

97545

# 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: Portland

Street: Plymouth Street

Subdivision Lot #

**PROPERTY OWNERS NAME**

Last: Merrill LeFevre First:

Mailing Address of Owner: 32 Auburn Street  
Portland ME 04103

Daytime Tel. #: 702-4838

**Caution: Permit Required**

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.

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 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 Application.

#640  
OK TO COVER [Signature] 5/16/98

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**

± 2000 SF

**DISPOSAL SYSTEM TO SERVE:**

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

**SHORELAND ZONING**

Yes  No

**TYPE OF WATER SUPPLY**

PUBLIC WATER

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

**TREATMENT TANK**

- Concrete
  - Regular
  - Low Profile
- Plastic

SIZE 1000 Gallons

**DISPOSAL AREA TYPE/SIZE**

- Stone Bed \_\_\_\_\_ Sq. Ft.
- Proprietary Device 900 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  
3000

DESIGN FLOW: 500  
(Gallons/Day)

**PROFILE & DESIGN CLASS**

PROFILE 3 DESIGN C

DEPTH TO MOST LIMITING FACTOR 2'

**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

### SITE EVALUATOR'S STATEMENT

On 10/22/92 (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  
M. J. Campbell  
Print Name

203  
SE #  
702-4838  
Telephone

10/22/92  
Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation

Street, Road or Subdivision

Name of Owner

Portland

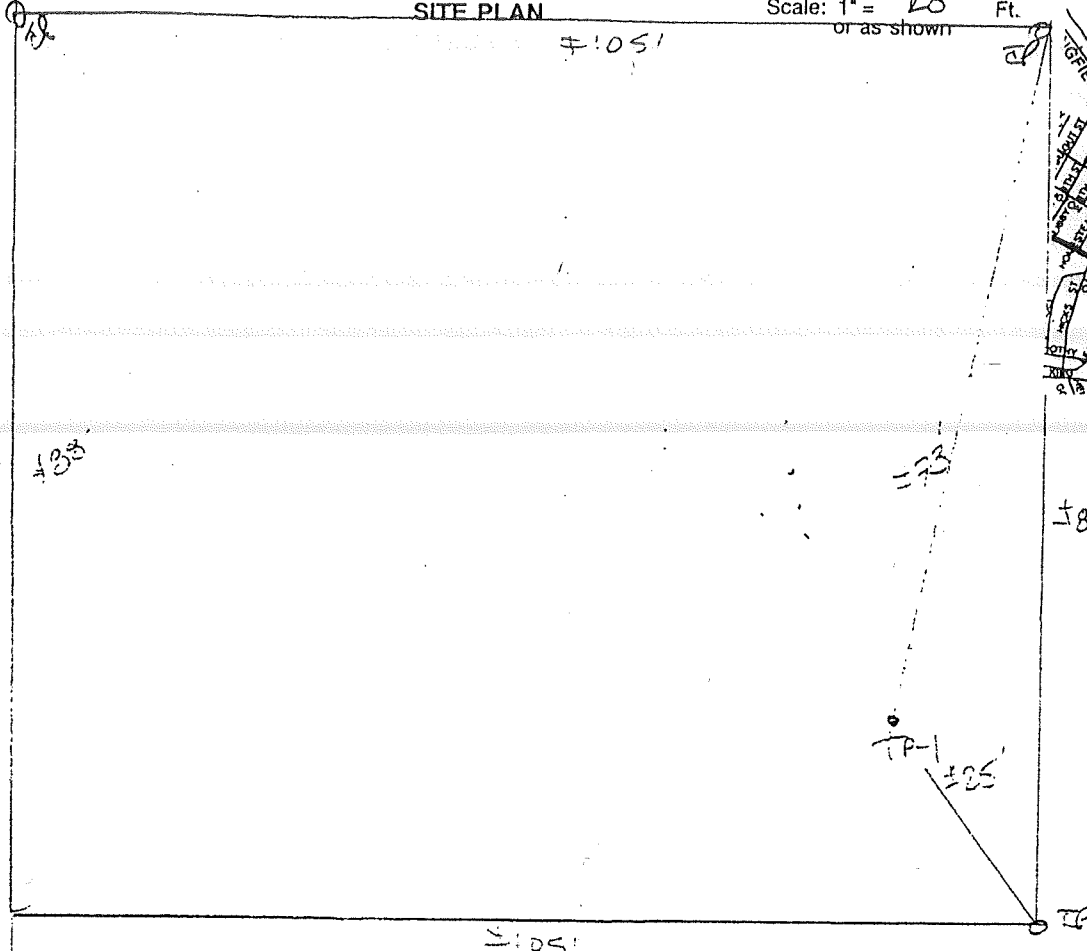
Plymouth Street

Morrill & LeFaire

97545

SITE PLAN

Scale: 1" = 20 Ft. or as shown



## SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil \_\_\_\_\_

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	Smooth	Finer	Dark Brown	
6				
10	Smooth			
15	Smooth	Finer	Dark Brown	
20				
30	Smooth	Fine	Tan	None
40				
50				

