# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

## PROPERTY LOCATION

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation: BAR HARBOR

Street or Road: SCHOONER HEAD RD

Subdivision, Lot #:

BAR HARBOR PERMIT # 4392 STATE COPY

Date Permit Issued: 2/8/08 $ 110.00 FEE ☐ If Device Fee Changed

Local Plumbing Inspector Signature

L.P.I. # 1000

## OWNER/APPLICANT INFORMATION

Name (last, first, MI): SCHROEDER ☐ Owner ☐ Applicant

Mailing Address of Owner/Applicant: BILL HANLEY A&A ARCH. 69 COTTAGE ST BAR HARBOR ME 04609

Daytime Tel. #: 288-0954

Municipal Tax Map # 253 Lot # 20

**OWNER OR APPLICANT'S STATEMENT**

I state and acknowledge 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 or Applicant — Date: 2/12/08

**CAUTION: INSPECTION REQUIRED**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. _____ (1st) date approved

Local Plumbing Inspector Signature — (2nd) date approved

## PERMIT INFORMATION

**TYPE OF APPLICATION**

- ■ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

**THIS APPLICATION REQUIRES**

- ■ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Permit

**DISPOSAL SYSTEM COMPONENTS**

- ■ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & pit toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, _____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

**SIZE OF PROPERTY**

1 1/2 Ac ☐ SQ. FT. ■ ACRES

**SHORELAND ZONING**

☐ Yes ■ No

**DISPOSAL SYSTEM TO SERVE**

- ☐ 1. Single Family Dwelling Unit, No. of Bedrooms: ____
- ■ 2. Multiple Family Dwelling, No. of Units: 2
- ☐ 3. Other: _____ (specify)

Current Use: ☐ Seasonal ☐ Year Round ■ Undeveloped

**TYPE OF WATER SUPPLY**

- ☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
- ■ 4. Public ☐ 5. Other

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

**TREATMENT TANK**

- ■ 1. Concrete 2000 SEPTIC TANK AND
  - ☐ a. Regular PRETREATMENT
  - ☐ b. Low Profile TANK
- ☐ 2. Plastic
- ■ 3. Other: 1500 GAL ORENCO
  - CAPACITY: 2000 GAL

**DISPOSAL FIELD TYPE & SIZE**

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ■ 3. Proprietary Device PRETREATMENT 50% REDUCTION
  - ■ a. cluster array ☐ c. Linear
  - ☐ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____
  - SIZE: 768 ■ sq. ft. ☐ lin. ft.

**GARBAGE DISPOSAL UNIT**

- ■ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. multi-compartment tank
- ☐ b. ____ tanks in series
- ☐ c. increase in tank capacity
- ☐ d. Filter on Tank Outlet

**DESIGN FLOW**

450 gallons per day

BASED ON:

- ■ 1. Table 501.1 (dwelling unit[s])
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS for other facilities

3BR HOME & APARTMENT IN GARAGE

270 + 180 = 450 GPD

- ☐ 3. Section 503.0 (meter readings)

ATTACH WATER METER DATA

**SOIL DATA & DESIGN CLASS**

PROFILE CONDITION DESIGN

2, GA, 1

at Observation Hole # TP2

Depth 24"

of Most Limiting Soil Factor

**DISPOSAL FIELD SIZING**

- ☐ 1. Small—2.0 sq. ft. / gpd
- ☐ 2. Medium—2.6 sq. ft. / gpd
- ■ 3. Medium—Large 3.3 sq. ft / gpd
- ☐ 4. Large—4.1 sq. ft / gpd
- ☐ 5. Extra Large—5.0 sq. ft. / gpd

**EFFLUENT EJECTOR PUMP**

- ☐ 1. Not Required
- ■ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

**LATITUDE AND LONGITUDE**

at center of disposal area

Lat. 44 d 21 m 1.8 s

Lon. 68 d 11 m 23.8 s

If g.p.s., state margin of error: UNKNOWN

## SITE EVALUATOR STATEMENT

I certify that on 7-16-07 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature — #189 SE # — 7-26-07 Date

