

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

**PROPERTY LOCATION**

Town or Plantation LAMOINE

Street SHORE ROAD

Subdivision Lot # \_\_\_\_\_

**PERMIT #** 819 **STATE COPY**

Date Permit Issued: 9.3.97 \$ 60 ☐ If Double Fee Charged

Local Plumbing Inspector Signature [Signature] L.P.I. # 52

**PROPERTY OWNERS NAME**

Last: MCDEVITT First: REGINALD

Mailing Address of Owner RD 2 BOX 122  
ELLSWORTH ME 04605

Daytime Tel. # \_\_\_\_\_

Municipal Tax Map # \_\_\_\_\_ Page # \_\_\_\_\_

**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]  
Signature of Owner/Applicant 9/2/97 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 \_\_\_\_\_

## PERMIT INFORMATION

**THIS APPLICATION IS FOR:**

- ☒ First Time System
- ☐ Multi-User System
- ☐ Replacement System
- ☐ Expanded System
  - ☐ One-time exempted
  - ☐ Non-exempted
- ☐ Experimental System
- ☐ Seasonal Conversion

**THIS APPLICATION REQUIRES:**

- ☒ No Rule Variance
- ☐ First Time System Variance (Municipal)
- ☐ First Time System Variance (State)
- ☐ Replacement System Variance
  - ☐ Local Plumbing Inspector approval
  - ☐ State & Local Plumbing Inspector approval
- ☐ Minimum Lot Size Variance
- ☐ Seasonal Conversion Variance

**DISPOSAL SYSTEM COMPONENT(S)**

- ☒ Non-Engineered System
- ☐ Primitive System
- ☐ Alternative Toilet  
Specify \_\_\_\_\_
- ☐ Non-Engineered Treatment Tank
- ☐ Holding Tank \_\_\_\_\_ Gallons
- ☐ Non-Engineered Disposal Area (only)
- ☐ Separated Laundry System
- ☐ Engineered System (+2000 gpd)
- ☐ Engineered Treatment Tank (only)
- ☐ Engineered Disposal Area (only)

**SIZE OF PROPERTY**

10 ± ACRES

**DISPOSAL SYSTEM TO SERVE:**

- ☒ Single Family Dwelling Unit
- ☐ Multiple Family Dwelling Unit  
Number of Units \_\_\_\_\_
- ☐ Other \_\_\_\_\_

**TYPE OF WATER SUPPLY**

PROPOSED DRILLED WELL

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

**TREATMENT TANK**

- ☒ Concrete
  - ☒ Regular
  - ☐ Low Profile
- ☐ Plastic

SIZE 1000 Gallons

**DISPOSAL AREA TYPE/SIZE**

- ☒ Stone Bed 1360 Sq. Ft.
- ☐ Proprietary Device \_\_\_\_\_ Sq. Ft.
  - ☐ Clustered ☐ Linear
  - ☐ Regular ☐ H-20
- ☐ Trench \_\_\_\_\_ Lin. Ft.
- ☐ Other \_\_\_\_\_

**GARBAGE DISPOSAL UNIT**

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

**CRITERIA USED FOR DESIGN FLOW**  
(Show Calculations)

3 BEDROOM, SINGLE BATH, DISHWASHER

MINIMUM DESIGN FLOW

90 GPD/ROOM + 20 GPD

**PROFILE & DESIGN CLASS**

PROFILE 9 DESIGN C

DEPTH TO MOST LIMITING FACTOR 15

**DISPOSAL AREA SIZING**

- ☐ Small 2.0
- ☐ Medium 2.60
- ☐ Medium-Large 3.30
- ☐ Large 4.10
- ☒ Extra-Large 5.00

**PUMPING**

- ☒ Not required
- ☐ May be required
- ☐ Required

DOSE \_\_\_\_\_ Gallons

**DESIGN FLOW:** 270  
(Gallons/Day)

## SITE EVALUATOR'S STATEMENT

On 8/14/1997 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

[Signature]  
Site Evaluator Signature  
TERRA L DAVIS  
Print Name

203  
SE #  
537-3432  
Telephone

8/7/1997  
Date

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Department of Human Services  
Division of Health Engineering

