

TOWN

Maine Dept. Health & Human Services
Div of Environmental Health, 11 SHS
(207) 287-2070 Fax: (207) 287-4172

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

>> CAUTION: LPI APPROVAL REQUIRED <<

PROPERTY LOCATION

City, Town, or Plantation: SURRY

Street or Road: VIKING TRAIL LOT 8

Subdivision, Lot #: UNION BAY SHORES

Town/City: SURRY Permit # 2087

Date Permit Issued: 4/21/22 Fee: \$ 250 + 35 Double Fee Charged ()

Daniel Whiston L.P.I. # 2295

Local Plumbing Inspector Signature

Owner / Town State

OWNER/APPLICANT INFORMATION

Name (last, first, MI): HEANSSUER KATHY Owner Applicant

Mailing Address of Owner/Applicant: BACANARY CAVE RD DEER ISLE ME 04627

Daytime Tel. #: 348-6185 266-1983

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued 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 # 042 Lot # 009-08

OWNER OR APPLICANT 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 _____

CAUTION: INSPECTION REQUIRED

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

Daniel Whiston 9.15.22 (1st) date approved

Daniel Whiston 11.1.22 (2nd) date approved

Local Plumbing Inspector Signature

PERMIT INFORMATION

TYPE OF APPLICATION

1. First Time System

2. Replacement System
Type replaced: SAND FILTER
Year installed: 1986

3. Expanded System
 a. <25% Expansion
 b. >25% 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

SIZE OF PROPERTY

1.65A SQ. FT. ACRES

SHORELAND ZONING

Yes No

DISPOSAL SYSTEM TO SERVE

1. Single Family Dwelling Unit, No. of Bedrooms: 4

2. Multiple Family Dwelling, No. of Units: _____

3. Other: _____ (specify)

Current Use Seasonal Year Round Undeveloped

DISPOSAL SYSTEM COMPONENTS

1. Complete Non-engineered System

2. Primitive System (graywater & alt. 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

PROPOSED 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 TOP SEAM

a. Regular

b. Low Profile

2. Plastic

3. Other: _____

CAPACITY: 1900 GAL.

W/ LIFT STATION

SOIL DATA & DESIGN CLASS

PROFILE CONDITION: 7 C/A

at Observation Hole # TP14

Depth: 22

of Most Limiting Soil Factor

DISPOSAL FIELD TYPE & SIZE

1. Stone Bed 2. Stone Trench

3. Proprietary Device CONCRETE CHAMBERS

a. cluster array c. Linear

b. regular load d. H-20 load

4. Other: SIDE OR END FEED

SIZE: 1280 sq. ft. lin. ft.

DISPOSAL FIELD SIZING

1. Medium---2.6 sq. ft. / gpd

2. Medium---Large 3.3 sq. ft. / gpd

3. Large---4.1 sq. ft. / gpd

4. Extra Large---5.0 sq. ft. / gpd

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

EFFLUENT/EJECTOR PUMP

Not Required

May Be Required

Required

Specify only for engineered systems:

DOSE: _____ gallons

DESIGN FLOW

360 gallons per day

BASED ON:

1. Table 4A (dwelling unit(s))

2. Table 4C (other facilities)

SHOW CALCULATIONS for other facilities

4 BEDROOM HOME

3. Section 4G (meter readings)

ATTACH WATER METER DATA

LATITUDE AND LONGITUDE

at center of disposal area

Lat. 44 d 29 m 213 s

Lon. 68 d 27 m 266 s

If g.p.s. state margin of error: 30 ft

5-10-02 SITE EVALUATOR STATEMENT

I certify that on 4-25-22 (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).

Mike J Gramlich SE # 189 Date 4-25-22

Site Evaluator Signature

Site Evaluator Name Printed Telephone Number E-mail Address

BSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 11
 (207) 287-5672 FAX (207) 287-4172

