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	390 CHURCH HILL RD.
Subdivision, Lot #	

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

AUGUSTA Date Permit Issued: 9/1/99 4259 $ 100.00 TOWN COPY ☐ # Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 550

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	GRANT TOM (Owner / Applicant)
Mailing Address of ☑ Owner ☐ Applicant	17 SKYLINE AVE. RANDOLPH, ME. 04346
Daytime Tel. #	582-5994

Not to scale Drawn Attached

Municipal Tax Map # 7 Lot # 23-23-B

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.

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 _____ (2nd) Date Approved _____

PERMIT INFORMATION

TYPE OF APPLICATION
1. ☑ First Time System
2. ☐ Replacement System
Type Replaced: _____
Year Installed: _____
3. ☐ 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
☐ sq. ft. ☑ acres: 18 AC.

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 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 1,000 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 900 ☐ 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
3 / C / 1
at Observation Hole # 1
Depth 30" Elevation 16"
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 7/16/99 (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).

RECEIVED SEP 1 1999

Site Evaluator Signature _____ SE # 256 Date 7/17/99

Site Evaluator Name Printed JOHN PHILBRICK Telephone # 547-3732

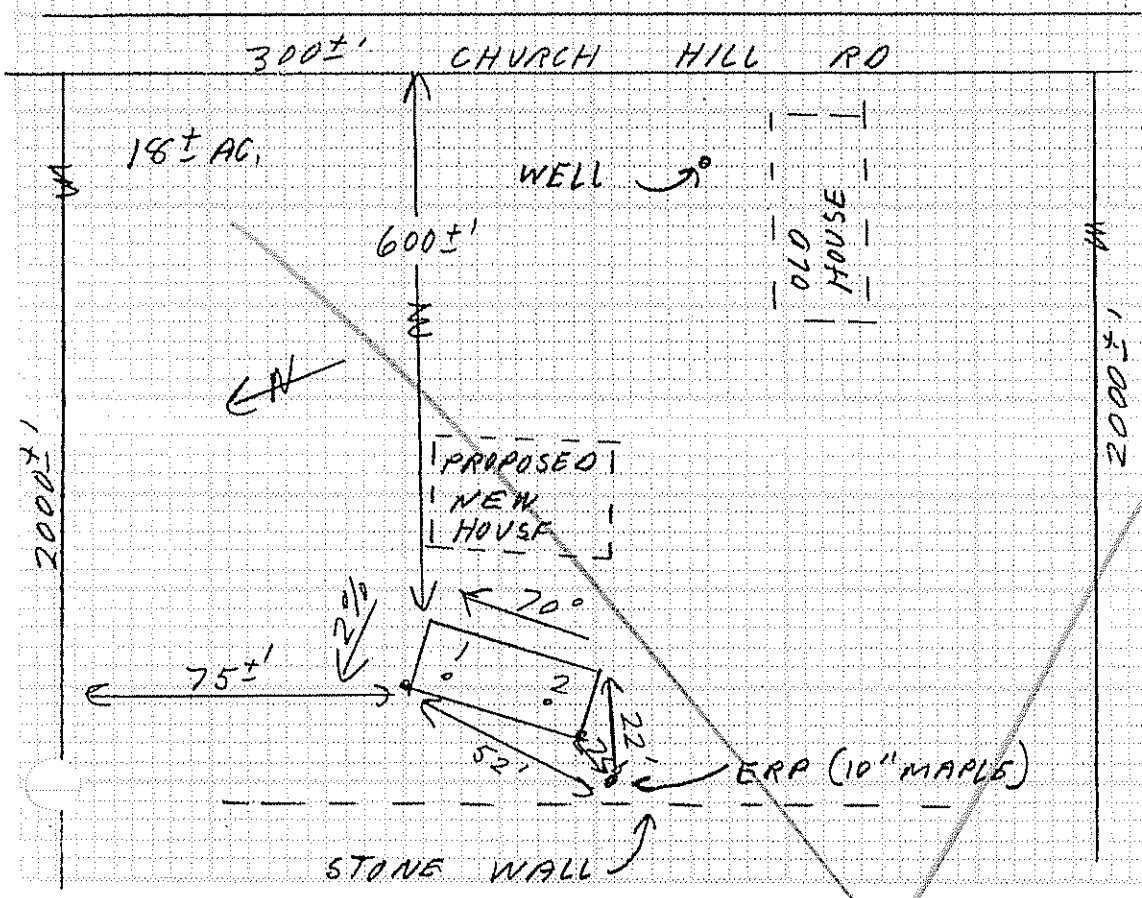
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

