SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, Plantation: Augusta

Street or Road: OLD Belgrade Road

Subdivision, Lot #:

>> Caution: Permit Required -- Attach In Space Below <<

AUGUSTA 4459 TOWN COPY
Date Permit Issued: 7/25/00 $ 100.00 FEE ☐ If Double Fee Charged
L.P.I. # 850
Local Plumbing Inspector Signature

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Parker Nicole (Owner / Applicant)

Mailing Address of ☑ Owner ☐ Applicant: 30 old Winthrop Rd, Apt. 205, Augusta, Me. 04330-4955

Daytime Tel. #: 624-9041

Municipal Tax Map # 17 Lot # 9

Owner or Applicant Statement

I state 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.

Nicole A. Parker — 7-19-00
Signature of Owner or Applicant — Date

Caution: Inspections 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 8/21/00 — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION
1. ☒ First Time System
2. ☐ Replacement System
Type Replaced: ____
Year Installed: ____
Expanded System
a. ☐ One-time exempted
b. ☐ Non-exempted
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 COMPONENT(S)
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
0.80 ☐ sq. ft. ☒ acres

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
1. ☒ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling, No. of Units: ____
3. ☐ Other: ____ SPECIFY

TYPE OF WATER SUPPLY
1. ☒ Drilled Well (Proposed) 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 1200 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
1. ☒ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
a. ☐ Multi-compartment Tank
b. ☐ Tanks In Series
c. ☐ Increase in Tank Capacity
d. ☐ Filter on Tank Outlet

DESIGN FLOW
270 gallons per day
BASED ON:
1. ☒ Table 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)
SHOW CALCULATIONS
-- for other facilities --
3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
8 / D / 3
at Observation Hole # 4
Depth 13 " Elevation -51 "
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

PUMPING
1. ☐ Not Required
2. ☒ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:
DOSE: gallons

SITE EVALUATOR STATEMENT

I certify that on 7/19/00 (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 — 7/19/00
Site Evaluator Signature — SE # — Date

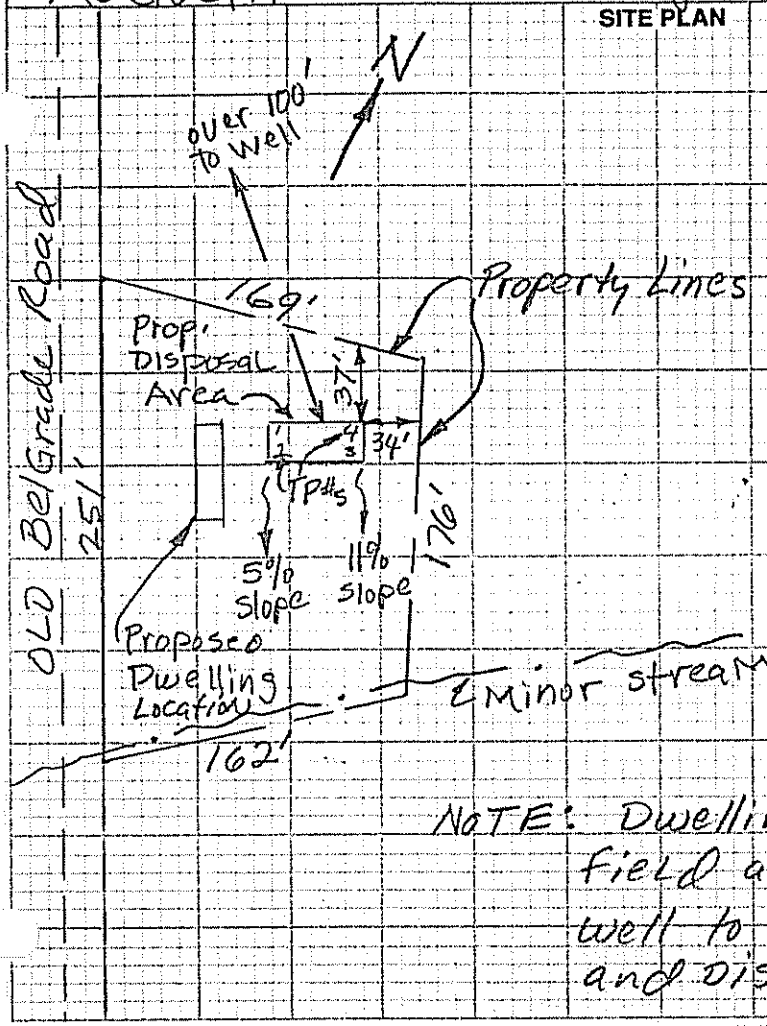
David P. Rocque — (207) 622-7487
Site Evaluator Name Printed — Telephone #

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

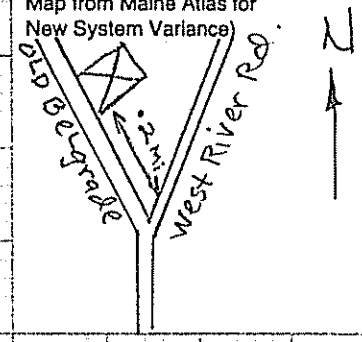
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	OLD Belgrade Rd.	Nicole Parker

SITE PLAN Scale 1" = 20 Ft.



