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 #	Old Belgrade Road

PROPERTY OWNERS NAME

Last: Albert First: James

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	13 Elm St. Augusta, Me. 04330

AUGUSTA PERMIT # 1,631 TOWN COPY

Date Permit Issued 6,8,89 $ 440.00 FEE ☐ Double Fee Charged

Local Plumbing Inspector Signature Gary R. Fuller L.P.I. # 1850

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.

James H. Albert 6-1-89

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.

Gary R. Fuller Aug. 7, 1990

Local Plumbing Inspector Signature Date Approved

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	TYPE OF WATER SUPPLY
40+ Ac.	Rural	Drilled Well (Prop.)

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC
SIZE: Two Tanks 1000 each In Series GALS.

WATER CONSERVATION
1. ☐ NONE recommended
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: 50-75 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
Three unit Apartment building: 1-Three bedroom 2-Two bedroom Minimum Design Flow plus 20%

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
5	C

DEPTH TO LIMITING FACTOR: 30.

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE use
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 1300 Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 765 (GALLONS/DAY)

SITE EVALUATOR STATEMENT Because of Loam Liner required for Serial Dist.

On 5/29/89 (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. Rocque 154 5/29/89

Site Evaluator Signature SE# 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

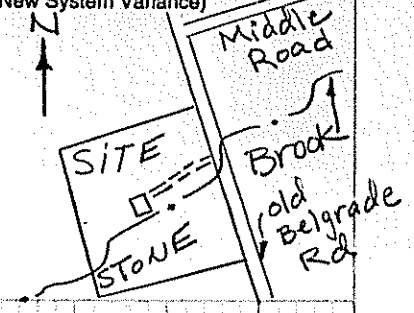
Town, City, Plantation: Augusta
Street, Road, Subdivision: Old Belgrade Rd
Owners Name: James Albert

SITE PLAN

Scale 1" = _____ Ft.

See ATTACHED PLAN

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



Notes:

1. Dwelling to be minimum of 20' from Disposal Area.
2. Dwelling to be 8' minimum from Septic Tanks
3. Well to be minimum of 100' from Disposal Area and Septic Tank.
4. Two 1000 gallon Septic Tanks to be used in Series. Recommend Using a Zabel Filter or equivallent on outlet end of second tank in series.
5. Infiltrator bed to be 52 infiltrator units in 4 rows (13 per row) connected in Serial Distribution.

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

Observation Hole TP1 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Sandy Loam	Friable	Dark Brown	NONE
6–15	Fine and Medium Sand		Red to Yellow Brown	
15–30		Somewhat Firm in place	Light Brown	Few Faint

Soil (Profile)	Classification (Condition)	Slope	Limiting Factor	
5	C	9%	30"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP2 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Sandy Loam	Friable	Dark Brown	NONE
6–15	Fine and Medium Sand		Red to Yellow Brown	
15–30		Somewhat Firm in place	Light Brown	Few Faint

Soil (Profile)	Classification (Condition)	Slope	Limiting Factor	
5	C	12%	30"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rocque
Site Evaluator Signature

154
SE#

5/29/89
Date

HHE-200 Rev. 1/84

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

Observation Hole B1 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Sandy Loam		Dark Brown	
Fine and Medium Sand	Friable	Red Brown	NONE
		Light Brown	
Limit of Boring			

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	9 %	NONE	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole B2 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Sandy Loam	Friable	Dark Brown	
Fine and Medium Sand		Red to Yellow Brown	NONE
Limit of Boring			

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	9 %	NONE	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole B3 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Sandy Loam		Dark Brown	
Fine and Medium Sand	Friable	Red to Yellow Brown	NONE
Limit of Boring			

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	12 %	NONE	☐ 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)

