

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

**PROPERTY ADDRESS**

Town Or Place: **PORTLAND**

Street: **CLIFF ISLAND**

Subdivision Lot #: **CLIFF ISLAND**

**PROPERTY OWNERS NAME**

Last: **PONTOPPIDAN** First: **HENNING**

Applicant Name: **RIGER BERLE**

Mailing Address of Owner/Applicant (if Different): **CLIFF ISLAND**

Owner/Applicant Statement

PORTLAND PERMIT # **2,317** TOWN COPY

Date Permit Issued: **5-11-87**

Local Plumbing Inspector Signature: *[Signature]*

FEE: \_\_\_\_\_ Double Fee Charged:

L.P.I. # \_\_\_\_\_

I certify that the information submitted is correct to the best of my knowledge and understand that any false information is reason for the Local Plumbing Inspector to deny a permit.

Signature of Owner/Applicant: *[Signature]* Date: **5-11-87**

**Caution: Inspection Required**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Local Plumbing Inspector Signature: *[Signature]* Date Approved: **MAR 27 1988**

**PERMIT INFORMATION**

**THIS APPLICATION IS FOR:**

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- SEASONAL CONVERSION
- EXPERIMENTAL SYSTEM

**IF REPLACEMENT SYSTEM:**  
YEAR FAILING SYSTEM INSTALLED: \_\_\_\_\_  
THE FAILING SYSTEM IS:  
1  BED 3  TRENCH  
2  CHAMBER 4  OTHER \_\_\_\_\_

**DISPOSAL SYSTEM TO SERVE:**

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER \_\_\_\_\_ SPECIFY \_\_\_\_\_

**INSTALLATION IS: COMPLETE SYSTEM**

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM (Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

**INDIVIDUALLY INSTALLED COMPONENTS:**

- TREATMENT TANK (ONLY)
- HOLDING TANK
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

**TYPE OF WATER SUPPLY: DUG WELL**

SIZE OF PROPERTY: **1 ACRE** ZONING: **RES.**

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

**TREATMENT TANK**

- SEPTIC  Regular  Low Profile
- AEROBIC

SIZE: **1000** GALS.

**WATER CONSERVATION**

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY \_\_\_\_\_

**PUMPING**

- NOT REQUIRED
- MAY BE REQUIRED (DEPENDS ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: \_\_\_\_\_ GALS

**CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER, RECORDS, ETC.)**

**2 BEDROOM SINGLE FAMILY RESIDENCE WITH LOW VOLUME TOILET**

DESIGN FLOW: **220** (GALLONS/DAY)

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

PROFILE: **2** CONDITION: **A/C**

DEPTH TO LIMITING FACTOR: **28"**

**SIZE RATINGS USED FOR DESIGN PURPOSES**

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

**DISPOSAL AREA TYPE/SIZE**

- BED \_\_\_\_\_ Sq. Ft.
- CHAMBER **375** Sq. Ft. **FILTERATOR**
- TRENCH \_\_\_\_\_ Linear Ft.
- OTHER \_\_\_\_\_

**SITE EVALUATOR STATEMENT**

On **May 3, 1987** (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system proposed is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature: *[Signature]* SE# **040** Date: **May 3 1987**

SITE EVALUATION WAIVED BY LOCAL OPTION

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

PORTLAND

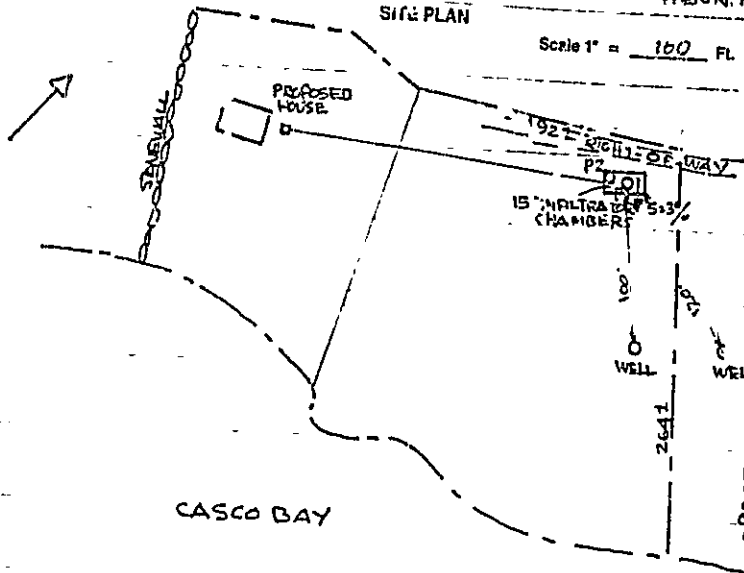
CLIFF ISLAND

SITE PLAN

HENNING PONTOPPIDAN

Scale 1" = 100' FL.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New Sys. 37 Variance)



