

#2

109C-A-048

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation: PORTLAND
 Street: Island Ave
 Subdivision Lot #: CLIFF ISLAND

PROPERTY OWNERS NAME

Last: POTTER First: PAUL

Applicant Name: Robert Howard

Mailing Address of Owner/Applicant (if Different): Box 35 Cliff Island ME 04018

PORTLAND Date Permit Issued: 6-14-96 7327 TOWN COPY \$ 100 FEE Double Fee Charged

Samuel H. Hodges Local Plumbing Inspector Signature L.P.I. # 0124

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.

[Signature] 6-14-96
 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] Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
- MINIMUM LOT SIZE VARIANCE

INSTALLATION IS:

COMPLETE SYSTEM

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

INDIVIDUALLY INSTALLED COMPONENTS:

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

SEASONAL CONVERSION

to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____

SITE OF PROPERTY 120,000 SF **ZONING** RES

TYPE OF WATER SUPPLY

WELL TO BE DRILLED

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

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

SPECIFY _____

PUMPING

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

DOSE: _____ GALS.

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

3 BEDROOM SINGLE FAMILY RESIDENCE

DESIGN FLOW: 200 GPD (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>2</u>	<u>B/ATL</u>

DEPTH TO LIMITING FACTOR: 22"

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED _____ Sq. Ft.
- CHAMBER 660 Sq. Ft. REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On OCT 11, 1996 (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]
 Site Evaluator Signature

040
 SE

OCT 20, 1996
 Date

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

001 = Sam H.

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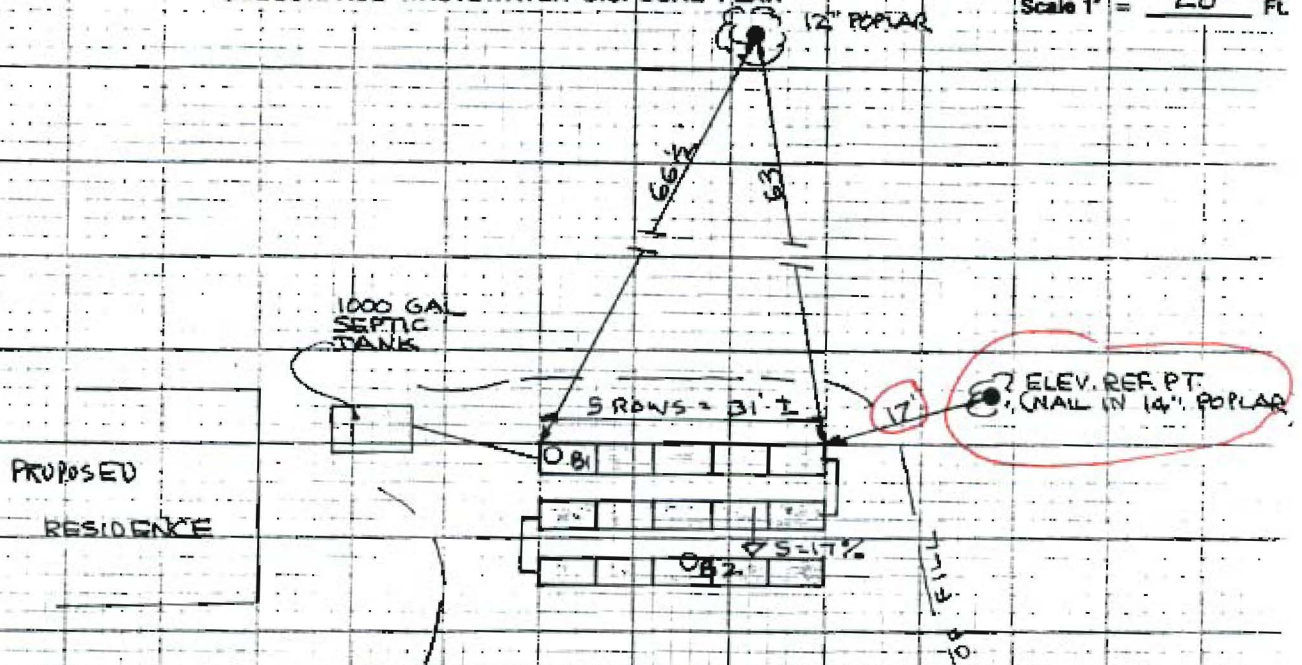
Town, City, Plantation
PORTLAND

