

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: BAR HARBOR (TOWN HILL)
 Street Subdivision Lot #: ROUTE 102
 PROPERTY OWNERS NAME
 Last: SWANSON First: PETER
 Mailing Address of Owner: ROUTE 102
TOWN HILL, MAINE
 Daytime Tel. #: 207-288-9657

BAR HARBOR 3/31/98
 Date Permit Issued: 3/31/98
 Local Plumbing Inspector Signature: [Signature]
 2389 \$ 7.50 TOWN COPY FEE if Double Fee Charged
 L.P.I. # 011321

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: Peter C. Swanson Date: 3/31/98

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: [Signature] Date Approved: 10-14-98

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

1/2 ACRE ±

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

DRILLED

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- Concrete
 - Regular
 - Low Profile
 - Plastic
- SIZE 1000 Gallons

DISPOSAL AREA TYPE/SIZE

- Stone Bed 740 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)

2 BEDROOMS

PROFILE & DESIGN CLASS

PROFILE: 8 DESIGN: D

DEPTH TO MOST LIMITING FACTOR: 8

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: 180
(Gallons/Day)

SITE EVALUATOR'S STATEMENT

On 5/10/96 (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: William A LaBelle Jr.
 Print Name: William A LaBelle Jr.

SE #: 319
 Telephone: 207-537-5900

Date: 9-2-96

Surface Wastewater Disposal System Application

Department of Human Services
Division of Health Engineering

Plantation
SAR HARBOR (TOWN HILL)

Street, Road, Subdivision
ROUTE 102
SITE PLAN

Owners Name
SWANSON, PETER

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

Scale 1" = 50 Ft.

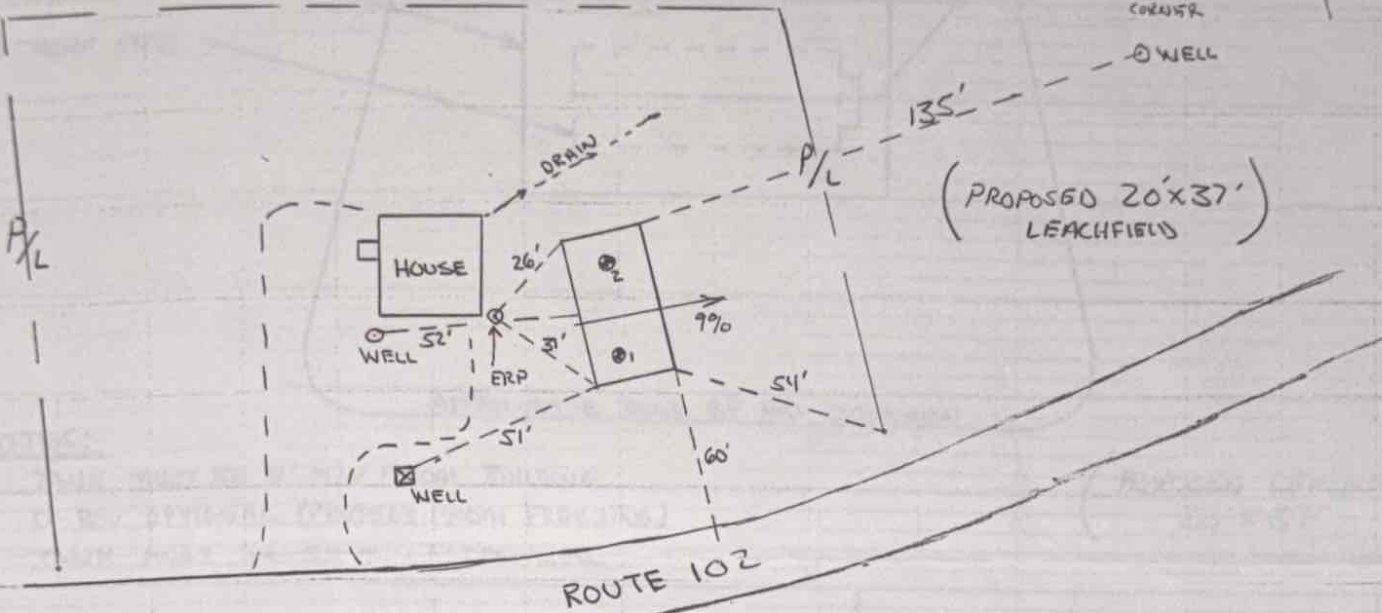
CRONKES ROAD

INDIAN PT RD

ROUTE 102

RED ROCK CORNER

WELL



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole #1 Test Pit Boring
1/2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	GRAVELLY SILT LOAM	FRIABLE	VERY DARK BROWN	
6				FEW FAINT
10				
15				
20	SANDY SILT LOAM		GREY TO PALE OLIVE	MANY PROMINENT
25		COMPACTED		
30				
40				
50				

