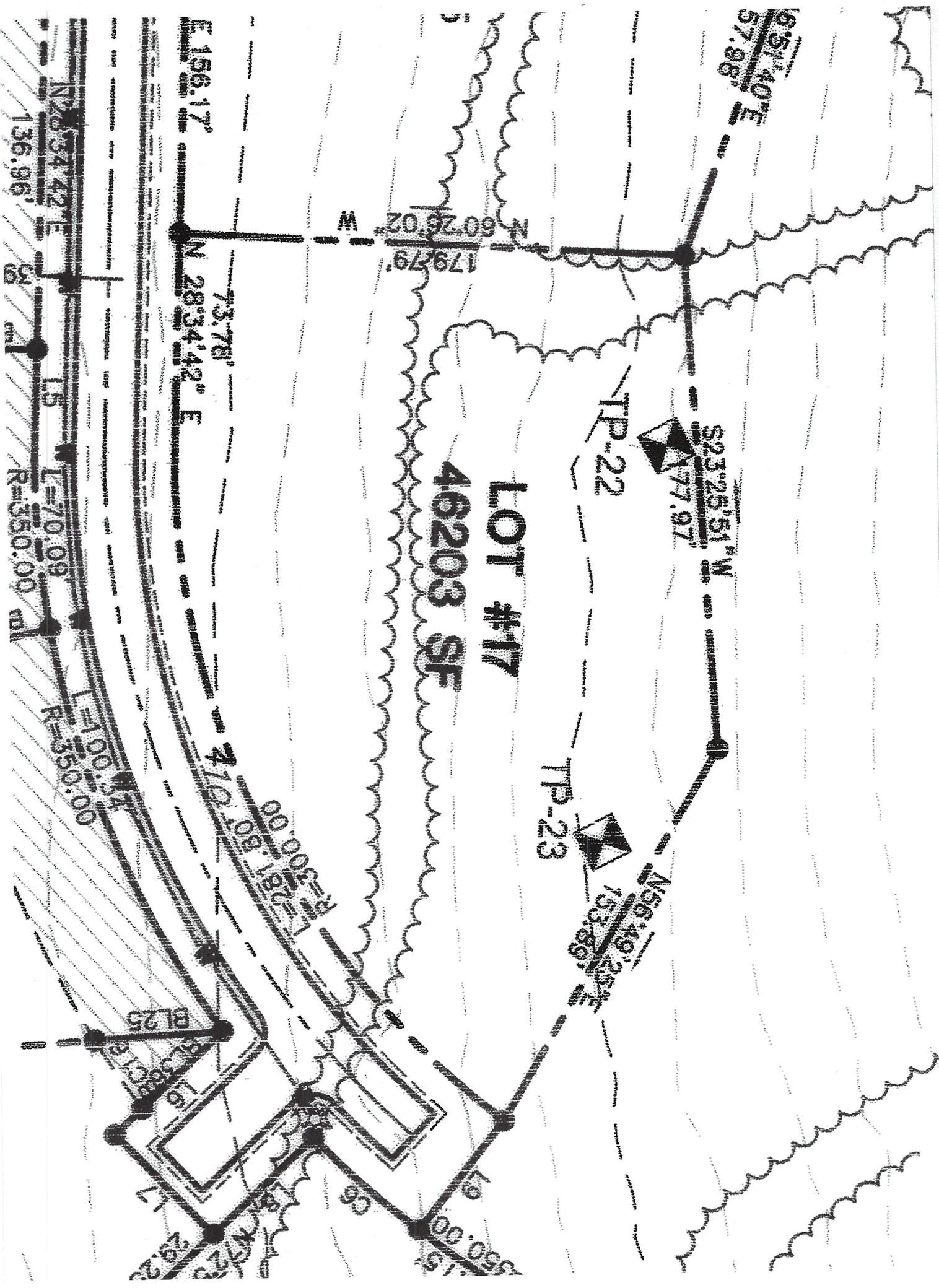
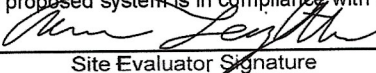




SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	Ellsworth	Town/City _____	Permit # _____
Street or Road	Dollard Farm Way	Date Permit Issued ____/____/____	Fee: \$ _____ Double Fee Charged []
Subdivision, Lot #	Lot 17	L.P.I. # _____	
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature _____	
Name (last, first, MI) _____ Partridge, Rebecca		☐ Owner ☐ Town ☐ State	
Mailing Address of Owner/Applicant _____ P.O. Box 1164 Ellsworth, ME 04605		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.	
Daytime Tel. # (207)-460-3602			
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
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.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant _____ Date _____		Local Plumbing Inspector Signature _____ (1st) date approved _____ _____ (2nd) date approved _____	
PERMIT INFORMATION			
TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENTS	
☒ 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	☒ 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	DISPOSAL SYSTEM TO SERVE	TYPE OF WATER SUPPLY	
1.06 ☐ SQ. FT. ☒ ACRES	☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2 ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: _____ (specify) Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped		
SHORELAND ZONING			
☐ Yes ☒ No			
DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
☒ 1. Concrete ☒ a. Regular ☐ b. Low Profile ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY: 1000 GAL.	☒ 1. Stone Bed ☐ 2. Stone Trench ☐ 3. Proprietary Device ☐ a. cluster array ☐ c. Linear ☐ b. regular load ☐ d. H-20 load ☐ 4. Other: _____ SIZE: 600 ☒ sq. ft. ☐ lin. ft.	☒ 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	180 _____ gallons per day BASED ON: ☒ 1. Table 4A (dwelling unit(s)) ☐ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	LATITUDE AND LONGITUDE at center of disposal area Lat. 44 _____ d 32 _____ m 43 _____ s Lon. 68 _____ d 30 _____ m 12 _____ s if g.p.s, state margin of error: 36'
PROFILE CONDITION 3 / C at Observation Hole # TP-1 Depth 15 " of Most Limiting Soil Factor	☐ 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	☐ Not Required ☒ May Be Required ☐ Required Specify only for engineered systems: DOSE: _____ gallons	
SITE EVALUATOR STATEMENT			
I certify that on 10/30/23 (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 		00439 SE #	12/4/23 Date
Aaron Leighton Site Evaluator Name Printed		(207)-598-6515 Telephone Number	aleighton94@outlook.com E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.			

