SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, SHS 10
(207) 287-5672 Fax (207 287-3165

PROPERTY LOCATION

City, Town, Plantation	AUGUSTA
Street or Road	RT. 17 Eastern Ave.
Subdivision, Lot #	669 Eastern Ave.

>> Caution Permit Required -- Attach in Space Below <<

AUGUSTA PERMIT # 5597 OWN COPY
Date Permit Issued: 5/20/05 $ 100.00 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 550

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Lindsey Johanna ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant	669 Eastern Ave. Augusta, Me. 04330
Daytime Tel. #	622-0375

Municipal Tax Map # 11 Lot # 94

Owner or Applicant Statement

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant — Date 5/6/05

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) Date Approved 7/17/05 — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type Replaced: Trench
  - Year Installed: 1965 I.C.
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES

- ☒ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENTS

- ☒ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: ____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, ____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: ____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

2.3 ☐ sq. ft. ☒ acres

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☐ 1. Single Family Dwelling Unit, No of bedrooms: ____
- ☒ 2. Multiple Family Dwelling, No. of Units: 2
- ☐ 3. Other: ____ (specify)

Current Use: ☐ Seasonal ☐ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY

☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☒ 4. Public ☐ 5. Other:

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3

TREATMENT TANK

- ☒ 1. Concrete
  - ☒ a. Regular
  - ☐ b. Low profile
- ☐ 2. Plastic
- ☐ 3. Other: ____

CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ☒ 3. Proprietary Device
  - ☐ a. Cluster array ☒ c. Linear
  - ☒ b. Regular load ☐ d. H-20 load
- ☐ 4. Other: ____

SIZE 1050 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

☒ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. Multi-compartment Tank
- ☐ b. ____ Tanks in Series
- ☐ c. Increase in Tank Capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

320 gallons per day

BASED ON:

- ☒ 1. Table 501.1 (dwelling unit(s)
- ☐ 2. Table 502.2 (other facilities)

SHOW CALCULATIONS -- for other facilities --

Two - 1 bedroom Apts. USE 160g Per unit.

- ☐ 3. Section 503.0 (meter readings)

ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
12	C	1

at Observation Hole # 1

Depth 24" Elevation -60"

OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING

- ☐ 1. Small -- 2.0 sq. ft./gpd
- ☐ 2. Medium -- 2.6 sq. ft./gpd
- ☒ 3. Medium-Large -- 3.3 sq. ft./gpd
- ☐ 4. Large -- 4.1 sq. ft./gpd
- ☐ 5. Extra-Large -- 5.0 sq. ft./gpd

EFFLUENT/EJECTOR PUMP

- ☐ 1. Not Required
- ☒ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: ____ gallons

SITE EVALUATOR STATEMENT

I certify that on 5/6/05 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

David P. Rocque	154	5/6/05
Site Evaluator Signature	SE #	Date
David P. Rocque	622-7487	
Site Evaluator Name Printed	Telephone #	

