RECEIVED

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

MAY 26 1999

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

Location	AUGUSTA
Street Subdivision Lot #	242 CROSS HILL ROAD

AUGUSTA 4188 TOWN COPY

Date Permit Issued: 5 27 99 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 850

PROPERTY OWNER'S NAME

Last: REITCHEL First: PAUL

Applicant's Name

Mailing Address of Owner: 29 SCHOOL ST. AUGUSTA, ME. 04330

Daytime Tel. # 821-2068 (PAGER)

Municipal Tax Map # 4 Lot # 9

Owner 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/Applicant 6/7/99 Date

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 Date Approved

Rough Insp. 5/27/99 GRF

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
   ☐ 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. ☒ Non-Engineered System
2. ☐ Primitive System (graywater & alt toilet)
3. ☐ Alternative Toilet _____
4. ☐ Non-Engineered Treatment Tank
5. ☐ Holding Tank _____ Gallons
6. ☐ Non-Engineered Disposal Area (only)
7. ☐ Separated Laundry System
8. ☐ Engineered System (+2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Area (only)
11. ☐ Pretreatment

SIZE OF PROPERTY

11 AC ±

SHORELAND ZONING

☒ Yes ☐ No

DISPOSAL SYSTEM TO SERVE:

1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling: Number of Units _____
3. ☐ Other _____

TYPE OF WATER SUPPLY

WELL TO BE AT LEAST 100' FROM SYSTEM

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ Concrete
   ☒ a. Regular
   ☐ b. Low Profile
2. ☐ Plastic
3. ☐ Other _____

SIZE 1000 Gallons

DISPOSAL AREA TYPE / SIZE

1. ☒ Bed _____ Sq. Ft.
2. ☐ Proprietary Device _____ Sq. Ft.
   ☐ Cluster ☐ Linear
   ☐ Regular ☐ H-20
3. ☐ Trench
4. ☐ Other _____

GARBAGE DISPOSAL UNIT

1. ☒ No
2. ☐ Yes
   ☐ Multi-compartment tank
   ☐ Tank in series
   ☐ Increase in tank capacity
   ☐ Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW (Show Calculations)

3 BEDROOMS

PROFILE & DESIGN CLASS

PROFILE	DESIGN
3	C

DEPTH TO MOST LIMITING FACTOR 15"

DISPOSAL AREA SIZING

1. ☐ Small - 2.00
2. ☐ Medium - 2.60
3. ☒ Medium-Large - 3.30
4. ☐ Large - 4.10
5. ☐ Extra-Large - 5.20

PUMPING

1. ☐ Not required
2. ☒ May be required
3. ☐ Required

DOSE _____ Gallons

DESIGN FLOW: 270 (Gallons/Day)

SITE EVALUATOR'S STATEMENT

On 3/20/99 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed sytem is in compliance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature 132 SE # 5/2/99 Date