Street, Road, Subdivision
CLIFF ISLAND

Owners Name
PAUL POTTER

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' FL



INSTALL 15 PLASTIC "INFILTRATOR" LEACHING FIELD CHAMBERS IN 3 ROWS OF 5 CHAMBERS PER ROW. PROVIDE FOR SERIAL DISTRIBUTION OF WASTE WATER.

REMOVE VEGETATION AND SCARIFY EXISTING SOIL BEFORE PLACING ANY FILL.

LOCATE WELL AT LEAST 100' FROM DISPOSAL SYSTEM.

FILL REQUIREMENTS

Depth of Fill (Upslope) 23"
Depth of Fill (Downslope) 23"

CONSTRUCTION ELEVATIONS

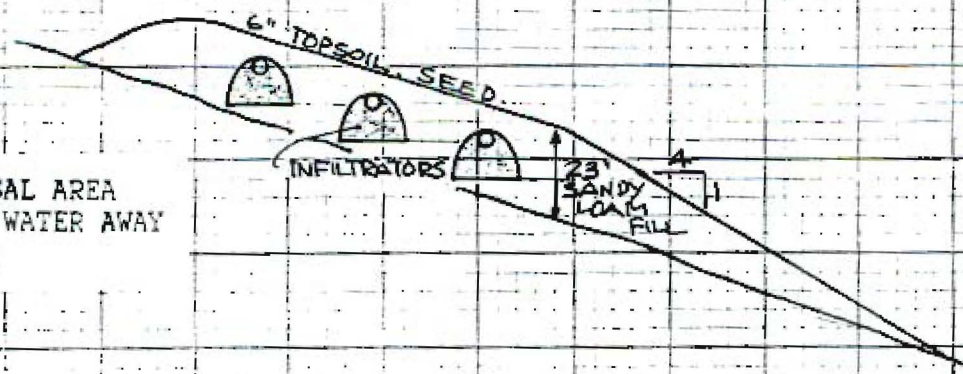
Reference Elevation is 0"
Bottom of Disposal Area -67" -79" -91"
Top of Distribution Lines or Chambers -52" -64" -76"

ELEVATION REFERENCE POINT

LOCATION & DESCRIPTION
NAIL IN 14" POPLAR TREE

DISPOSAL AREA CROSS SECTION

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



GRADE FILL AND DISPOSAL AREA TO DRAIN ALL SURFACE WATER AWAY FROM DISPOSAL SYSTEM.

[Signature]
Site Evaluator Signature

040
SE#

Oct 19, 1996
Date

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Department of Human Services
Division of Health Engineering