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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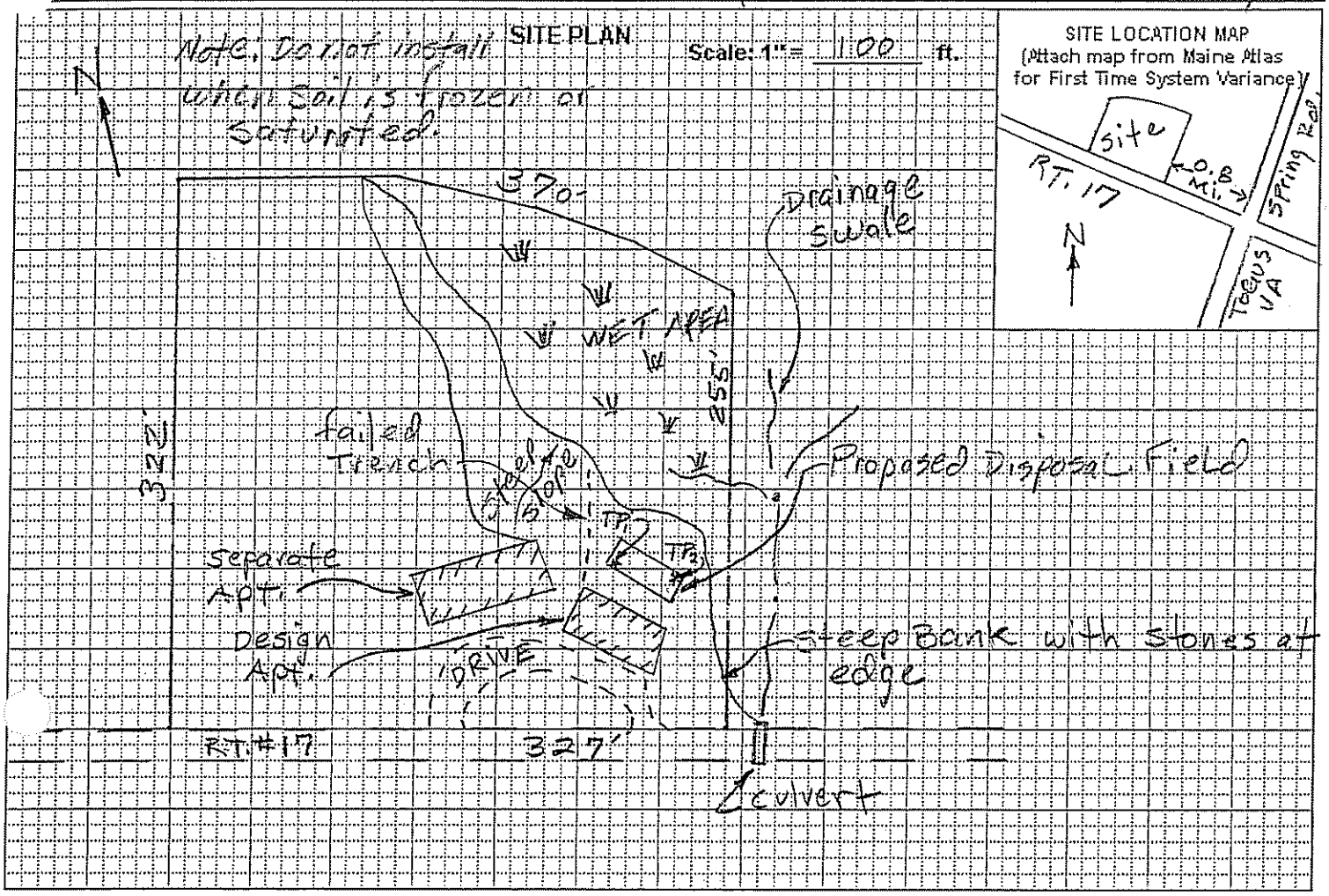
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	Eastern AVE (669)	Johanna Lindsey

SITE PLAN

Scale: 1" = 100 ft.



SOIL PROFILE 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	gravelly fine Sandy Loam Fill	Friable	Mixed Brown	None observed
24–30	Large Rocks			
36–42	USE Profile 3 for Design			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
12	C	13	24	☐ Groundwater ☒ 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	gravelly fine Sandy Loam FILL	Friable	Mixed Browns	None observed
24–30	ROCKS			
36–42	USE Profile 3 for Design			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
12	C	8	24	☐ Groundwater ☒ Restrictive Layer ☐ Bedrock