Town, City, Plantation  
LAMOINE

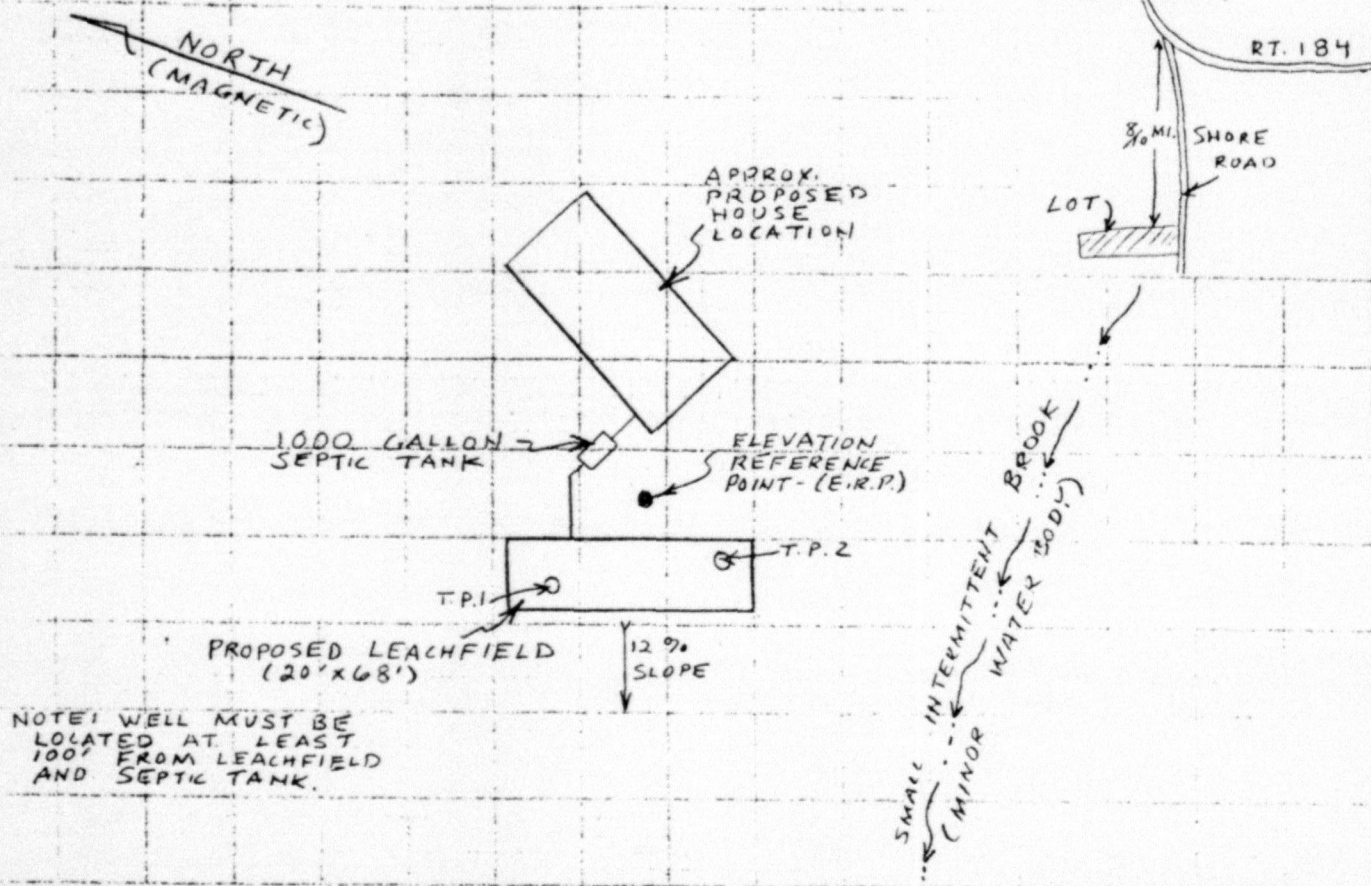
Street, Road, Subdivision  
SHORE ROAD

Owners Name  
REGINALD McDEVITT

## SITE PLAN

Scale 1" = 50 Ft.

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



NOTE: WELL MUST BE LOCATED AT LEAST 100' FROM LEACHFIELD AND SEPTIC TANK.