07189626

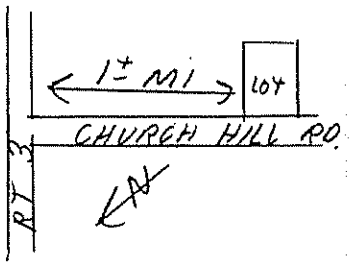
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	CHURCH HILL RD.	TOM GRANT

SITE PLAN

Scale: 1" = 50 Ft. or as shown



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



20'X45' BED
FLAGS MARK
CORNERS

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole 1 — ☑ Test Pit ☐ Boring

2± " Depth of Organic Horizon Above Mineral Soil

Inches	Texture	Consistency	Color	Mottling
0–6	SANDY LOAM	FRIABLE	DARK BR. YELLOW BR.	NONE
6–15				
15–20	FINE SANDY LOAM	FIRM	GRAY	COMMON DISTINCT
20–50				

Soil Profile: 3 — Classification Condition: C — Slope: 2 % — Limiting Factor: 16 — ☑ Ground Water ☑ Restr. Layer ☐ Bedrock

Observation Hole 2 — ☑ Test Pit ☐ Boring

2± " Depth of Organic Horizon Above Mineral Soil

Inches	Texture	Consistency	Color	Mottling
0–6				
6–15				
15–20		SAME AS #1		
20–50				

Soil Profile: 3 — Classification Condition: C — Slope: 2 % — Limiting Factor: 16 — ☑ Ground Water ☑ Restr. Layer ☐ Bedrock

Site Evaluator Signature — SE# 256 — Date 7/17/99

Approved for use as HHE 200 by Division of Health Engineering 9/87

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

08246445

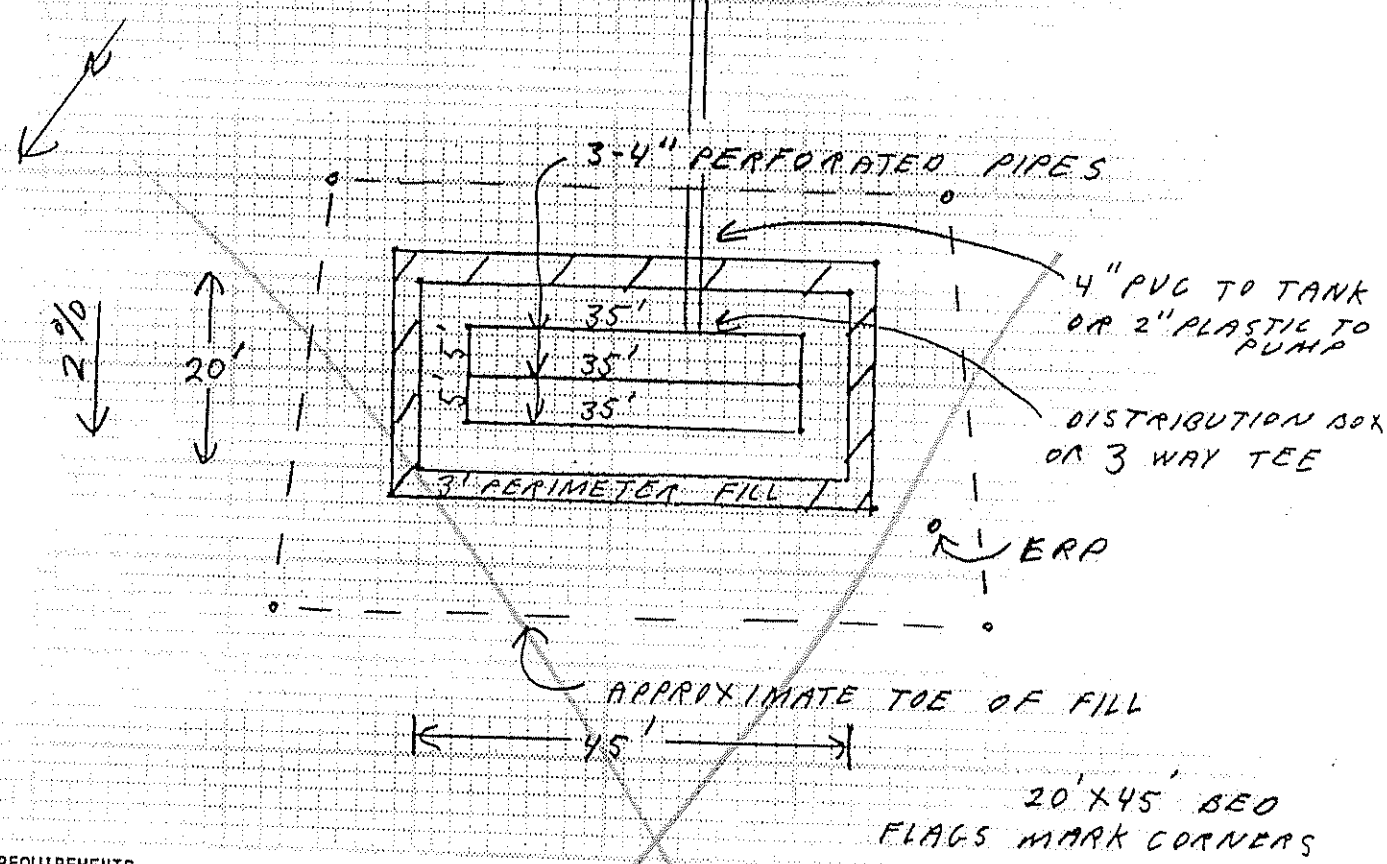
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: CHURCH HILL RD.