Soil Profile	Class <u>C</u>	Slope <u>2%</u>	Limiting Factor <u>24</u>	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole \_\_\_\_\_  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil \_\_\_\_\_

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

Soil Profile	Class _____	Slope _____%	Limiting Factor _____	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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*Maur J. [Signature]*  
Site Evaluator Signature

203

10/22/02

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation

Street, Road or Subdivision

Name of Owner

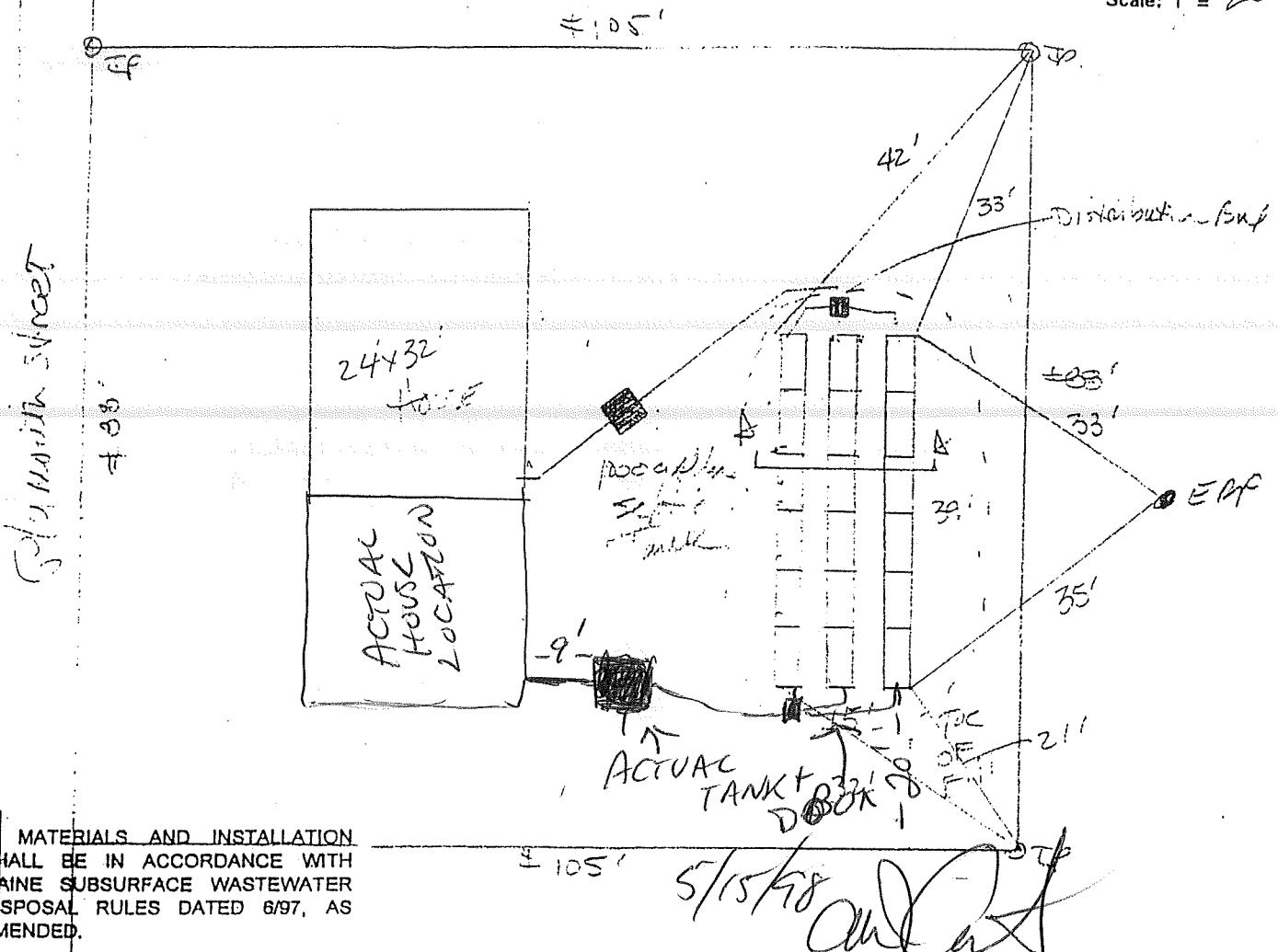
Portland

Plymouth Street

Morrill's Lefevre

## SUBSURFACE WASTEWATER DISPOSAL PLAN

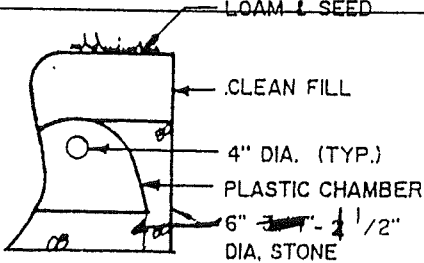
Scale: 1" = 20 Ft.