City, Plantation
SURRY

Street, Road, Subdivision
VIKING TRAIL LOT B UNION BAY SH

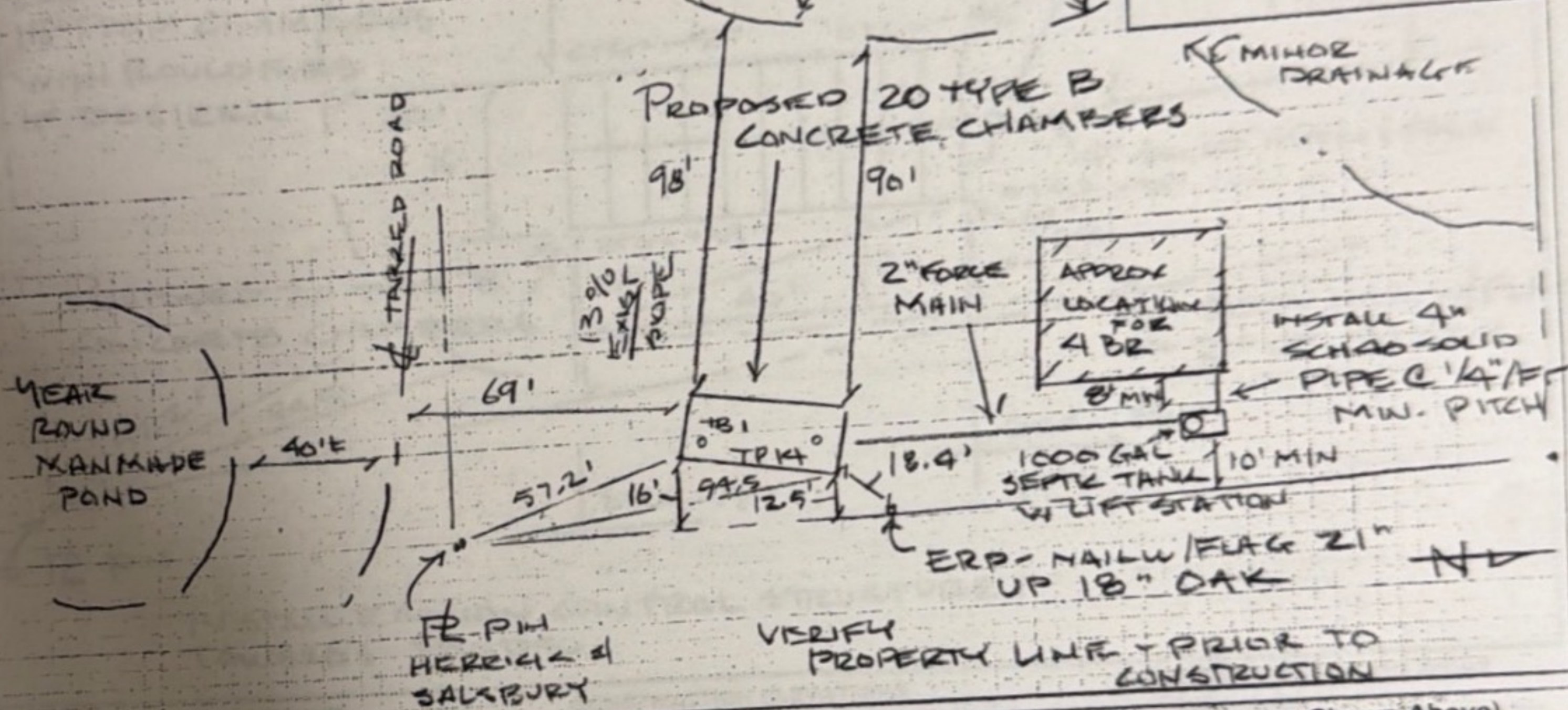
Owner or Applicant Name
KATHY HEANSLER

SITE PLAN

Scale: 1" = 50' ft.

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

PROPOSED WELL TO BE 100' MIN FROM DISPOSAL BED & 50' MIN. FROM TOP SEAM SEPTIC TANK



SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole # TP14 & TB1 Test Pit Boring

0" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
GRAVELLY		STRONG	
SANDY	FRIBLE	BROWN	NONE
LOAM			
FINE			
SANDY LOAM	FIRM	OLIVE	COMMON
SILT LOAM			DISTINCT
DEPTH OF PIT			

Soil Profile	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater
<u>7</u>	<u>S/All</u>	<u>13</u>	<u>22</u>	<input type="checkbox"/> Restrictive Layer
	Condition	Percent	Depth	<input type="checkbox"/> Bedrock

Observation Hole # _____ Test Pit Boring

Depth of organic horizon above mineral soil _____

Texture	Consistency	Color	Mottling
0			
6			
12			
18			
24			
30			
36			
42			
48			

Soil Profile	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater
	Condition	Percent	Depth	<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock

Mike J Gramlich
 Site Evaluator Signature
Mike J Gramlich

189

SE #

4-25-22
 Date

Page 2 of 3
 HHE-200 Rev. 6/01

POB 284 Holden ME 04429 207 843-6395

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 FAX (207) 287-4172

City, Plantation
SURRY

Street, Road, Subdivision
LOT 8 UNION BAY SHORES

Owner or Applicant Name
KATHY HEANSLER

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' ft.

