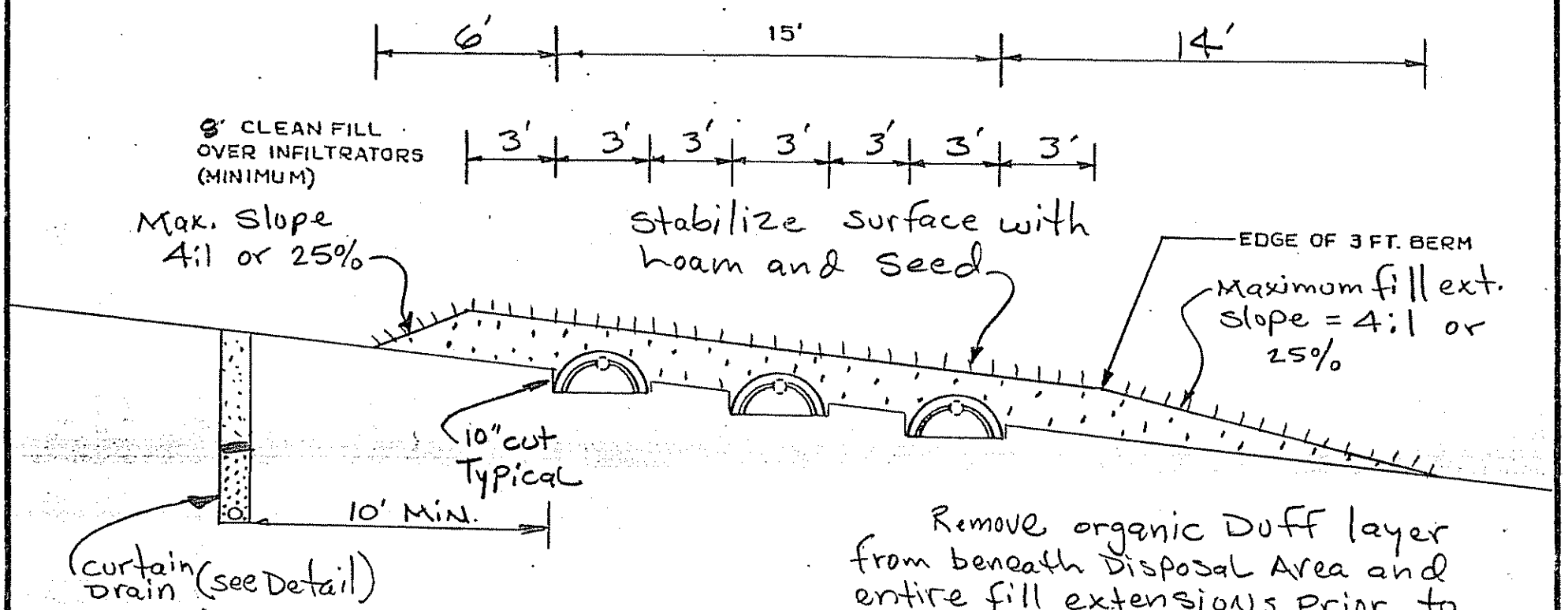
DISPOSAL AREA CROSS SECTION

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

	Top of Chambers	Bottom Trench
Row 1	-31"	-46"
Row 2	-40"	-55"
Row 3	-49"	-64"

David P. Rogue — Site Evaluator Signature
154 — SE#
7/1/89 — Date

INFILTRATOR CROSS SECTION 11-12%



Remove organic Duff layer from beneath Disposal Area and entire fill extensions prior to installation. Bring to grade with Loamy Sharp Sand.

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.

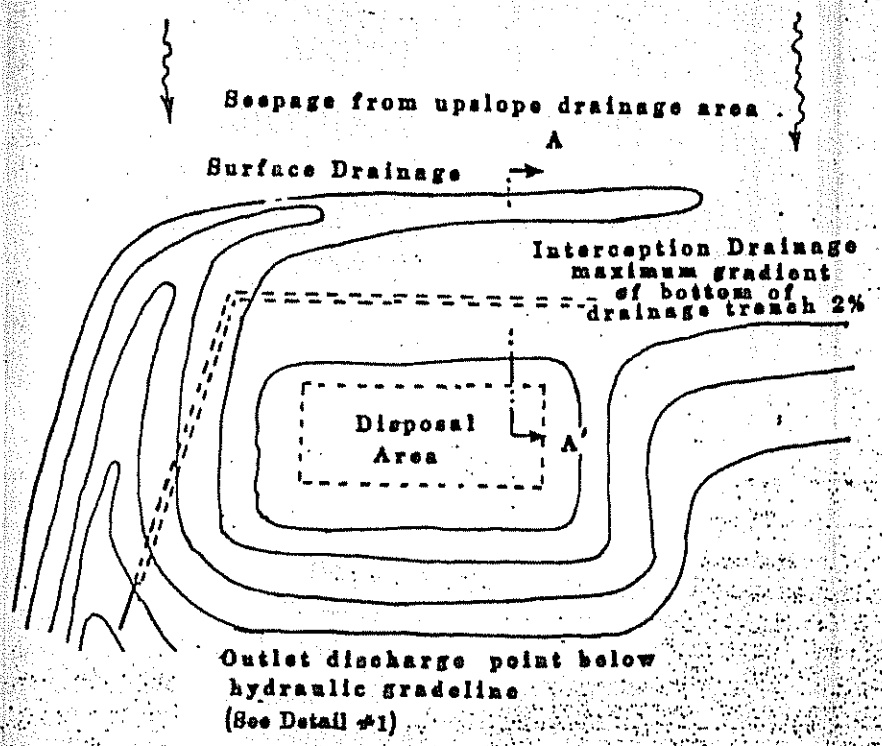
ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE Loamy Sharp Sand TEXTURE.