Owner's Name: TOM GRANT

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 Ft. or as shown



20'X45' BED
FLAGS MARK CORNERS

FILL REQUIREMENTS

Depth of Fill (Upslope) 20"

Depth of Fill (Downslope) 25"

CONSTRUCTION ELEVATION

Reference Elevation is 0"

Bottom of Disposal Area -34"

Top of Distribution Lines or Chambers -23"

ELEVATION REFERENCE POINT

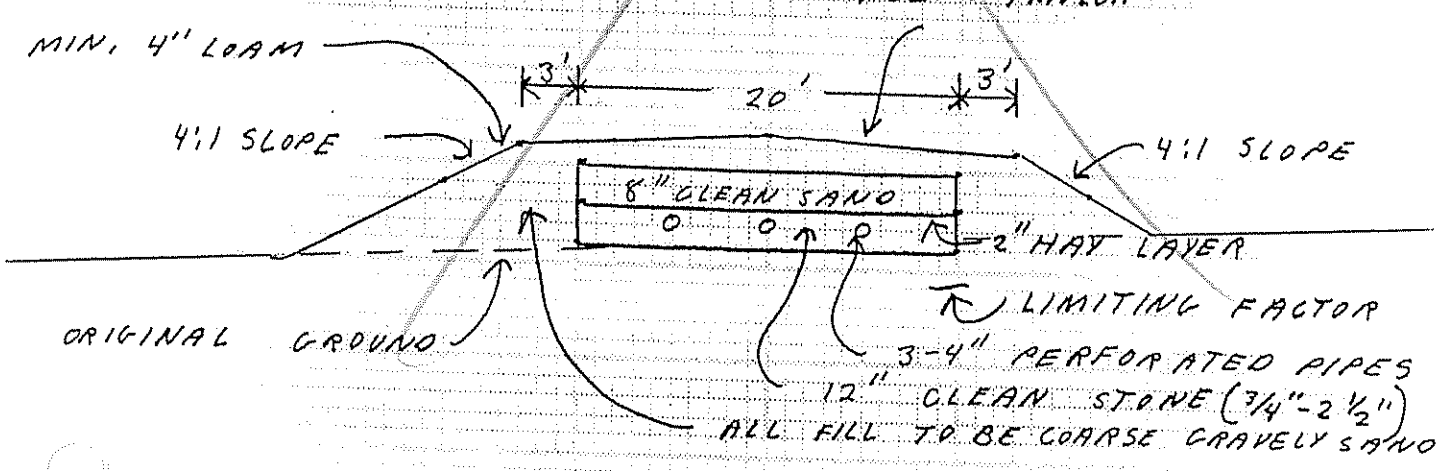
ERP IN 10" MAPLE 7' WEST OF SYSTEM, 141" ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 5 Ft.

