rec # 4412

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation	Readfield, Maine
Street or Road	375 Quiet Harbor Road (adjacent to)
Subdivision, Lot #	(L of #14 Tax Map)

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	Mrazik, Jeff ✓Owner ✓Applicant
Mailing Address of Owner/Applicant	375 Quiet Harbor Rd. Readfield, ME 04355
Daytime Tel. #	207-491-7552

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: 2/18/21

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City READFIELD Permit # 2564

Date Permit Issued 2/18/21 Fee: $ 265 Double Fee Charged [ ]

Clifford Bunker
Local Plumbing Inspector Signature L.P.I. #

Fee: $ 62.50 state min fee $ 187.50 Locally adopted fee
Copy: [ ] Owner [ ] Town [X] State DEP $ 15.00

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 # 102 Lot # 14

CAUTION: INSPECTION REQUIRED
I have inspected the installation authoirzed 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. <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

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

SIZE OF PROPERTY
0.6± SQ. FT. ✓ACRES

SHORELAND ZONING
Yes ✓No

DISPOSAL SYSTEM TO SERVE
- ✓1. Single Family Dwelling Unit, No. of Bedrooms: 3
- 2. Multiple Family Dwelling, No. of Units: _____
- 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 *Planned for future

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
- ✓1. Concrete
- ✓a. Regular
- b. Low Profile
- 2. Plastic
- 3. Other: _____

CAPACITY: 1,000 GAL.

DISPOSAL FIELD TYPE & SIZE
- 1. Stone Bed 2. Stone Trench
- ✓3. Proprietary Device
  - ✓a. cluster array c. Linear
  - ✓b. regular load d. H-20 load
- ✓4. Other: 3 rows of 7 Eljens/row = 21 units

SIZE: 1,008 ✓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
270 gallons per day
BASED ON:
- ✓1. Table 4A (dwelling unit(s))
- 2. Table 4C(other facilities)

SHOW CALCULATIONS for other facilites

- 3. Section 4G (meter readings)

ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
3 / C
at Observation Hole # TB-1
Depth 25"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING treatment area
- 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

EFFLUENT/EJECTOR PUMP
- ✓1. Not Required (See Note p.3)
- 2. May Be Required
- 3. Required

Specify only for engineered systems:
DOSE: _____ gallons

LATITUDE AND LONGITUDE
at center of disposal area
Lat. 44 d 25 m 08.39 s N
Lon. 69 d 59 m 27.93 s W
if g.p.s, state margin of error: _____

SITE EVALUATOR STATEMENT

I certify that on 9/3/2020 (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).