TK = APPROXIMATE
 EXISTING SURFACE ELEVATION
 AT CORNER OF STAKED FIELD
 APPROXIMATE TOE
 OF FILL

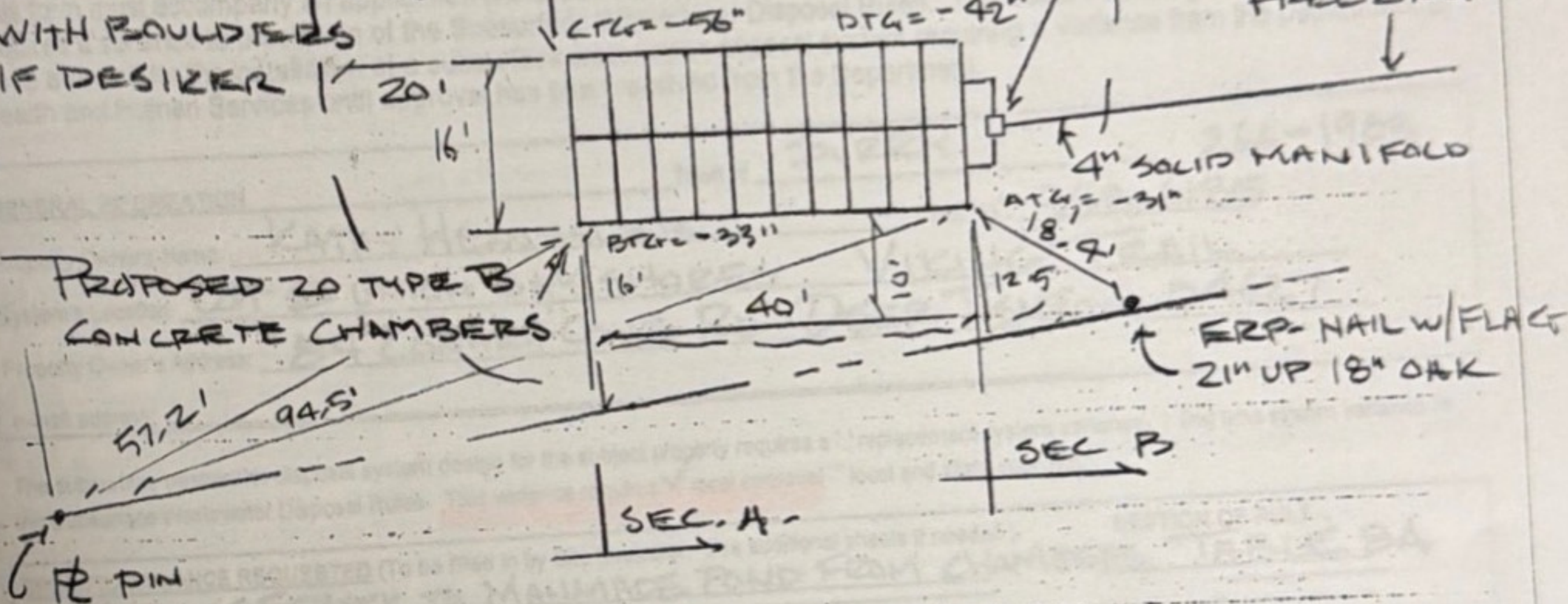
END FEED CHAMBERS MAY BE
 SUBSTITUTED FOR SIDE FEED,
 FEED 4 ROWS INSTEAD OF TWO.

INSTALL D. BOX INSULATE
 WITH 2" CLOSED CELL

CONTRACTOR
 CAN RETAIN FILL AT
 15' FROM CHAMBERS
 WITH BOULDERS
 IF DESIRED

APPROX
 TOE OF
 FILL

2" FORCE MAIN
 PROTECT FROM
 FREEZING



INSTALL EROSION CONTROL STRUCTURE
 TOWARDS POND

BACKFILL REQUIREMENTS

Depth of Backfill (upslope)	A	15'	17'
Depth of Backfill (downslope)	D	26'	40'

DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

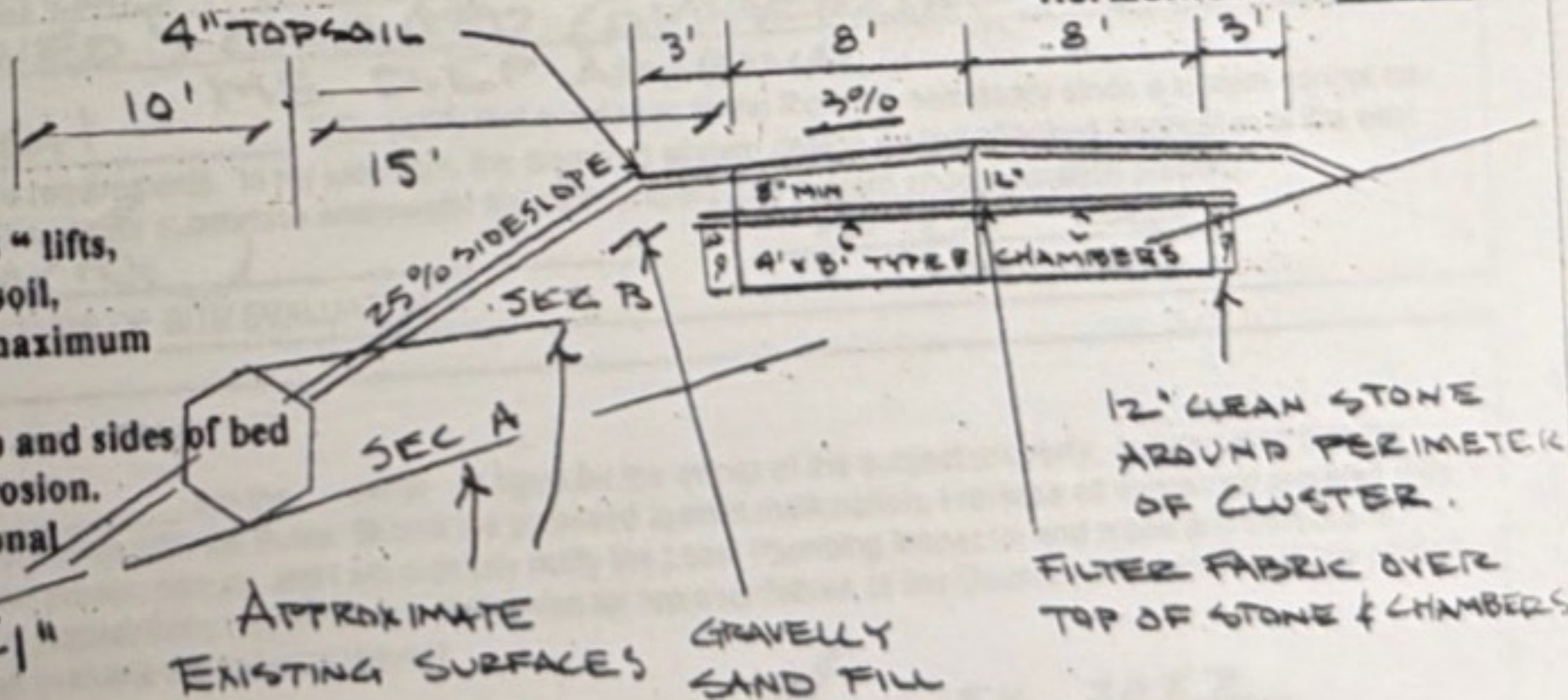
Finished Grade Elevation	-16"
Top of Distribution Pipe or Proprietary Device	-28"
Bottom of Disposal Field	-41"

ELEVATION REFERENCE POINT

Location & Description: _____
 Reference Elevation is: 0.0" or: _____

DISPOSAL FIELD CROSS-SECTION

Scales:
 Vertical: 1" = 5 ft.
 Horizontal: 1" = 10 ft.



Note:

- 1.) Scarify original surface under Disposal Field and fill extension.
- 2.) Place gravelly coarse sand fill in 8" lifts, incorporate into underlying original soil.
- 3.) Disposal Field to be level with a maximum grade tolerance of 2"/100 ft.
- 4.) Lime, fertilize, seed & mulch, top and sides of bed and all disturbed areas to prevent erosion.
- 5.) See Chapter 1 of code for additional requirements.
- 6.) Bottom of disposal field to be 41" below elevation of TBM (ERP).