Horizontal: 1 inch = 10 Ft.



Site Evaluator Signature

256
SE#

7/17/99
Date

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Maine Department of Human Services
Division of Health Engineering, Station 10
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PROPERTY LOCATION

City, Town, Plantation: AUGUSTA

Street or Road: CHURCH HILL RD.

Subdivision, Lot #:

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

The Subsurface Wastewater Disposal System *shall not* be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or Installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

OWNER/APPLICANT INFORMATION

Name (last, first, MI): GRANT TOM (Owner / Applicant)

Mailing Address of ☑ Owner ☐ Applicant: 17 SKYLINE AVE. RANDOLPH, ME. 04346

Daytime Tel. #:

Municipal Tax Map # 7 Lot # 23 & 23-B

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PERMIT INFORMATION

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Installed: _____
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THIS APPLICATION REQUIRES
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SIZE OF PROPERTY
☐ sq. ft.
18 AC, ☑ acres

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☐ Yes ☑ No

DISPOSAL SYSTEM TO SERVE
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DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

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PROFILE CONDITION DESIGN
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at Observation Hole # 1
Depth 30" Elevation 16"
OF MOST LIMITING SOIL FACTOR

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5. ☐ Extra Large – 5.0 sq. ft./gpd

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2. ☐ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:
DOSE: gallons

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Site Evaluator Signature _____ SE # 256 Date 7/17/99

Site Evaluator Name Printed JOHN PHILBRICK Telephone # 547-3732

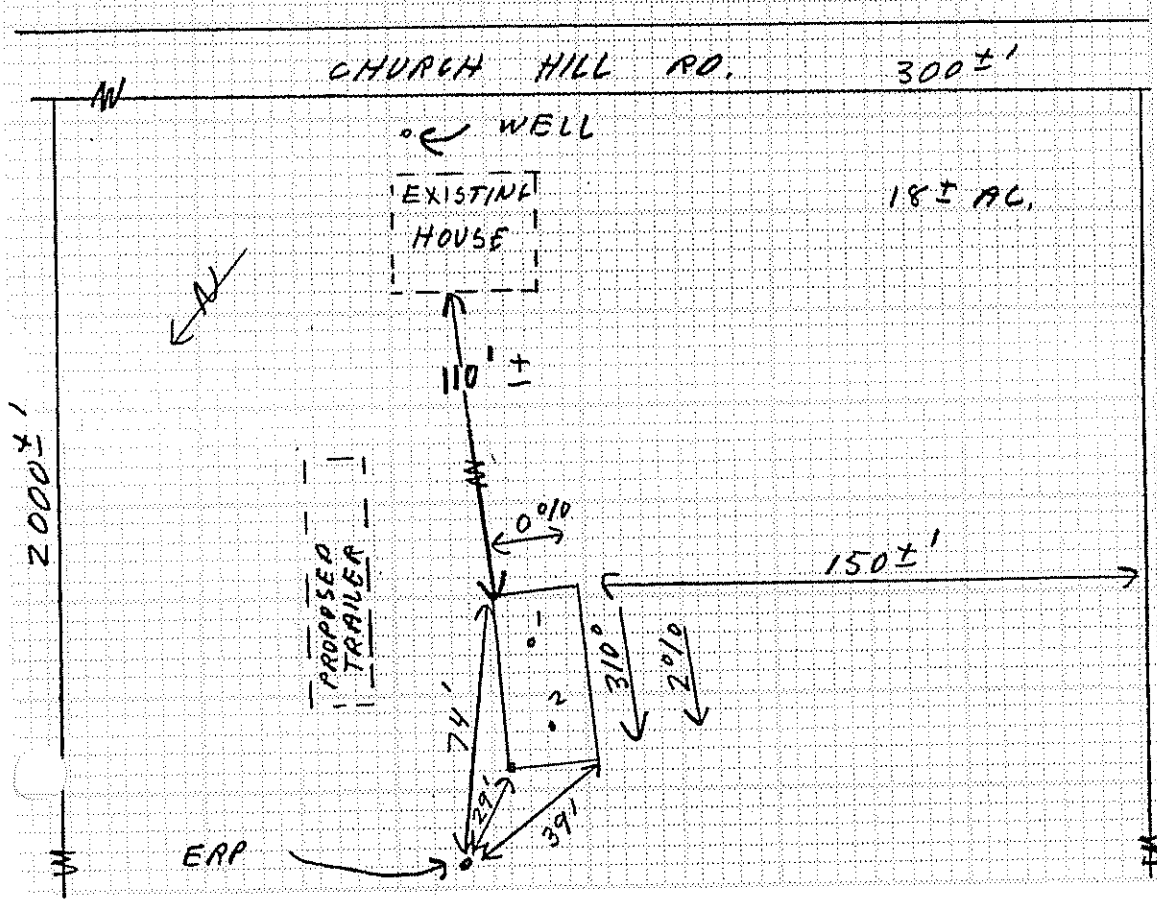
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