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



NOTE: Do Not install when soil is saturated or frozen.

NOTE: Dwelling to be min. 20' from Disposal field and 8' from septic Tank. well to be min. 100' from septic Tank and Disposal Field.

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

Observation Hole TP 1 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Loam		Dark Brown	NONE observed
6–15		Friable	Dark yellow Brown	
15–30	Silt Loam & V. Fine Sandy Loam	Firm	olive	Few Faint

Soil Profile	Classification Condition	Slope	Limiting Factor	
8	C	5 %	24"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP 2 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	gravelly fine Sandy Loam		Dark Brown	NONE observed
6–15		Friable	Dark yellow Brown	
15–30	Silt Loam & V. Fine Sandy Loam	Firm	olive	Few Faint

Soil Profile	Classification Condition	Slope	Limiting Factor	
7	C	5 %	20"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rogue — Site Evaluator Signature

154 — SE#

7/19/00 — Date

HHE-200 Rev. 1/84

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

Observation Hole TP3 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–6	Loam	Friable	Dark Brown	None observed
6–15			Yellow Brown	
15–20	Silt Loam & V. Fine Sandy Loam	Firm	Olive	Few Faint

Soil	Classification	Slope	Limiting Factor	
8 (Profile)	C (Condition)	11 %	___ "	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole TP4 ☒ Test Pit ☐ Boring

___ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–6	Loam	Friable	Dark Brown	None observed
6–15			Light Brown	
15–20	Silt Loam & V. Fine Sandy Loam	Firm	Olive	Few Faint

Soil	Classification	Slope	Limiting Factor	
8 (Profile)	D (Condition)	11 %	13 "	☒ 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)

Depth	Texture	Consistency	Color	Mottling
0–50				

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

Observation Hole ___ ☐ Test Pit ☐ Boring

___ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0–50				

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

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7/19/00 — Date

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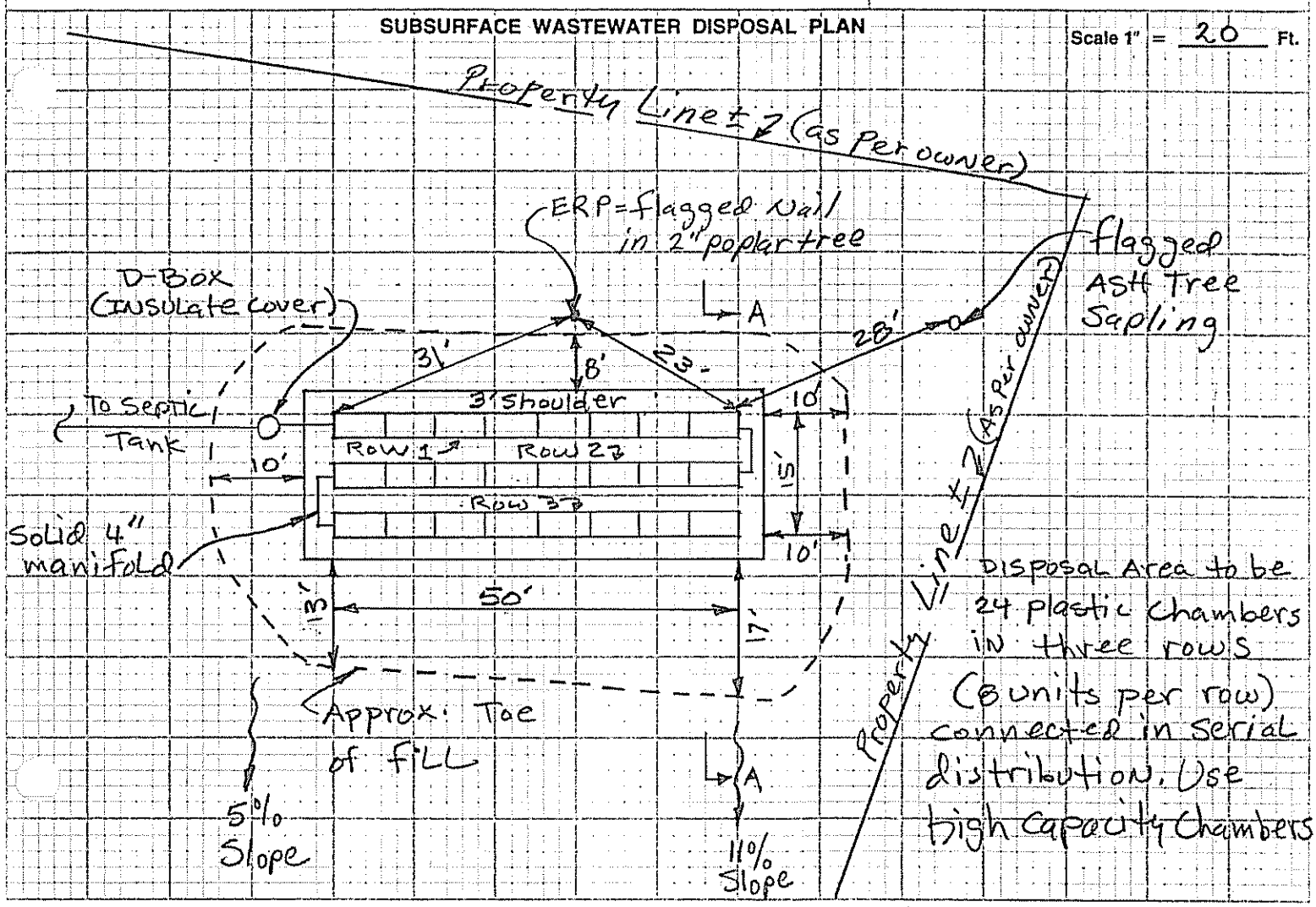
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	30"	Reference Elevation is	0"	Flagged Nail in 2" poplar Tree 18" above gd.
Depth of Fill (Downslope)	30-42"	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 Chambers
1	-16"	-32"
2	-20"	-36"
3	-24"	-40"