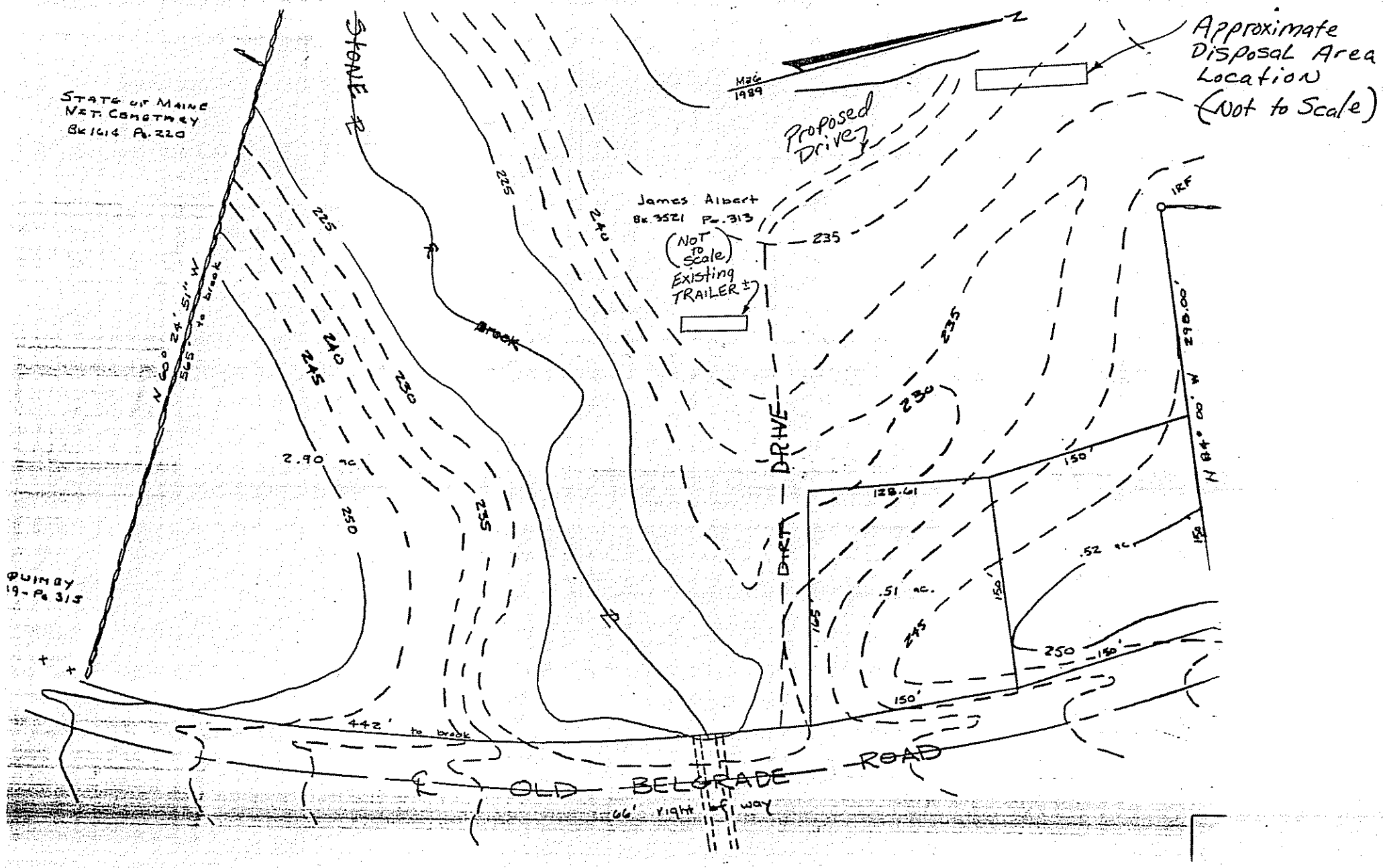
Texture	Consistency	Color	Mottling

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

David P. Roegner — Site Evaluator Signature

154 — SE#

5/29/89 — Date



Approximate Disposal Area Location (Not to Scale)
Proposed Drive
James Albert
Bk. 3521 Pg. 313
(Not to Scale)
Existing TRAILER ±
STATE OF MAINE
NAT. CEMETERY
Bk 1614 Pg. 220
STONE
Brook
DIRT DRIVE
OLD BELGRADE ROAD
66' right of way
442' to brook
N 60° 24' 51" W
565' to brook
N 84° 00' W 298.00'
2.90 ac
.51 ac.
.52 ac
128.61
150'
165'
IRF
225
230
235
240
245
250

