SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

M4 L69A

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	490 Cross Hill Road

PROPERTY OWNERS NAME

Last: Dutil First: Linda

Applicant Name:	Dana Antworth
Mailing Address of Owner/Applicant (If Different)	

AUGUSTA 2776 TOWN COPY

Date Permit Issued: 8 30 93 $ 60.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # [illegible]

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.

Dana Antworth 8-30-93

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.

[signature] 10/14/93

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: _____

SIZE OF PROPERTY	ZONING
1 Acre +	Rural

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

TYPE OF WATER SUPPLY
To Be Drilled

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☑ SEPTIC: ☐ Regular ☑ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ☑ NONE
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: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3 Bedroom Min Flow + 30 Gpd.

Bed 20'x50'

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	A III

DEPTH TO LIMITING FACTOR: 16".

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

DISPOSAL AREA TYPE/SIZE
1. ☑ BED 1000 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 300 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

On 1-5-1993 (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.

[signature] 241 1-14-1993

Site Evaluator Signature SE# Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

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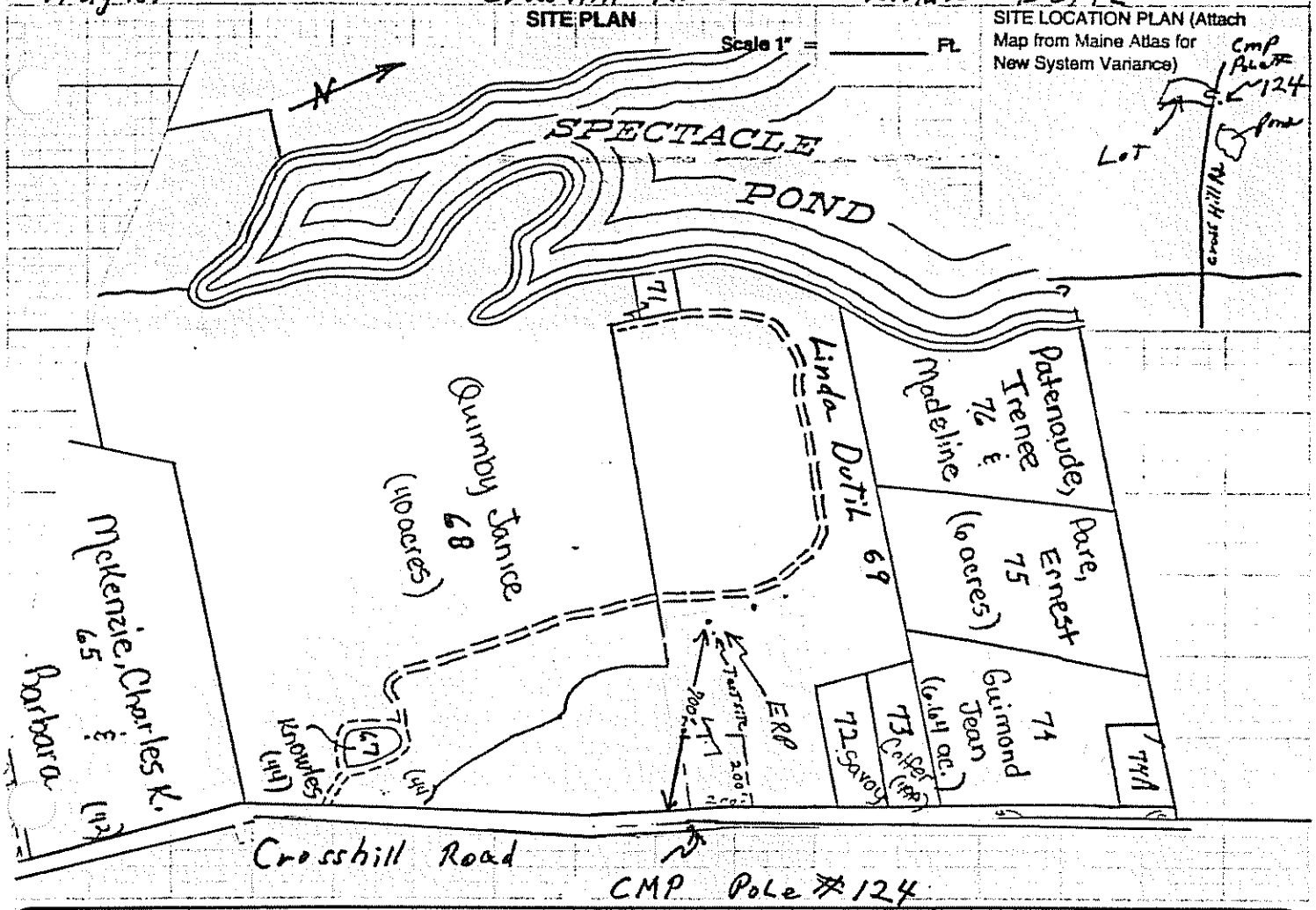
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Cross Hill Road	Linda Dutil