Scott R. Dixon
Site Evaluator Signature

406
SE #

10/3/2020
Date

Scott R. Dixon
Site Evaluator Name Printed

207-897-6752
Telephone Number

scott@main-landdci.com
E-mail Address

STATE OF MAINE — SCOTT R. DIXON LSE 406 — SITE EVALUATOR

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

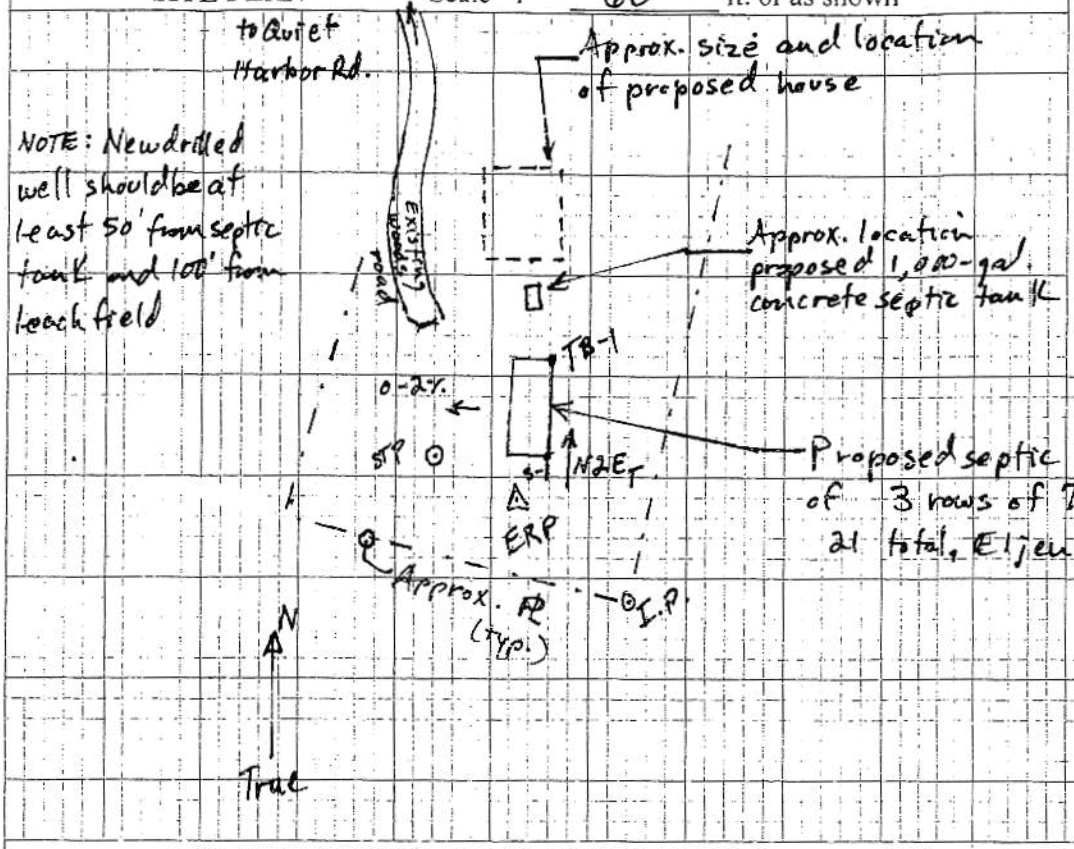
Town, City, Plantation: Readfield, ME

Street, Road, Subdivision: adjacent to 375 Quiet Harbor Rd. (Tax Map Lot #14)

Owner's Name: Jeff Mrazik

SITE PLAN

Scale 1" = 60 ft. or as shown

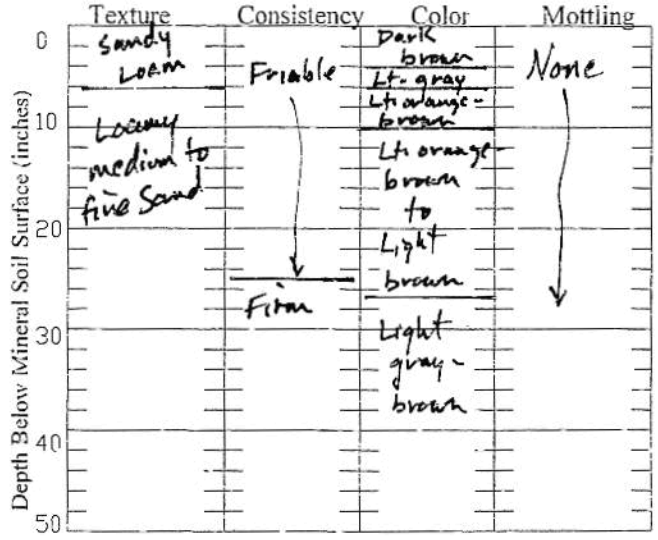




SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TB-1 ☐ Test Pit ☑ Boring

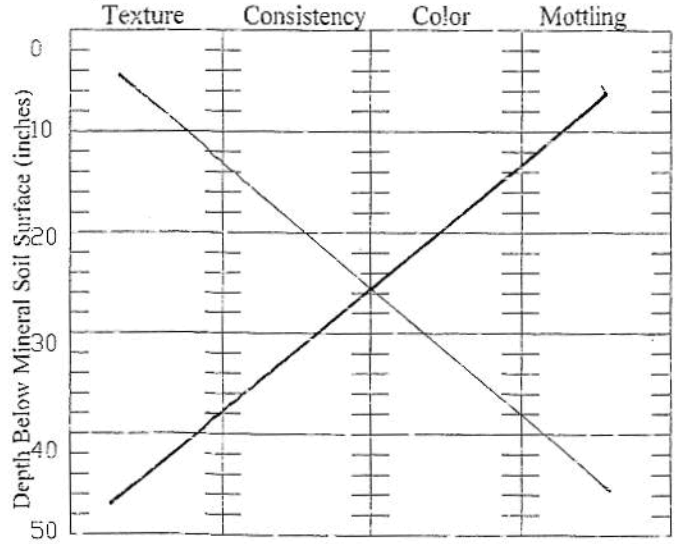
2 " Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
3 Profile / C Condition	0-2 %	25 "	[ ] Ground Water [✓] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Observation Hole N/A ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
Profile / Condition	%	"	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Site Evaluator Signature