Mike J Gramlich — Site Evaluator Name Printed

207-843-6395 — Telephone Number

POB 284 Holden, ME 04429 — Address

**Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.**

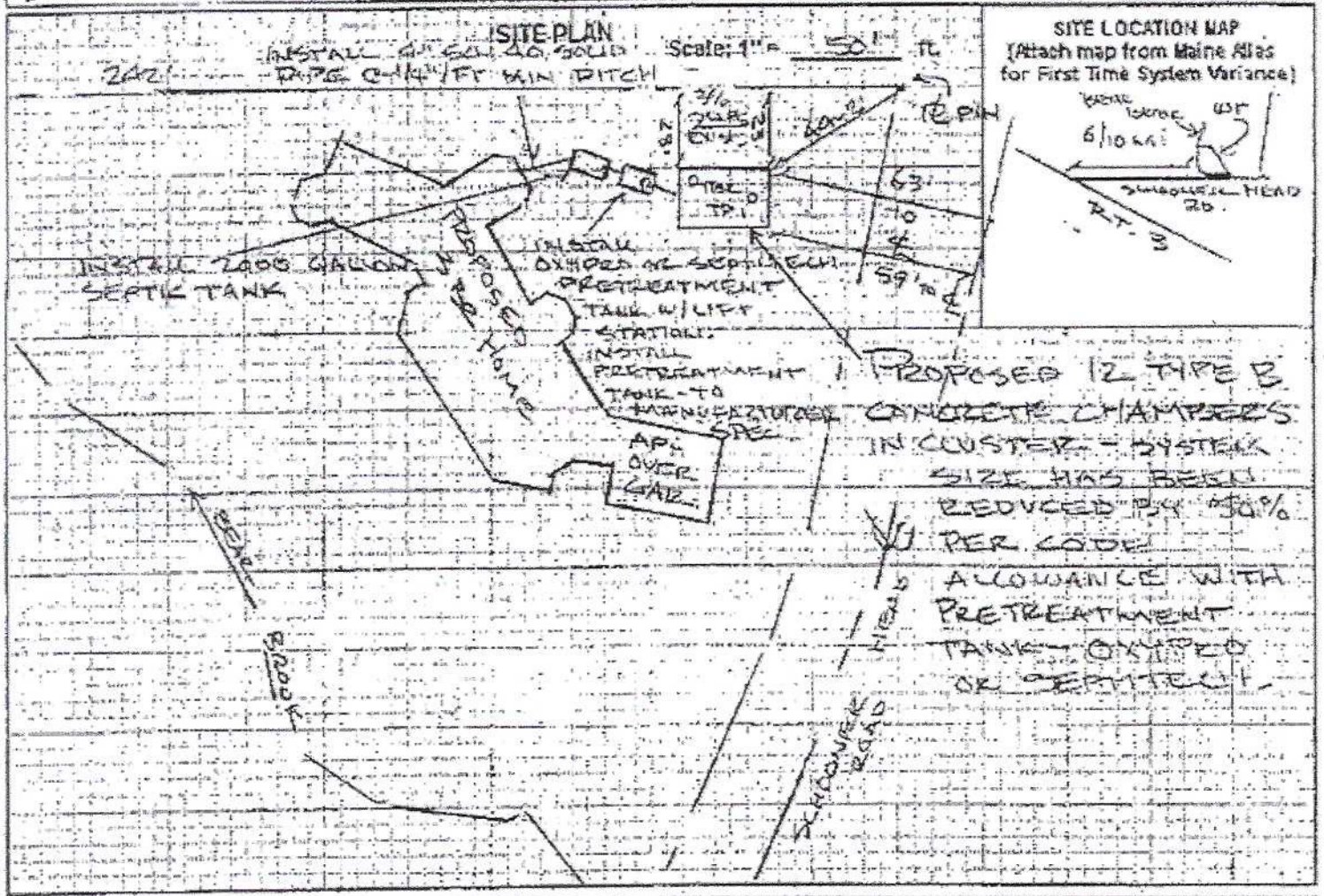
HHE-200 Rev. 4/05

(207) 287-5672 FAX (207) 287-4172

| Town, City, Plantation | Street, Road, Subdivision | Owner or Applicant Name |
|---|---|---|
| BAR HARBOR | SCHOONER HEAD ROAD | SCHROEDER |

SITE PLAN

Scale: 1" = 50' ft




SITE LOCATION MAP
(Attach map from Maine Atlas for First Time System Variance)




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

Observation Hole # TP1 & TP2 ☒ Test Pit ☒ Boring

2" Depth of organic horizon above mineral soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0 | | | | |
| 6 | | | BROWN | |
| 12 | GRAVELLY SANDY LOAM | FRIABLE | YELLOW BROWN | NONE |
| 18 | | | | |
| 24 | | | | |
| 30 | REFUSAL | | | |
| 36 | ASSUMED BEDROCK | | | |
| 42 | | | | |
| 48 | | | | |

| Soil Profile | Classification Condition | Slope Percent | Limiting Factor Depth | ☐ Groundwater ☐ Restrictive Layer ☒ Bedrock |
|---|---|---|---|---|
| 2 | C/A | 3 | 24" | |

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ Depth of organic horizon above mineral soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0 | | | | |
| 6 | | | | |
| 12 | | | | |
| 18 | | | | |
| 24 | | | | |
| 30 | | | | |
| 36 | | | | |
| 42 | | | | |
| 48 | | | | |

| Soil Profile | Classification Condition | Slope Percent | Limiting Factor Depth | ☐ Groundwater ☐ Restrictive Layer ☐ Bedrock |
|---|---|---|---|---|
| | | | | |

Site Evaluator Signature

Mike J Gramlich POB 284 Holden ME 04429 207 843-6395

189 SE #

7-26-07 Date