SITE PLAN Scale 1" = _____ Ft.

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



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

Observation Hole _____ ☑ Test Pit ☑ Boring

0-1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Sandy Loam	Friable	Brown	None
		Red Brown	
		Yellow Brown	
Loamy Sand			Common Distinct
	Some What Firm	Olive	

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	A-III (Condition)	7 %	16	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling

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

Duke
Site Evaluator Signature

241-
SE#

1-14-1993
Date

HHE-200 Rev.1/84

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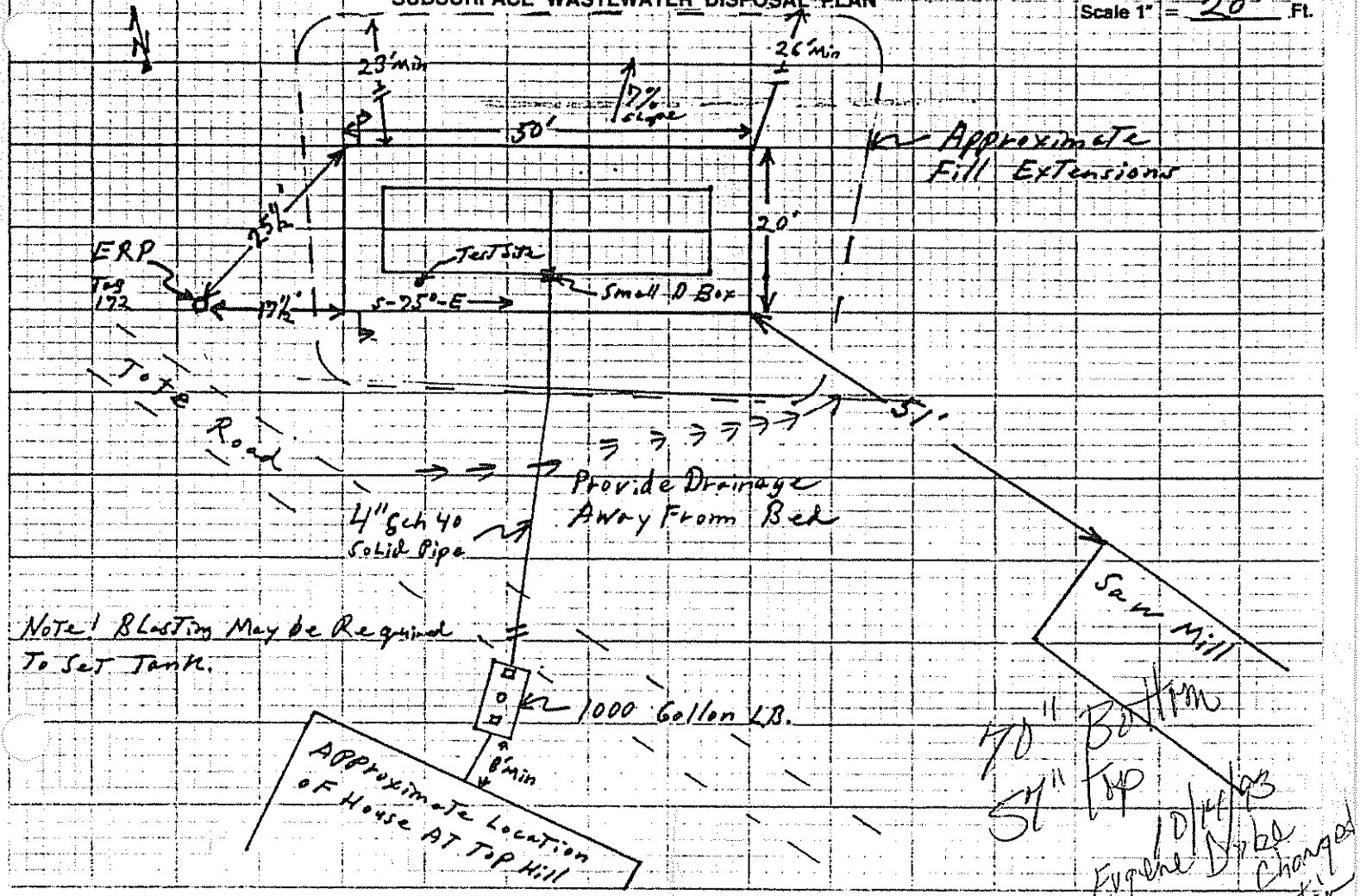
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	21"	Reference Elevation is	0'	
Depth of Fill (Downslope)	38"	Bottom of Disposal Area	-58"	Nail in Tag# 172 in elevation
		Top of Distribution Lines or Chambers	-45"	28" oak Tree