NOTE - EASEMENT TO BE OBTAINED TO DISPOSE OF SEWAGE ON ADJACENT PROPERTY.

## SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole P1  Test Pit  Boring

HUMUS 1" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0			DK. BROWN	
0-10	SANDY		BROWN	
10-15	LOAM	FRIABLE		
15-20	W/ROCKS			
20-25	LOAMY SAND		ORANGE-BROWN	FAINT
25-30	CLSE. SAND			
30-35	LEDGE			

Soil Classification: A/C (Silt Content) 3 (Limiting Factor)  Ground Water  Residual Layer  Bedrock

Observation Hole P2  Test Pit  Boring

HUMUS 2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
0-10	SANDY LOAM		BROWN	
10-15	W/ROCKS			
15-20		FRIABLE		
20-25	LOAMY SAND		ORANGE-BROWN	
25-30	LEDGE			

Soil Classification: A/C (Silt Content) 3 (Limiting Factor)  Ground Water  Residual Layer  Bedrock

*M. Pontoppidan*  
Site Evaluator Signature

040  
SE#

Mar 2, 1987  
Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation

Street, Road, Subdivision

Department of Human Services  
Division of Health Engineering

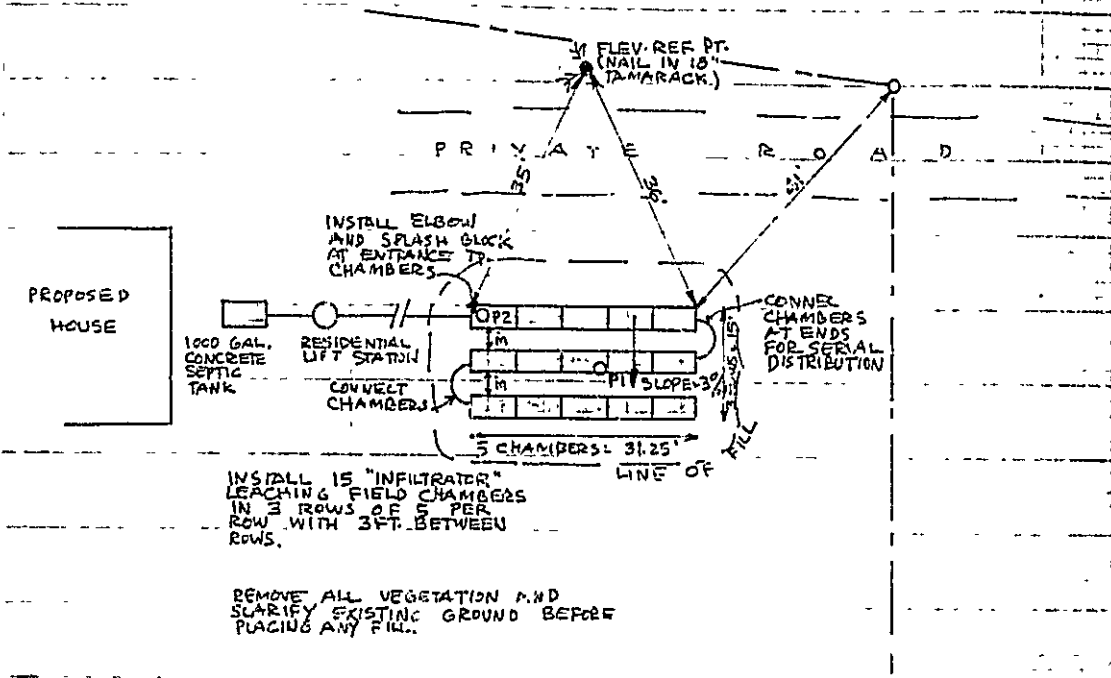
Owners Name

PORTLAND - CLIFF ISLAND

HENNING PONTOPP, DAN

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' FL



INSTALL 15 "INFILTRATOR" LEACHING FIELD CHAMBERS IN 3 ROWS OF 5 PER ROW WITH 3FT. BETWEEN ROWS.