Soil Profile: 8
Classification: D
Slope: 9%
Limiting Factor: 8'
Ground Water:
Restrictive Layer:
Bedrock:

Observation Hole #2 Test Pit Boring
1/2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	GRAVELLY SILT LOAM	FRIABLE	BLACK TO VERY DARK BROWN	
6				COMMON DISTINCT
10				
15				
20			GREY TO PALE OLIVE	MANY PROMINENT
25	SAND	COMPACTED		
30				
40				
50				

Soil Profile: 8
Classification: D
Slope: 9%
Limiting Factor: 8'
Ground Water:
Restrictive Layer:
Bedrock:

Will A DeBelle
Site Evaluator Signature

319
SE#

9-2-96
Date

FACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Plantation

HARBOR (TOWN HILL)

Street, Road or Subdivision

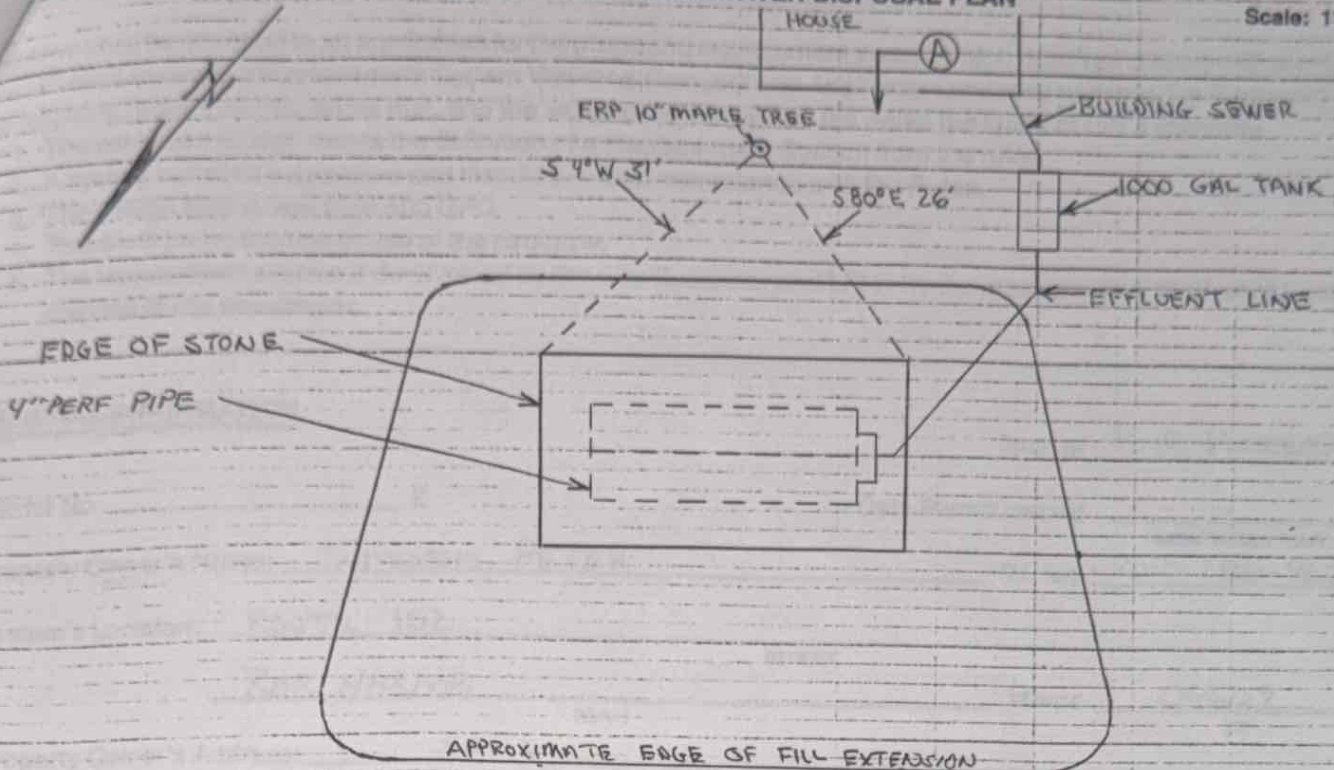
ROUTE 102

Name of Owner

SWANSON, PETER

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' FL.