406 SE #

10/3/2020 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

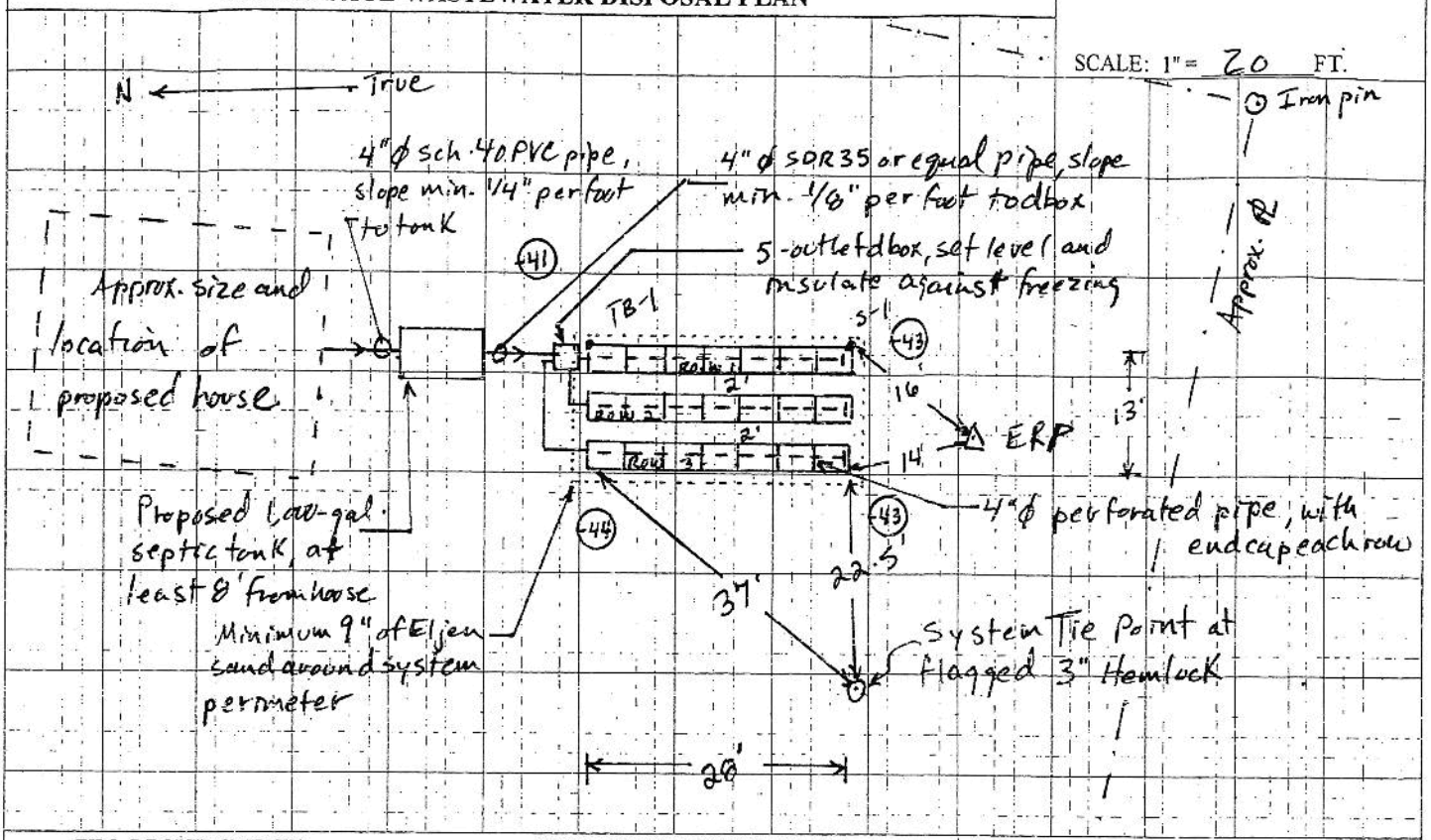
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation: Readfield, ME

Street, Road, Subdivision: adjacent to 375 Quiet Harbor Rd. (Tax Map Lot 14)

Owner's Name: Jeff Mrazik

SUBSURFACE WASTEWATER DISPOSAL PLAN



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (ERP)
Depth of Fill (Upslope)	6" ±	Finished Grade Elevation (at TB-1)	-35" ±	Location & Description: ERP is a flagged nail 31" up on a 6" Beech
Depth of Fill (Downslope)	6" ±	Top of Distribution Pipe (all rows)	-44"	Reference Elevation: ERP=0"
		Bottom of Disposal Area Sand, all rows	-61"	