David P. Rogue — Site Evaluator Signature

154 — SE #

5/6/05 — Date

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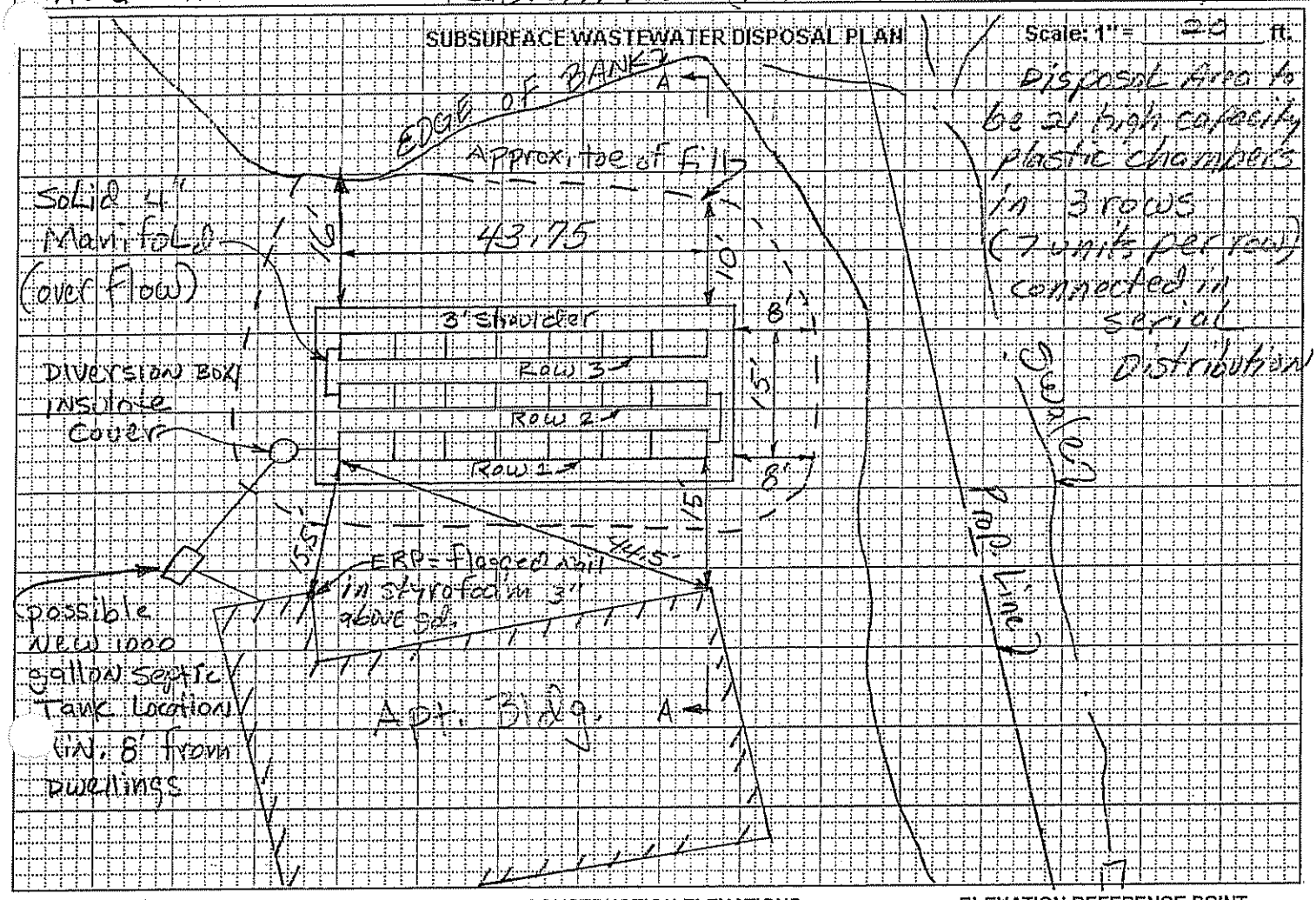
AUGUSTA	Eastern AVE. (RT. #17)	Johanna Lindsey

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Backfill (upslope)	18"	Finished Grade Elevation	See Below"	Location & Description:	flagged nail in Cor. Fdn. Styrofoam
Depth of Backfill (downslope)	18-24"	Top of Distribution Pipe or Proprietary Device	"		
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	"	Reference Elevation is: 0.0" or:	