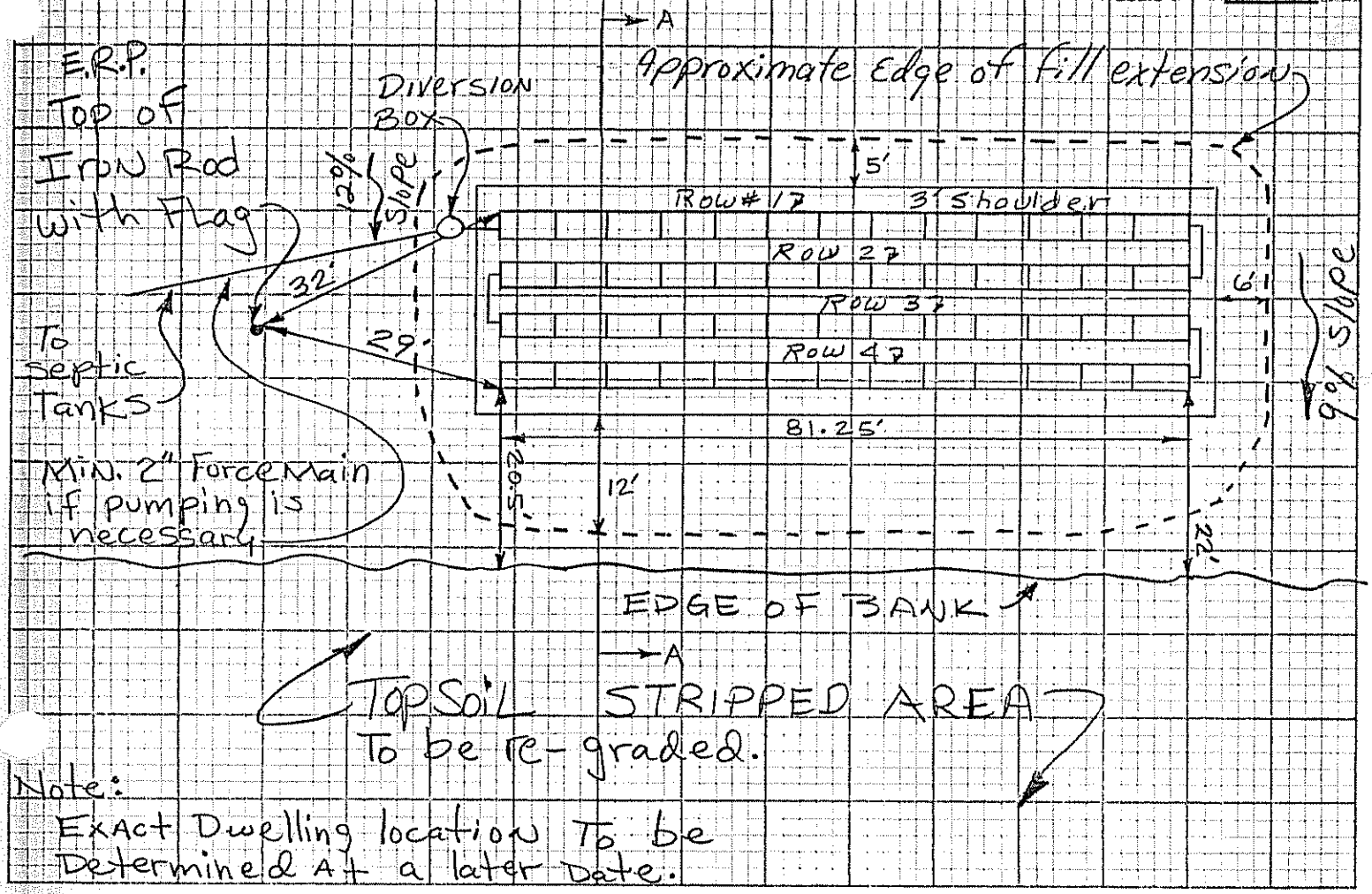
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Old Belgrade Rd.	James Albert