TERRY ADAMS Site Evaluator Name Printed 582-1642 Telephone

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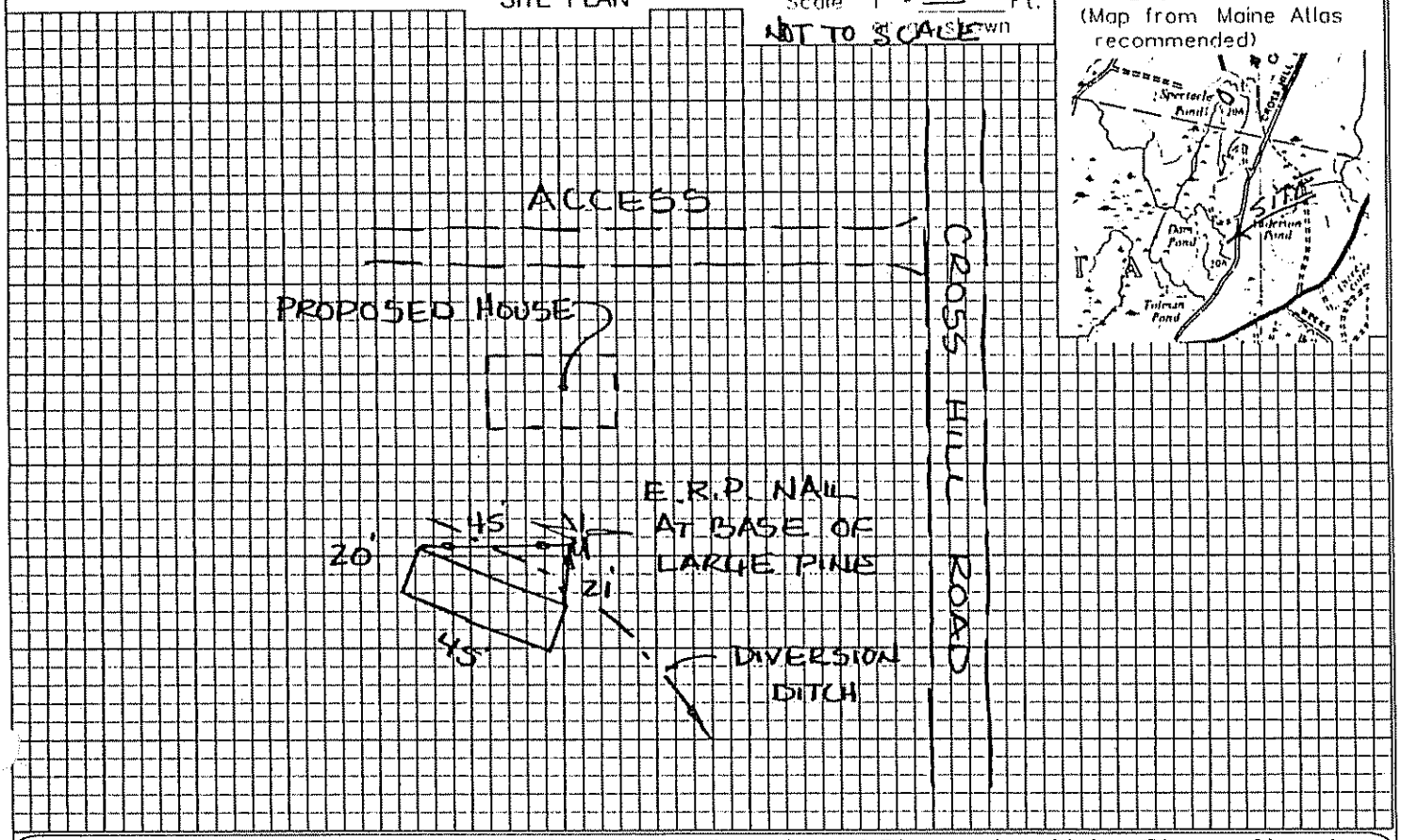
Town, City, Plantation: AUGUSTA

Street, Road Subdivision: CROSS HILL ROAD

Owner's Name: REITUHEL, PAUL

SITE PLAN

Scale 1" = ____ Ft.
NOT TO SCALE



SITE LOCATION PLAN
(Map from Maine Atlas recommended)

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

Observation Hole 1 [X] Test Pit [ ] Boring
1" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM	FRIABLE	BROWN	
10			REDDISH BROWN	
20			LIGHT YELLOW	EVIDENT
30	LIMIT OF OBSERVATION			
40				
50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
3	C	____ %	15"	[X] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Observation Hole ____ [ ] Test Pit [ ] Boring
____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
		____ %	____"	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Site Evaluator Signature: [signature] SE # 132 Date: 4/2/99