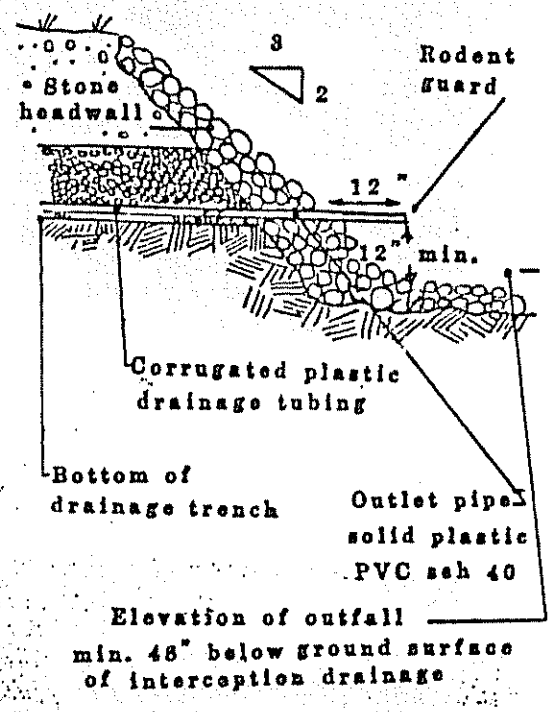
FILL AROUND INFILTRATORS TO BE Loamy Sharp Sand TEXTURE.

SITE EVALUATOR: David P. Roque			
OWNER: John Mark Biggs		NUMBER OF INFILTRATORS: 18	PERCENT SLOPE: 12
LOCATION: Hayden Rd. Augusta		ELEVATIONS: REFERENCE PT. 0"	BOTTOM TRENCH #1 -46"
DATE: 7/1/89	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -55"	BOTTOM TRENCH #3 -64"

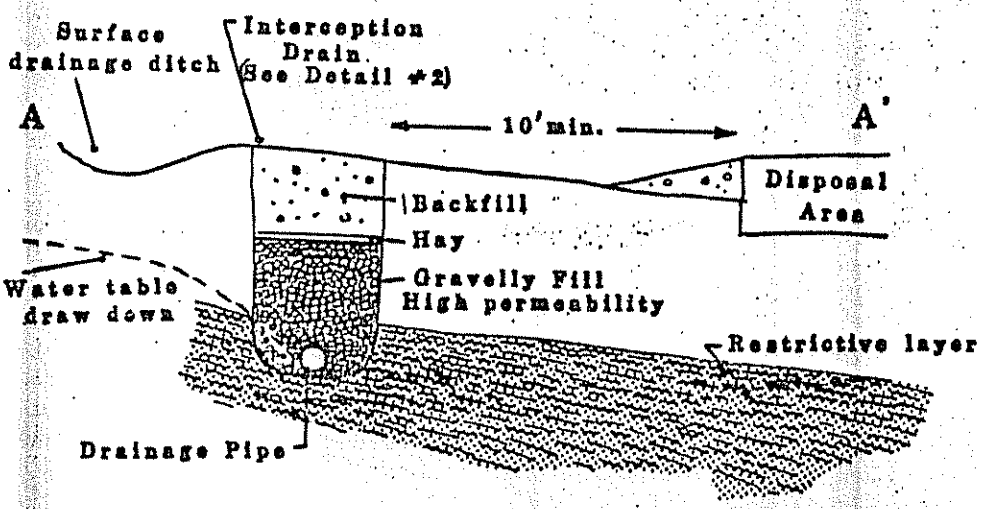
PLAN VIEW



DETAIL #1



CROSS-SECTION



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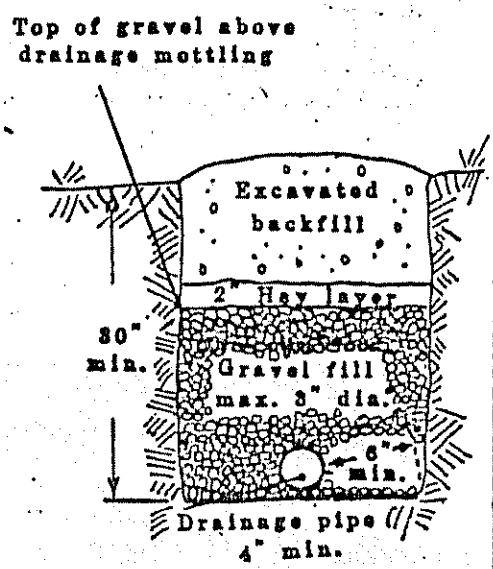

Curtain Drain