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

Observation Hole T.P. 1 ☒ Test Pit ☐ Boring

1 \* Depth of Organic Horizon Above Mineral Soil

| Texture           | Consistency           | Color                       | Mottling                     |
|-------------------|-----------------------|-----------------------------|------------------------------|
| 0<br>SILT<br>LOAM | FRIABLE               | DARK<br>BROWN               |                              |
| 5                 |                       | DARK<br>YELLOWISH-<br>BROWN |                              |
| 10                |                       |                             |                              |
| 15                |                       |                             |                              |
| 20                |                       | BROWNISH<br>OLIVE           | COMMON<br>MEDIUM<br>DISTINCT |
| 25                |                       |                             |                              |
| 30                | SILTY<br>CLAY<br>LOAM | OLIVE<br>GRAY               |                              |
| 35                |                       |                             |                              |
| 40                |                       |                             |                              |
| 45                |                       |                             |                              |
| 50                |                       |                             |                              |

Soil 9 Classification C Slope 12% Limiting Factor 15  
Profile Condition

☒ Ground Water  
☐ Restrictive Layer  
☐ Bedrock

Observation Hole T.P. 2 ☒ Test Pit ☐ Boring

1 \* Depth of Organic Horizon Above Mineral Soil

| Texture           | Consistency           | Color                       | Mottling                     |
|-------------------|-----------------------|-----------------------------|------------------------------|
| 0<br>SILT<br>LOAM | FRIABLE               | DARK<br>BROWN               |                              |
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Jerome L. Davis  
Site Evaluator Signature

203  
SE#

8/7/1997  
Date

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Owners Name

LAMOINE

SHORE ROAD

REGINALD McDEVITT

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

1000 GALLON SEPTIC TANK

APPROX. PROPOSED HOUSE LOCATION

BUILDING SEWER

E.R.P.

20' WIDE BY 68' LONG LEACHFIELD. FOUR CORNERS ARE STAKED OUT.

EFFLUENT LINE

4" DIA. PERF. PIPE, PLACED 5' ON CENTER.

INSTALL 3 FT. WIDE BERM AROUND LEACHFIELD.

BERM AND FILL EXTENSION - USE LOAMY COARSE SAND

\* DISTRIBUTION BOX IS NOT REQUIRED IF USED IT MUST BE SET LEVEL ON A FIRM BASE AND INSULATED FROM FREEZING.

### FILL REQUIREMENTS

Depth of Fill (Upslope) 21-24"  
Depth of Fill (Downslope) 40-54"

### CONSTRUCTION ELEVATIONS

Reference Elevation is 0"  
Bottom of Disposal Area -60"  
Top of Distribution Lines or Chambers -49"

### ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

NAIL 22" UP IN A 32" DIA. WHITE PINE TREE LOCATED 30' AT 355° FROM SE CORNER OF LEACHFIELD  
Scale:

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

DISPOSAL AREA AND FILL EXTENSION MUST BE SEEDED TO PREVENT EROSION. LOAM AND MULCH ENTIRE AREA.

### DISPOSAL AREA CROSS SECTION (ACROSS A-B ABOVE)

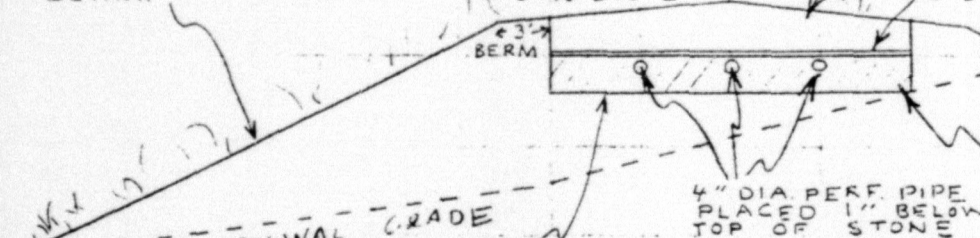
CLEAN, SANDY LOAM TO LOAMY SAND FILL 8-12" THICK OVER HAY OR FILTER FABRIC

CROWN LEACHFIELD AND 3' BERM WITH 3% SLOPE

2" COMPRESSED HAY OR FILTER FABRIC PLACED OVER STONE

DIVERT SURFACE WATER AWAY FROM LEACHFIELD

NO GREATER THAN 25% SLOPE (4:1) ON FILL EXTENSION BEYOND 3' BERM.



4" DIA. PERF. PIPE PLACED 1" BELOW TOP OF STONE

BOTTOM OF LEACHFIELD (5 FT. BELOW E.R.P.) MUST BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100.

SCARIFY ORIGINAL GROUND SURFACE UNDER LEACHFIELD AND FILL EXTENSION.