DISPOSAL FIELD CROSS-SECTION

Elevations based on 16" high plastic chambers

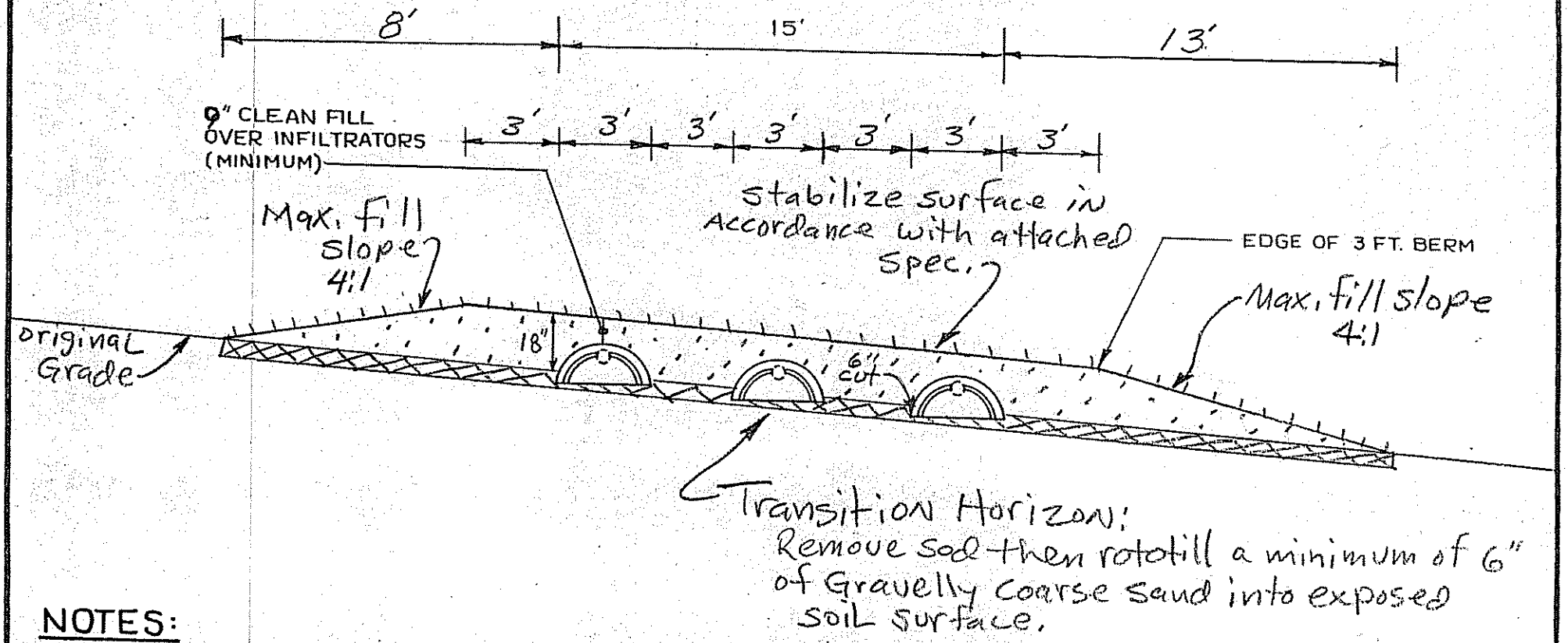
Scales:
Vertical: 1" = ft.
Horizontal: 1" = ft.

Row #	Bottom Trench	Top Chambers	Finished Grade
1	-40"	-24"	-15"
2	-47"	-31"	-22"
3	-54	-38"	-29"

Note: use high capacity plastic chambers

David P. Rocque — Site Evaluator Signature
154 — SE #
5/6/05 — Date

INFILTRATOR CROSS SECTION 7-8%



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 8%

FILL UNDER INFILTRATORS TO BE Gravelly Coarse Sand TEXTURE.

FILL AROUND INFILTRATORS TO BE Gravelly Coarse Sand TEXTURE.

Gravelly Coarse Sand: Max. 4% fine Sand & Silt; 15%-30% gravel

SITE EVALUATOR: David P. Ricque			
OWNER: Johanna Lindsey		NUMBER OF INFILTRATORS: 21	PERCENT SLOPE: 8
LOCATION: Augusta 669 Eastern Ave.		ELEVATIONS: REFERENCE PT. 0"	BOTTOM TRENCH #1 -40"
DATE: 5/6/05	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -47"	BOTTOM TRENCH #3 -54"