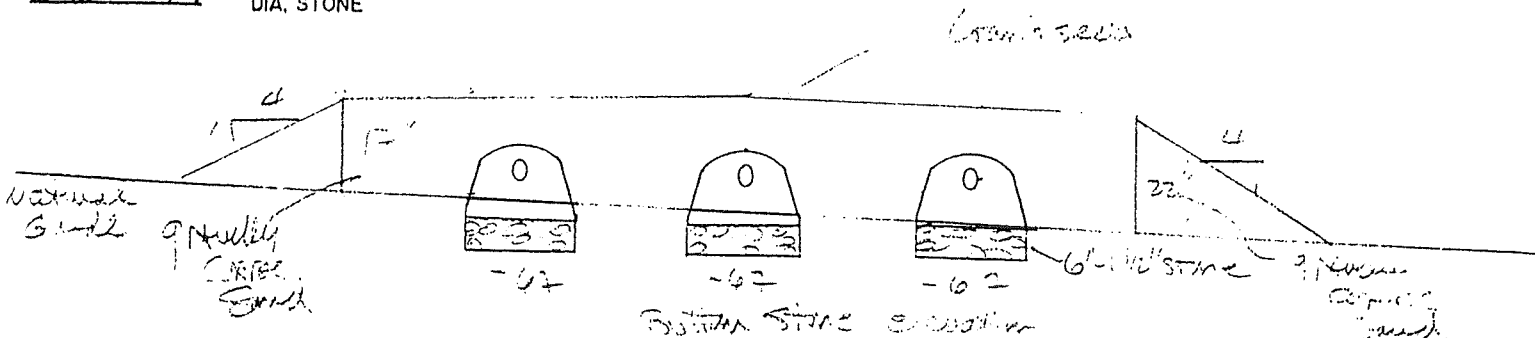
NOTE: MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MAINE SUBSURFACE WASTEWATER DISPOSAL RULES DATED 6/97, AS AMENDED.

FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Fill (Upslope) <u>17"</u>	Finished Grade Elevation <u>-38</u>	Location & Description <u>Top of 45"</u>
Depth of Fill (Downslope) <u>22"</u>	Top of Distribution Pipe or Proprietary Device <u>-42</u>	<u>Top of 11" Oak</u>
LOAM & SEED	Bottom of Disposal Area <u>-62</u>	Reference & Elevation <u>0"</u>

### DISPOSAL AREA CROSS SECTION



Scale:  
Vertical: 1" = 3 Ft.  
Horizontal: 1" = 5 Ft.



General Notes  
(attachment to form IIIIE-200)

1. The nature of the site evaluation profession is one of interpretation of soil and site conditions. We, in the field attempt to both provide a satisfactory service to the client, and comply by the rules by which we are bound - The Maine State Plumbing Code. If at any time you, the client, are not satisfied with the service provided or the results found, it is your right to hire another site evaluator for a second opinion.
  2. Property information is supplied by the owner, applicant or representative. Such information presented here shall be verified as correct by the owner or applicant prior to signing this application.
  3. All work shall be in accordance with the Maine Subsurface Wastewater Disposal Rules dated 6/97, as amended.
  4. All work should be performed under dry conditions only (for disposal area).
  5. No vehicular or equipment traffic to be allowed on disposal area. Disposal field shall be constructed from outside the corner stakes located in the field. The downslope area is also to be protected in the same manner.
  6. Backfill, if required, is to be gravelly coarse sand to coarse sand texture and to be free of foreign debris. If backfill is coarser than original soil, then mix top 4" of backfill and original soil with rototiller.
  7. No neighboring wells are apparent (unless so indicated) within 100' of disposal area. Owner or applicant shall verify this prior to signing the application.
  8. Minimum separation distances required (unless reduced by variance or special circumstance).
    - a) any well to disposal area: 100'
    - b) any well to septic tank: 100'
    - c) septic tank or disposal area to lake, river, stream or brook: 100' for major watercourse, 50' for minor water course
    - d) house to treatment tank: 8'
    - e) house to disposal area: 20'
- Other separation distances per Plumbing Code.
9. Location of septic system near a wetland may require a separate permit. As such, the owner, prior to construction of the septic system, shall hire a professional to evaluate proximity of adjacent wetlands and prepare necessary permit applications.
  10. Garbage disposals are not recommended and, if installed, are done so at the owner's risk. The additional waste load requires increased maintenance frequency, higher potential for failure, and larger septic tanks.
  11. Pump stations, when required, shall be installed watertight to prevent infiltration of ground and/or surface water.
  12. Force mains and pressure lines shall be flushed of any foreign material and pumps shall be checked for proper on/off cycle before being put into service.
  13. Force mains, pump stations, and/or gravity piping subject to freezing shall be installed below frost line or adequately insulated.