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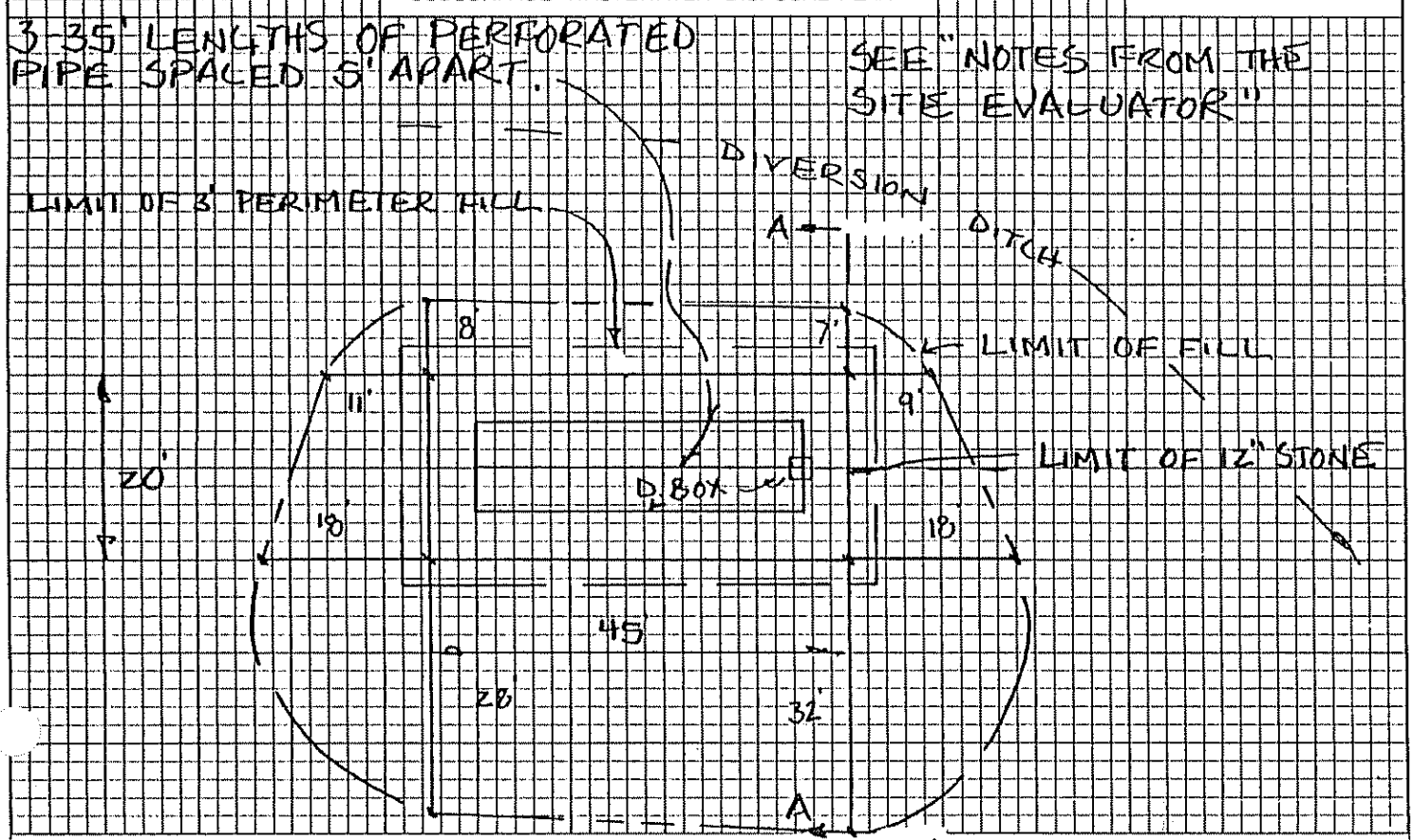
Owner's Name: REITCHEL, PAUL

SUBSURFACE WASTEWATER DISPOSAL PLAN

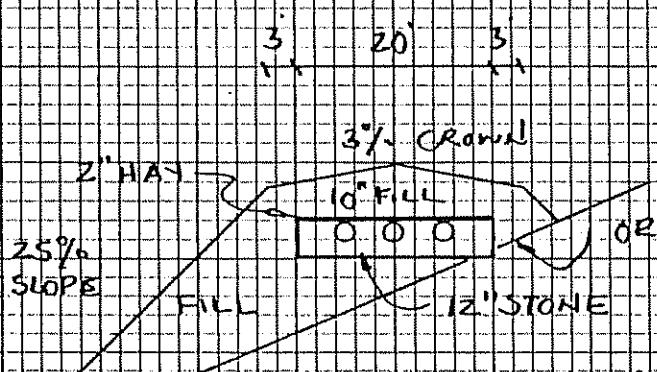
SCALE 1" = 20' FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	21	Finished Grade Elevation	-63	Location & Description
Depth of Fill (Downslope)	48	Top of Distribution Pipe or Proprietary Device	-76	NAIL IN TREE
		Bottom of Disposal Area	-87	Reference Elevation 00-00