DISPOSAL AREA CROSS SECTION

See page 4

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

Note! Septic Tank May Be Located To Suit Provided it is 100' From Well

Note All Property Lines To Be 25'+ From Disposal System

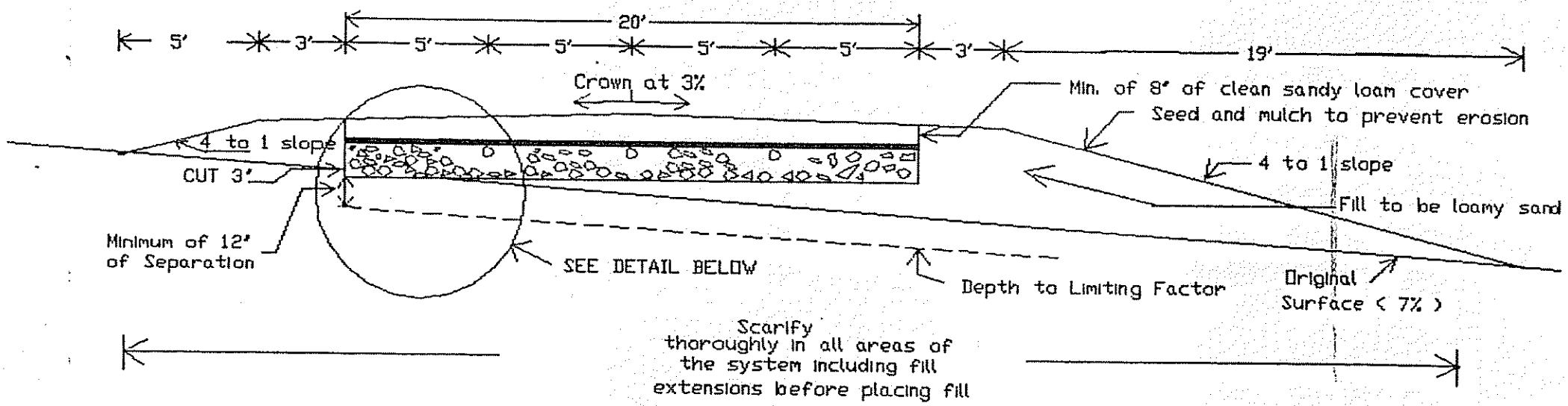
Site Evaluator Signature	SEI#	Date
[signature]	241	1-14-93