09169235

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	CHURCH HILL RD.	TOM GRANT

SITE PLAN

Scale: 1" = 50 Ft. or as shown



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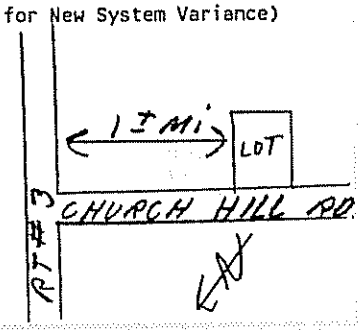


SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole 1 — ☑ Test Pit ☐ Boring

2± " Depth of Organic Horizon Above Mineral Soil

Inches	Texture	Consistency	Color	Mottling
0–6	SANDY LOAM	FRIABLE	DARK BR. YELLOW BR.	NONE
6–15				
15–20		FIRM	GRAY	COMMON DISTINCT
20–30		BED ROCK		
30–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	AIII C	2 %	24"	☐ Ground Water ☐ Restr. Layer ☑ Bedrock

Observation Hole 2 — ☑ Test Pit ☐ Boring

2± " Depth of Organic Horizon Above Mineral Soil

Inches	Texture	Consistency	Color	Mottling
0–6				
6–15		SAME AS #1		
15–20				
20–30				
30–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	AIII C	2 %	24"	☐ Ground Water ☐ Restr. Layer ☑ Bedrock

Site Evaluator Signature

256
SE#

9/15/99
Date

Approved for use as HHE 200 by Division of Health Engineering 9/87

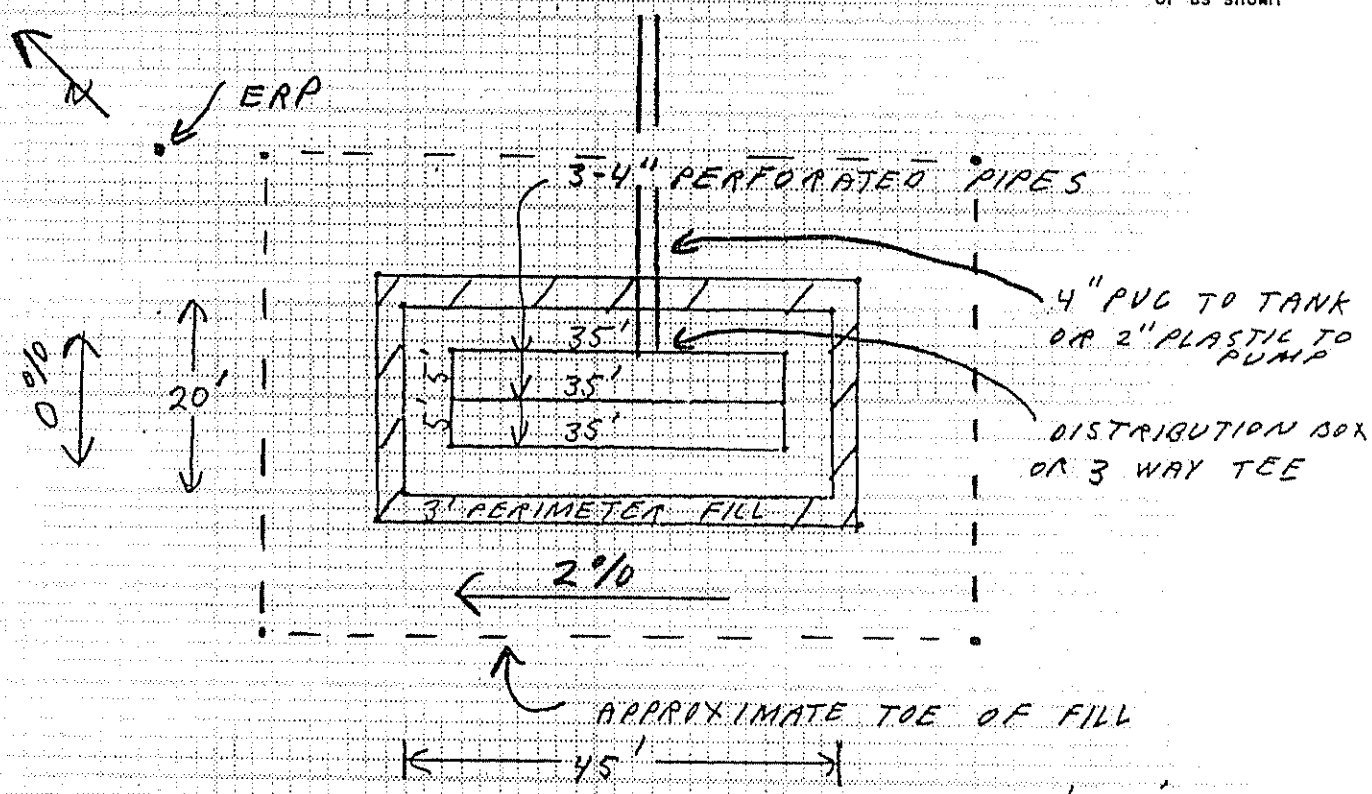
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