DISPOSAL AREA CROSS SECTION

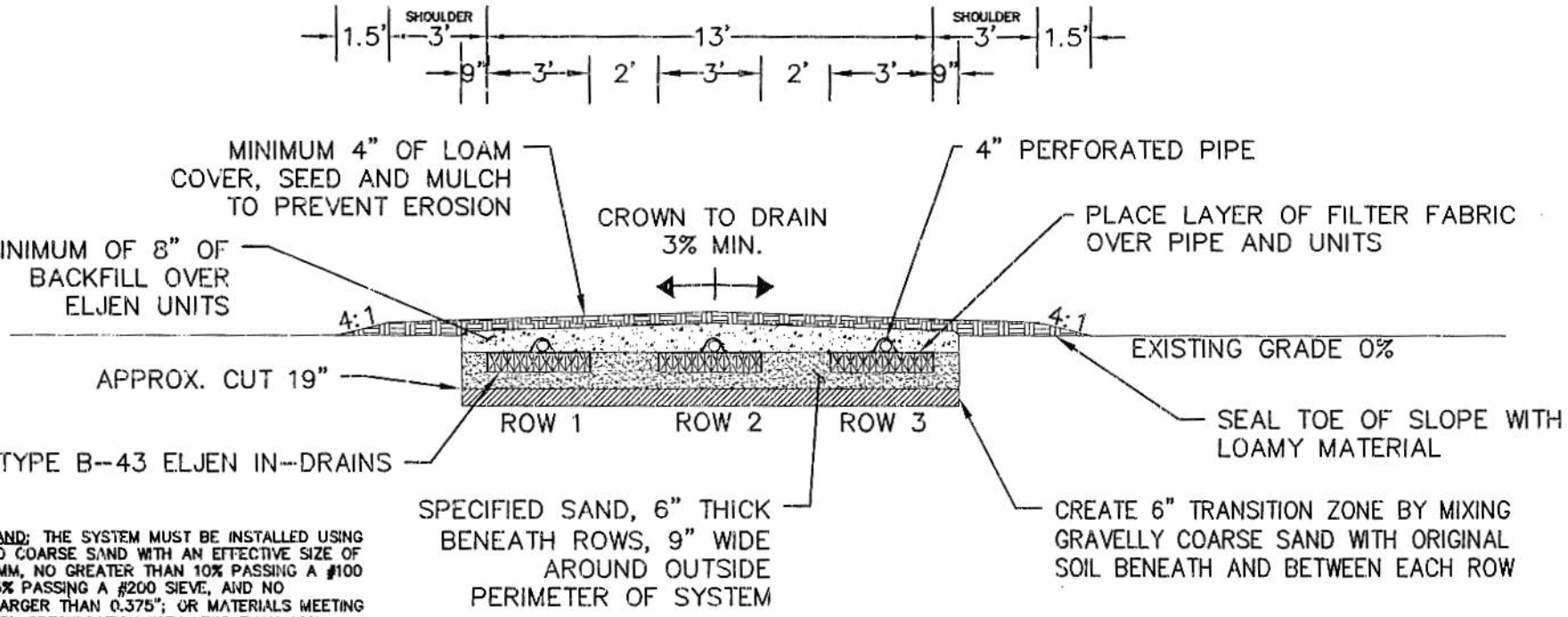
Scale
Horizontal 1" = 5 ft.
Vertical 1" = 5 ft.

(X) = Approximate existing grade at staked leachfield corners, in inches, referencing ERP

See Page 4 of 4 attached for Disposal Area Cross Section

NOTE: Prior to construction, Contractor should confirm that elevations of proposed building, sewer and septic tank allow for gravity flow to leachfield.

Site Evaluator Signature | 406 SE # | 10/3/2020 Date



NOTE:
SPECIFIED SAND: THE SYSTEM MUST BE INSTALLED USING A MEDIUM TO COARSE SAND WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0MM, NO GREATER THAN 10% PASSING A #100 SIEVE AND 5% PASSING A #200 SIEVE, AND NO PARTICLES LARGER THAN 0.375"; OR MATERIALS MEETING THE ASTM C33 SPECIFICATION WITH LESS THAN 10% PASSING A #200 SIEVE. WASHED CONCRETE SAND EASILY MEETS THE ABOVE SPECIFICATION AND IS A RELIABLE CHOICE. SUITABILITY OF BANK RUN SAND MUST BE VERIFIED.

ELEVATIONS : ERP=0"

	ROWS 1–3
FINISH GRADE	-35"±
TOP OF PIPE	-44"
BOTTOM OF UNITS	-55"
BOTTOM OF SAND	-61"

DEPTH OF FILL (UPSLOPE): 6"±
DEPTH OF FILL (DOWNSLOPE): 6"±

NOTE: BACKFILL MEANS GRAVELLY COARSE SAND

ANY QUESTIONS IN CONSTRUCTION OF SEPTIC SYSTEM CONTACT: SCOTT DIXON

10/3/2020
SCOTT R. DIXON LSE #406

ATTACHMENT TO FORM HHE-200, PAGE 4 OF 4

DISPOSAL AREA CROSS SECTION

DRAWN BY: SDH
CHECKED BY: SRD

DESIGN COMPLETED FOR:

JEFF MRAZIK

LOCATION: (Adjacent to)
375 QUIET HARBOR RD.
READFIELD, ME (Tax Map Lot 14)

SCALE 1"=5'

MAIN-LAND DEVELOPMENT CONSULTANTS, INC.
69 MAIN ST. LIVERMORE FALLS, MAINE
PH: (207) 897-6752 FAX: (207) 897-5404
WWW.MAIN-LANDDCI.COM