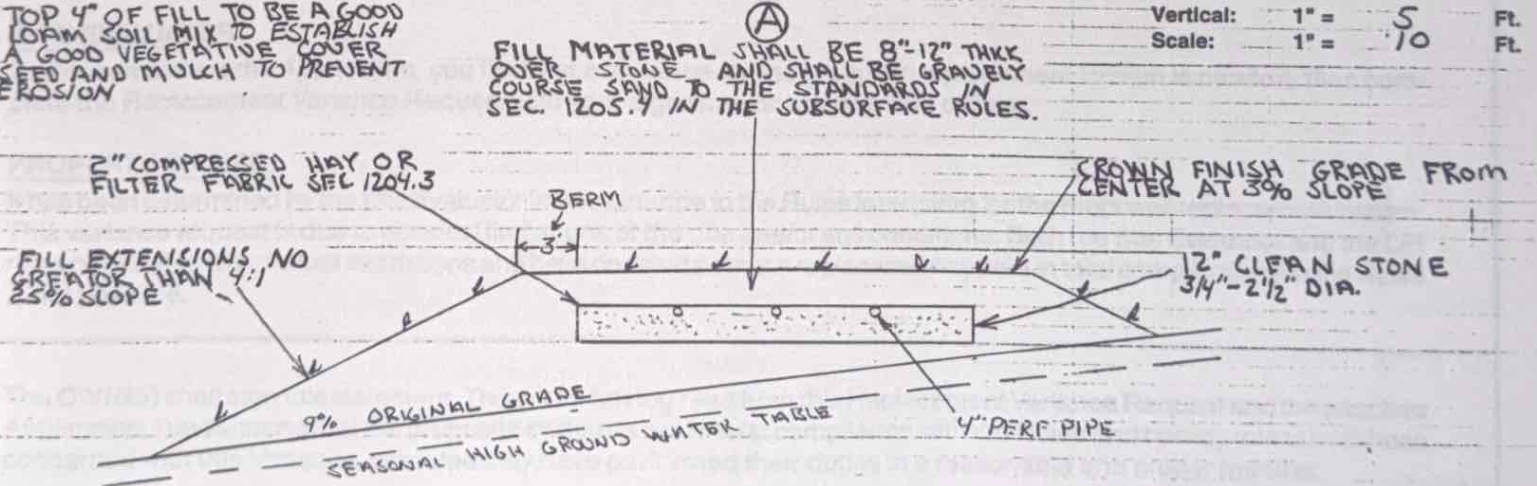
NOTES:

- TANK MUST BE 8' MIN FROM BUILDING
- D-BOX OPTIONAL (PROTECT FROM FREEZING)
- TANK MUST BE 50' MIN FROM WELL

(PROPOSED LEACHFIELD)
20' X 37'

FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Fill (Upslope) <u>28"</u>	Finished Grade Elevation <u>-36" TO -40"</u>	Location & Description <u>5'4" W 31' FROM WESTERLY CRN OF BQ/ 10" MAPLE TREE</u>
Depth of Fill (Downslope) <u>45"</u>	Top of Distribution Pipe or Proprietary Device <u>-49"</u>	Reference & Elevation <u>NAIL 0"</u>
	Bottom of Disposal Area <u>-60"</u>	

DISPOSAL AREA CROSS SECTION



- REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA
- BOTTOM OF STONE MUST BE LEVEL W/ MAX GRADE TOLERANCE OF 2" PER 100'
- SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE SUBSURFACE WASTEWATER RULES IN EFFECT AT THIS TIME

Will - 72aBelle
Site Evaluator Signature

319
SE #

9-2-96
Date