DISPOSAL AREA CROSS SECTION

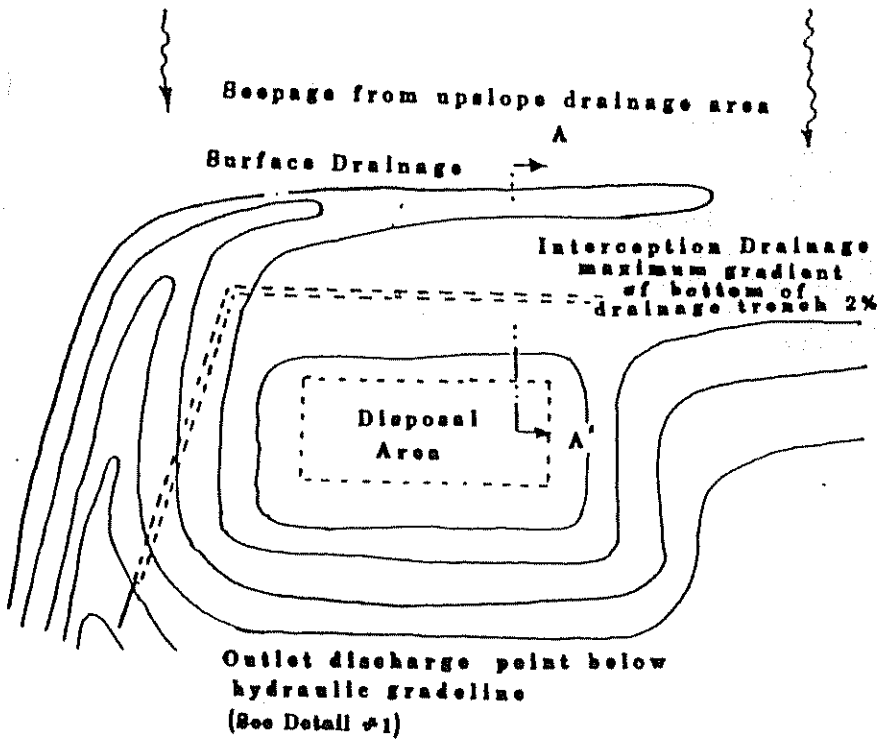
SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 20'