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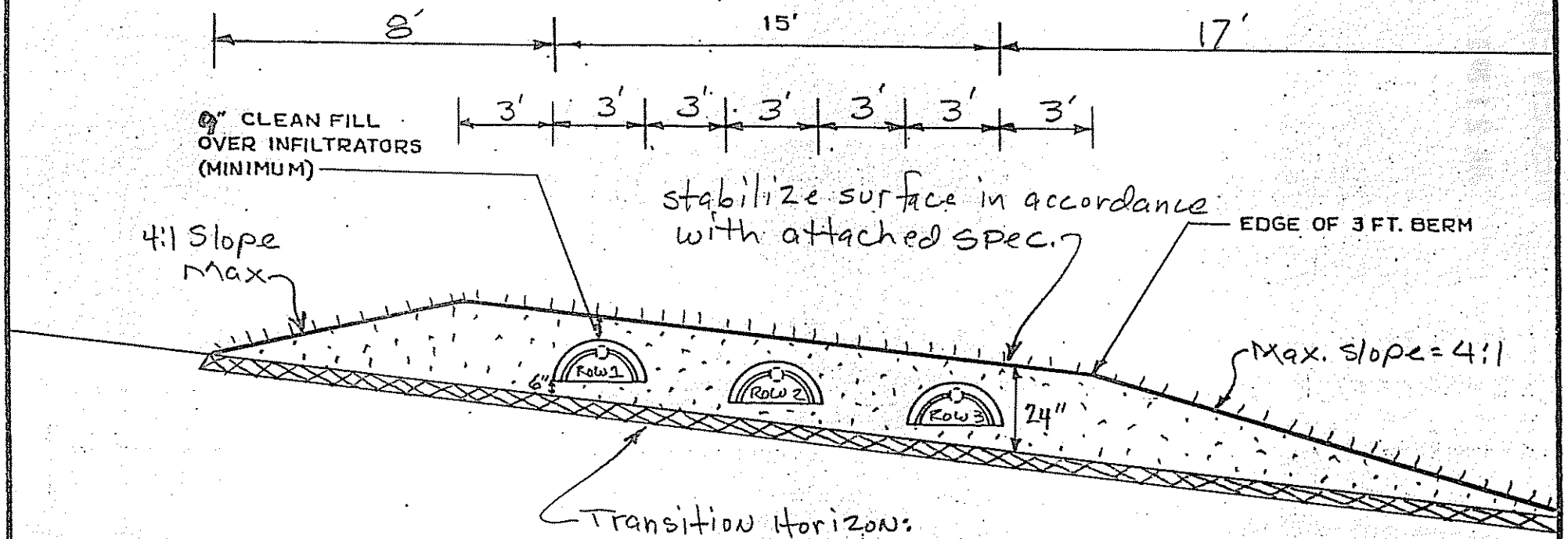
INFILTRATOR CROSS SECTION 11-12%



Transition Horizon:
Remove organic soil horizon or sod then rototill into soil surface beneath chambers and fill extension a minimum of 6" of gravelly coarse 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 5%-11%

FILL UNDER INFILTRATORS TO BE gravelly coarse sand* TEXTURE.

FILL AROUND INFILTRATORS TO BE gravelly coarse sand* TEXTURE.

Gravelly Coarse Sand: 4%-6% fine sand + silt and 15%-30% gravell < 3" dia.

SITE EVALUATOR: David P. Rocque		
OWNER: Nicole Parker	NUMBER OF INFILTRATORS: 24	PERCENT SLOPE: 5%-11%
LOCATION: AUGUSTA OLD Belgrade Road	ELEVATIONS: REFERENCE PT. 0"	BOTTOM TRENCH #1 -32"
DATE: 7/19/00	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -36" BOTTOM TRENCH #3 -40"