MINIMUM DEPTH OF 12" OF CLEAN, UNIFORM SIZED STONE 3/4" TO 2 1/2" IN DIA. SHALL BE USED ON THE BOTTOM OF THE LEACHFIELD.

(A MINIMUM 50 CUBIC YARDS OF STONE REQUIRED FOR THIS LEACHFIELD.)

John J. Davis  
Site Evaluator Signature

203  
SE#

8/7/1997  
Date

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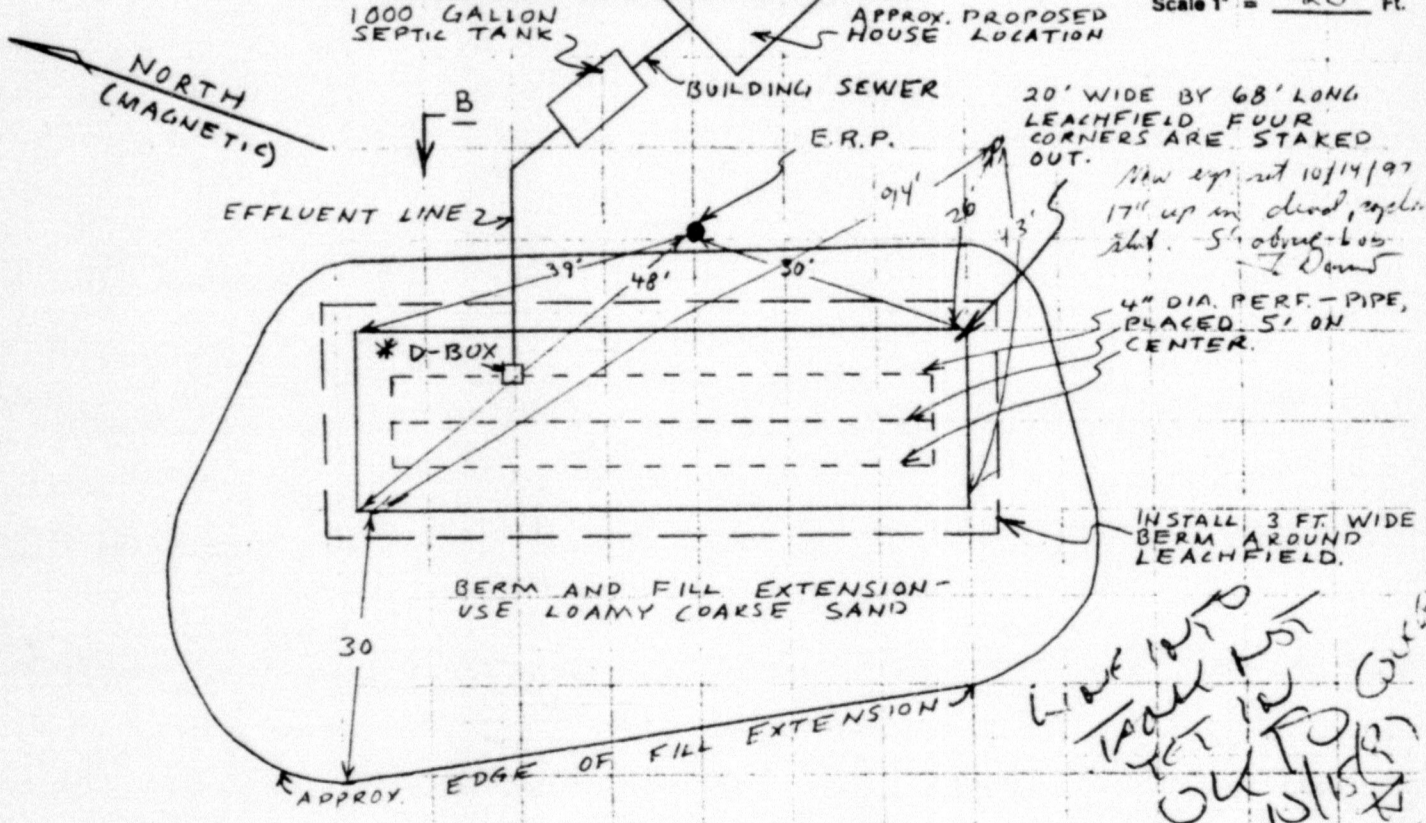
Division of Health Engineering

Owners Name

REGINALD McDEVITT

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