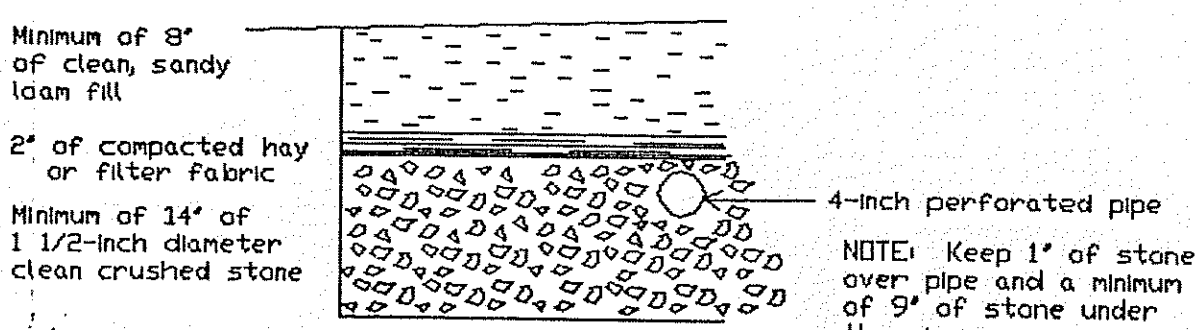
ATTACHMENT TO FORM HHE-200

Linda Dutil

ELEVATIONS

Reference Elevation is -0
Bottom of Disposal Area is -58"
Top of Distribution Lines is -45"





NOTE: Keep 1" of stone over pipe and a minimum of 9" of stone under the pipe

DETAIL OF BED

Depth of Fill (Upslope) = 21"

Depth of Fill (Downslope) = 38"

SCALE:

Vertical: 1 inch = 5 feet
Horizontal: 1 inch = 5 feet

EUGENE DUBE SE 241

DATE: 1-14-1993

ATTACHMENT TO FORM HHE-200
ADDITIONAL INFORMATION ABOUT YOUR SEPTIC SYSTEM

1. YOU SHOULD HAVE YOUR SEPTIC TANK PUMPED OUT AND CHECKED EVERY TWO YEARS OR MORE OFTEN TO PROLONG THE LIFE OF YOUR SYSTEM.

2. IF YOU PLAN TO INSTALL A GARBAGE DISPOSAL IN YOUR HOME, YOU SHOULD HAVE THE NEXT AVAILABLE SIZE SEPTIC TANK INSTALLED. An alternative to this is the installation of a Zabel Industries Inc. Multi-purpose Filter, Model #A-100 or equivalent on the outlet end of the septic tank.

3. Water softeners should drain to a separate gray water disposal system.

4. Your septic tank must be installed level and all joints, inspection covers etc. must be water tight. The same is necessary for a pump tank if your system requires one.

5. The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid flooding of the tank and solids entering the field.

6. Your system is designed to handle laundry waste water provided a separated laundry system is not indicated on Page 1 of your HHE-200 form and the total daily design flow shown on Page 1 is not exceeded. If a low water toilet is required it must use less than 1.5 gallons per flush.

7. All construction shall conform with section 11-D "State of Maine-Subsurface Wastewater Disposal Rules-Chapter 241" and all other pertinent sections.

8. All fill shall be sandy loam coarser with sufficient fines for adequate compaction, unless otherwise stated.

9. Wells shall be located a minimum 100' from subsurface disposal system.

10. Property lines shown are as provided by owner and no guarantee of accuracy is implied. Actual property lines must beconfirmed by survey.

11. Applicability of design must be reevaluated when location of structures are substantially different than those shown on the site plan or when other structures, additions, or appurtenances (i.e. swimming pools) are considered.

12. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to the system.

13. Provide low profile septic tank when determined as necessary in the field.

14. Lots not meting the requirements if the "Minimum lot size Rule" but recorded prior to its effective date require a "Minimum Lot Size Waiver" as issued by the Department of Human Services - Division of Health Engineering.

15. Force mains, pump stations, and/or gravity piping subject to freezing shall be adequately installed.

16. The L.P.I. shall inform the owner and designer of any local ordinance exceeding the rules (Chapter 241), prior to issuing a permit, so that the application may be properly amended to conform to to such ordinances.