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

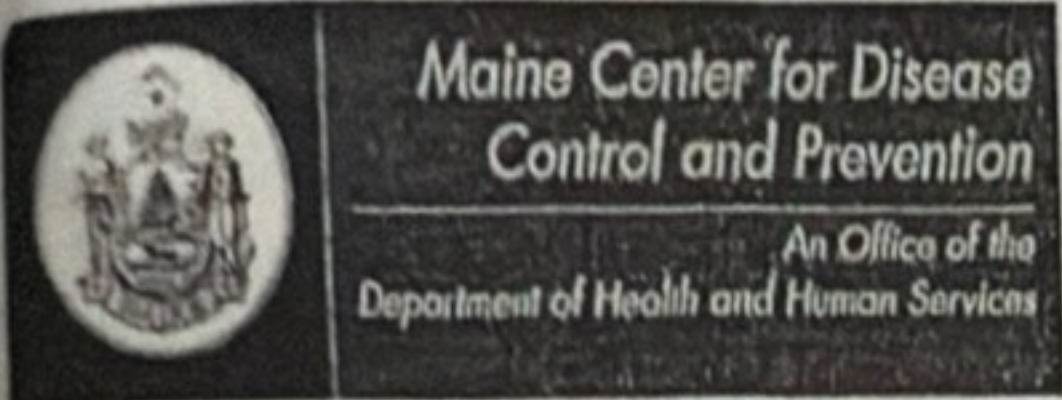
[Signature]
 Site Evaluator Signature

189

SE #

4-25-22

Date



Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-5672
Fax: (207) 287-4172; TTY: 1-800-606-0215

SUBSURFACE WASTEWATER DISPOSAL SYSTEM VARIANCE REQUEST

This form must accompany an application (HHE-200 Form) for any subsurface wastewater disposal system which requires a variance to provisions of the Subsurface Wastewater Disposal Rules. The Local Plumbing Inspector must not issue a permit for the installation of a subsurface wastewater disposal system requiring a variance from the Department of Health and Human Services until approval has been received from the Department.

GENERAL INFORMATION Town of SURRY 266-1983
 Property Owner's Name: KATHY HEANISSUER Tel. No.: 348-6185
 System's Location: LAT 8 UNION BAY SHORES VIKING TRAIL
 Property Owner's Address: 84 CANARY COVE RD DEER ISLE Zip Code 04627
 e-mail address: _____

The subsurface wastewater disposal system design for the subject property requires a replacement system variance first time system variance to the Subsurface Wastewater Disposal Rules. This variance requires local approval local and state approval.

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator. Use additional sheets if needed.) SECTION OF RULE TABLE 8A

1 90 FOOT SETBACK TO MANMADE POND FROM CHAMBERS

2 _____

3 _____

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal by a licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. Attach a separate sheet if necessary.

BEST FIT FOR DISPOSAL FIELD UNDER 2002 ±
SUBDIVISION APPROVAL FOR REMOVAL OF SAND FILTER (1986)
THAT PREVIOUS SERVED > 2000 GPD COMMERCIAL USE.
ME D.E.P APPROVAL

MIKE GRAMLICH S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available, enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.

[Signature] DATE 4-25-22
 SIGNATURE OF SITE EVALUATOR

PROPERTY OWNER

Samuel Corio am the owner agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

[Signature] DATE May 24, 2022
 SIGNATURE OF OWNER
 AGENT FOR THE OWNER

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all variance requests prior to rendering a decision.
 _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (does does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (do do not) approve the requested variance. I (will will not) issue a permit for the system's installation as proposed by the application.

Barcel Wuestow

LPI Signature

05-24-2023

Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all variance requests prior to forwarding to the Division of Environmental Health.
 _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (does does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (do do not) recommend the issuance of a permit for the system's installation as proposed by the application.

LPI Signature

Date

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT

DATE

- Notes 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 7.B.4 of the Subsurface Wastewater Disposal Rules for Municipal Review.)
 2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 7.B.3 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

SOIL, SITE AND ENGINEERING FACTORS FOR FIRST TIME SYSTEM VARIANCE ASSESSMENT WITH LIMITING SOIL DRAINAGE CONDITIONS (SEE TABLES 7C THROUGH 7M).

CHARACTERISTIC	POINT ASSESSMENT
Soil Profile	
Depth to Groundwater/Restrictive Layer	
Terrain	
Size of Property	
Waterbody Setback	
Water Supply	
Type of Development	
Disposal Area Adjustment	
Vertical Separation Distance	
Additional Treatment	
TOTAL POINT ASSESSMENT:	

Minimum Points (Check One): Outside Shoreland Zone-50 Inside Shoreland Zone-65 Subdivision-65