Town, City, Plantation
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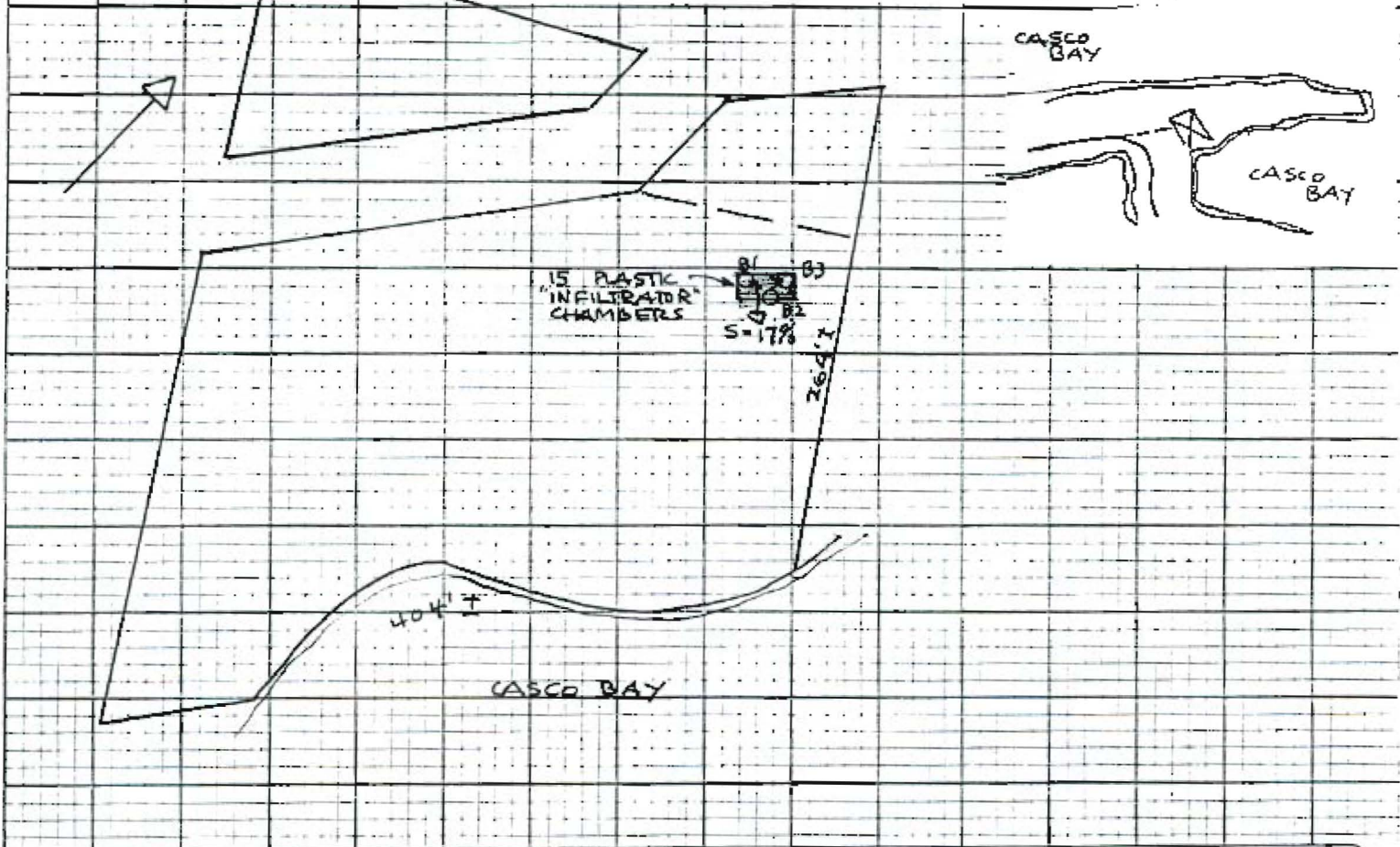
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Owners Name
PAUL POTTER

SITE PLAN

Scale 1" = 100' FL

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



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole B1 Test Pit Boring
Humus 1" * Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
SANDY		DULL	
LOAM	FRIABLE	ORANGE -	
W/ANGULAR		BROWN	
ROCKS		BROWN	NONE OBSERVED
LEGE			

Soil Profile 2 Classification B/ATL Slope 17% Limiting Factor 24"
 Ground Water
 Restrictive Layer
 Bedrock

Observation Hole B2 Test Pit Boring
Humus 1" * Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
SANDY		DULL	
LOAM	FRIABLE	ORANGE -	
W/ANGULAR		BROWN	
ROCKS		BROWN	NONE OBSERVED
LEGE			

Soil Profile 2 Classification B/ATL Slope 17% Limiting Factor 22"
 Ground Water
 Restrictive Layer
 Bedrock

[Signature]
Site Evaluator Signature

040
SE#

October 19, 1996
Date