08246445

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	CHURCH HILL RD.	TOM GRANT

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 Ft. or as shown



20'X45' BED
FLAGS MARK CORNERS

FILL REQUIREMENTS
Depth of Fill (Upslope) 29"
Depth of Fill (Downslope) 39"

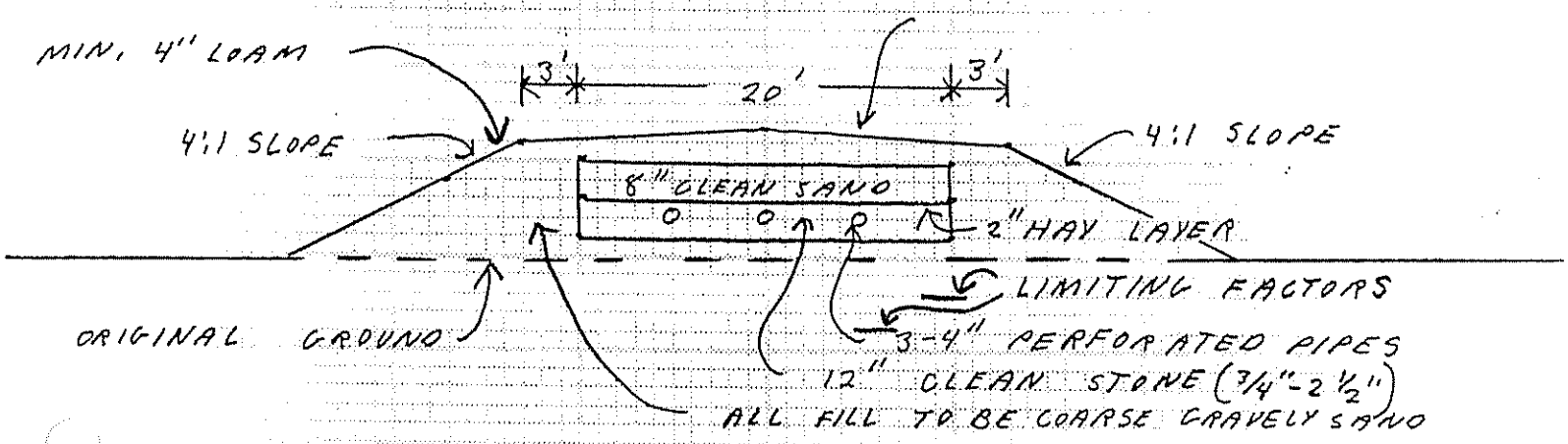
CONSTRUCTION ELEVATION
Reference Elevation is Bottom of Disposal Area
Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT
0" ERP IN 14" PINE, 29' NORTH OF SYSTEM, 63" ABOVE GROUND
-65"
-54"

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 10 Ft.

CROWN WITH 3% GRADE + SEED + MULCH



Site Evaluator Signature

256
SE#

9/15/99
Date

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