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



Note:
Exact Dwelling location To be
Determined At a later Date.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	18"	Reference Elevation Is	0"	Top of iron pin at Southern end of Bed
Depth of Fill (Downslope)	18"	Bottom of Disposal Area	See Below	
		Top of Distribution Lines or Chambers	—	

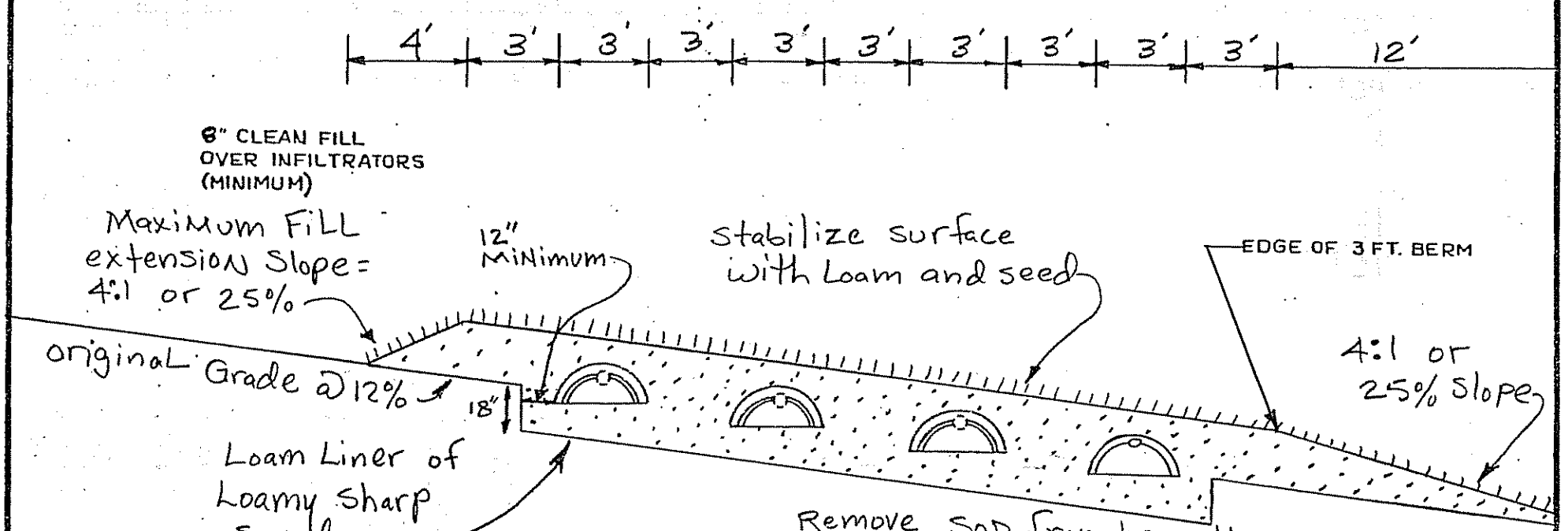
DISPOSAL AREA CROSS SECTION

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

Top of Chambers	Bottom of Trench	
11"	-26"	Row 1
19"	-34"	Row 2
27"	-42"	Row 3
36"	-51"	Row 4

David P. Rocque — Site Evaluator Signature
154 — SE#
5/29/89 — Date

INFILTRATOR CROS SECTION 12-14%



Remove Sod from beneath Disposal Area and fill extensions. Excavate 12" below bottom grade of infiltrators and bring to grade with Loamy Sharp Sand fill before installing infiltrators.

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. ROCQUE		
OWNER: James ALBERT	NUMBER OF INFILTRATORS: 52	PERCENT SLOPE: 9%-12%
LOCATION: STONEY Brook OLD BELGRADE ROAD	ELEVATIONS: REFERENCE PT. 0"	BOTTOM TRENCH #1 -26"
DATE: 5/29/89 SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -34"	BOTTOM TRENCH #3 -42"
	Bottom Trench #4 -51"	