REMOVE ALL VEGETATION AND SCARIFY EXISTING GROUND BEFORE PLACING ANY FILL.

**FILL REQUIREMENTS**

Depth of Fill (Upslope)	17"
Depth of Fill (Downslope)	17"

**CONSTRUCTION ELEVATIONS**

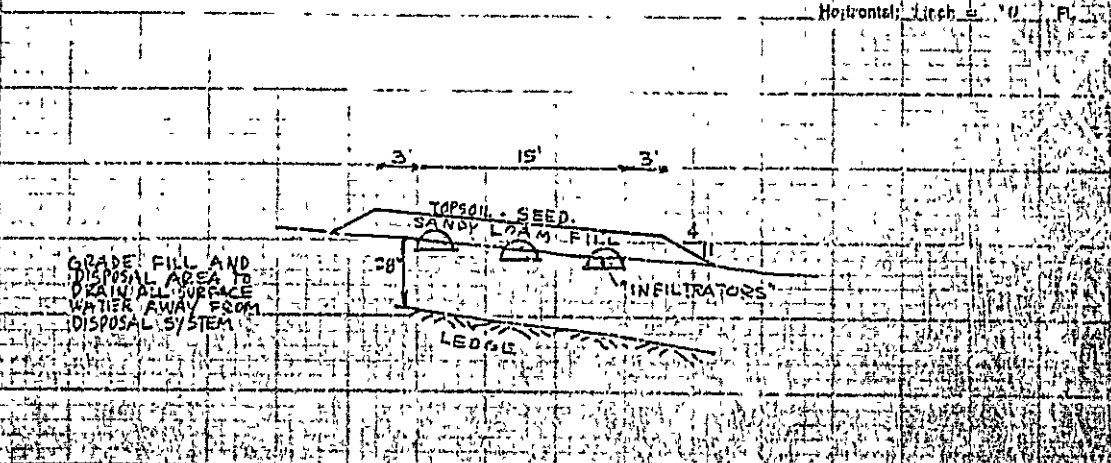
Reference Elevation is	0'
Bottom of Disposal Area	-68" -71" -74"
Top of Distribution Lines or Chambers	-53" -56" -59"

**ELEVATION REFERENCE POINT LOCATION & DESCRIPTION**

Reference Point	NAIL IN 18" TAMARACK
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**DISPOSAL AREA CROSS SECTION**

Scale:  
Vertical: 1 inch = 5' FL  
Horizontal: 1 inch = 10' FL



Site Evaluator Signature

040

May 2, 1987



CITY OF PORTLAND, MAINE

381 CONGRESS STREET  
PORTLAND, MAINE 04101  
(207) 775-5451

DEPARTMENT OF PLANNING & URBAN DEVELOPMENT

P. SAMUEL HOFFSES, CHIEF  
INSPECTION SERVICES DIVISION

Lot 109-A-B-11  
Cliff Island, Maine

April 4, 1988

Mr. Roger Berle  
Finestkind  
Cliff Island, Maine 04019

Dear Mr. Berle:

Thank you for your application for a building permit for a wharf with a float and gangplank on Cliff Island. However, the City of Portland can not begin our review of this project until such time as the other approvals have been granted by the Department of Environmental Protection, the Corps of Army Engineers, and the Board of Harbor Commissioners.

Your application for an alteration of wetlands permit and site plan review for your proposed wharf and float must be obtained prior to the issuance of a building permit. Wetlands alteration permits must be processed through the City Planning Board, but these other approvals should be obtained prior to the application for such review.

Sincerely,

*Warren J. Tothner*

Warren J. Tothner  
Zoning Enforcement Inspector

cc: Joseph E. Gray, Jr., Director, Planning & Urban Development  
Alexander Jaegerman, Chief Planner  
P. Samuel Hoffses, Chief, Inspection Services  
Arthur A. Gato, Code Enforcement Officer