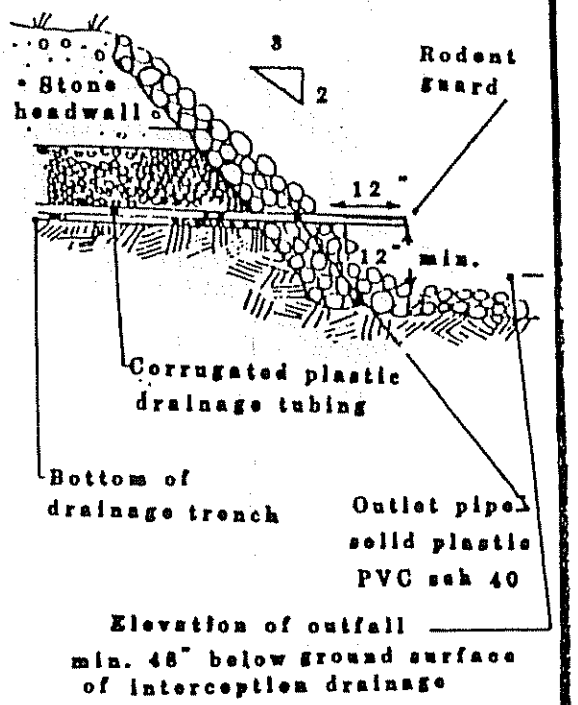


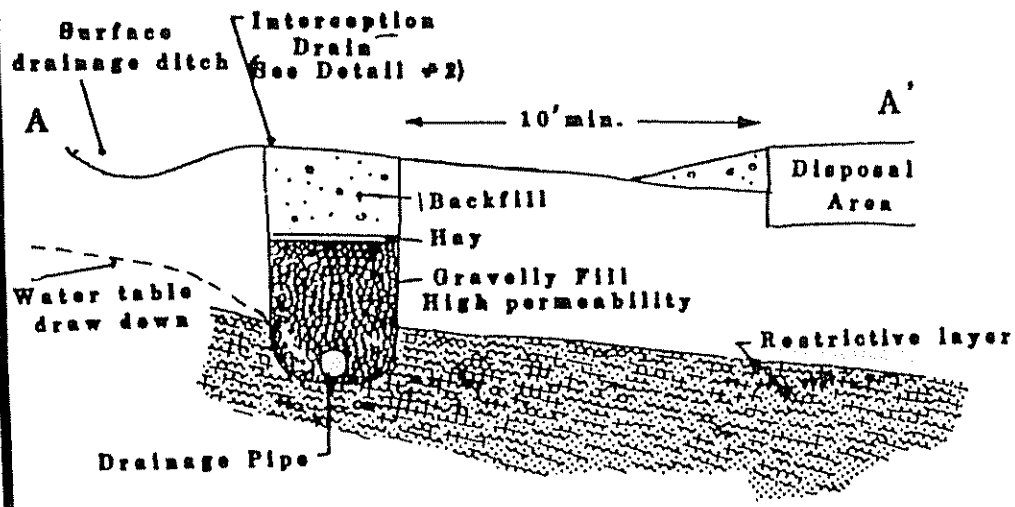
Site Evaluator Signature: [signature]

SE #: 132

Date: 4/2/99







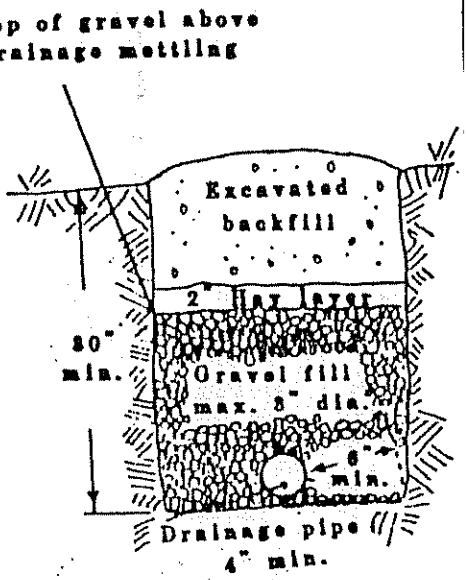


FIGURE H.1 Curtain Drain

NOTES FROM THE SITE EVALUATOR

1. System shall be installed in accordance with the Maine State Plumbing Code.

2. Remove vegetation from the proposed disposal area and scarify original ground before placing fill.

3. Fill shall be clean, coarse sand to gravely sand. See section 120310 of the Maine Subsurface Waste Water Disposal rules.

4. All stone shall be of uniform size, and free of fines.

5. Site shall be graded in a manner which will divert surface water from the bed.

6. Grass, clover, trefoil, vetch, perennial wild flowers, or other herbaceous perennials may be planted on disposal area surfaces. Woody shrubs in conjunction with a hardy perennial ground cover, may only be used on fill extensions.

7. If this application includes a new system variance request, it is assumed that this site is not part of a proposed subdivision.

8. "Permit By Rule"—When the toe of fill for a system extends closer than 100' to a wetland or water body, even though the system itself is 100' or more from the wetland or water body, or when a system requires a Replacement System Variance, the applicant may be required to file a "Permit By Rule" notification from or a complete application form with the D.E.P.

"Permit By Rule" does not take the place of any other local, state, or federal approvals which may be needed for the proposed activity. In specific instances, the activity may require a shore land zoning permit from the town, a lease from the Bureau of Public Lands (207-289-3061) if the work extends onto state owned submerged lands, or a permit from the U.S. Army Corps of Engineering (207-623-8367).

9. If a system requires a pump, it shall be vented in accordance with standard practice. It is recommended that the required audible high water alarm be installed on the premises on a different electrical circuit from the pump.

10. As a general rule, a septic tank should be cleaned every two years. It is recommended that no commercial septic tank additives be used.

11. Unless otherwise stated this design does not provide for the use of a garbage disposal. If one is to be added, contact the site evaluator in order that he may alter the design to accommodate the change.

12. This site evaluation and design has been done in compliance with the Amine State Plumbing Code. The approval and/or design may be subject to more restrictive local ordinances. The local Plumbing Inspector is to be contacted for final review approval.

13. By signature on this application, the client agrees with the location of lot lines, wells and other physical features shown and further agrees to limit North By East Associates liability to the original cost of installation of the system or North By East Associates' total fee for services rendered on this project, whichever is greater.

M sk/notes eval.