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

Street,Road,Subdivision
Lot 17 Dollard Farm Way

Owner's Name
Rebecca Partridge

ERP 1 - A nail with a pink ribbon in a v notched Birch tree that is 16" up from the ground.
ELEV: 0"

ERP 2 - A nail with a pink ribbon in a 7" Fur tree that is 36" up from the ground.
ELEV: 0"

Approximate
property
line location
per owner.

Potential
House
Location

ERP 1
X ERP 2
X

Corner Reference from ERP

	ERP 1	ERP 2
A	40'-0"	48'-6"
B'	-	-
C	37'-4"	29'-0"
D	-	-



Woods



Observation Hole TP 1 ☒ Test Pit ☐ Boring
1 "Depth of Organic Horizon Above Mineral Soil

Soil profile diagram showing depth (0 to 50 inches) and soil characteristics (Texture, Consistency, Color, Mottling). The profile is divided into layers:

- 0-10 inches: Fine Sandy Loam, Friable, Non Evident
- 10-20 inches: Sandy Loam, Light Olive Brown, Common Concentrations
- 20-30 inches: Firm
- 30-50 inches: Limit of Investigation

Soil Classification	Slope	Limiting Factor	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
3 C Profile Condition	9 %	15 "	

Observation Hole TP 2 ☒ Test Pit ☐ Boring
2 "Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0 - 10	Fine Sandy Loam	Friable	Light Olive Brown	Non Evident
10 - 20		Firm		Common Concentrations
20 - 30		Firm		Common Concentrations
30 - 40				
40 - 50				

Limit of Investigation

Soil Classification	Slope	Limiting Factor	☒ Ground Water ☐ Restrictive Water ☐ Bedrock ☐ Pit Depth
<u>3</u> <u>C</u> Profile Condition	<u>10</u> %	<u>16</u> "	

Site Evaluator Signature

00439

SE#

12/4/23

Date _____

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HHE-200Rev.02/11

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation

Ellsworth

Street, Road, Subdivision

Lot 17 Dollard Farm Way

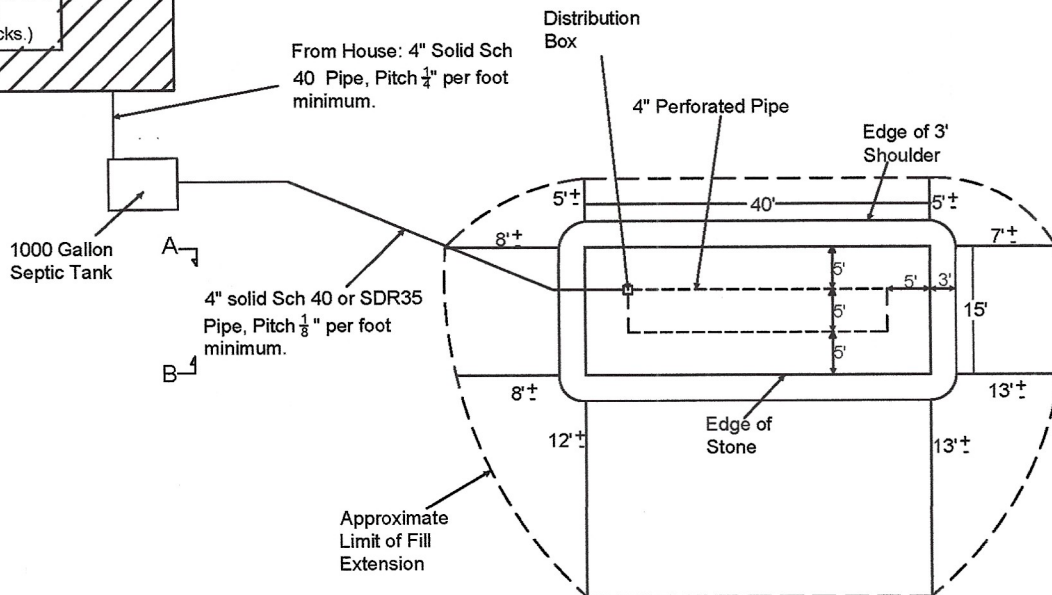
Owner's Name

Rebecca Partridge

SUBSURFACE WASTEWATER DISPOSAL PLAN

Note: Final Location of the Septic Tank and Distribution Box may be determined by the Installer (with approval of LPI, must meet all appropriate setbacks.)

0
SCALE: 1" = 20 FT.



FILL REQUIREMENTS

Depth of Fill (Upslope) 19"-23"

Depth of Fill (Downslope) 36"-37"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation (at corners)

-27"

Top of Distribution Pipe or Proprietary Device

-38"

Bottom of Disposal Area

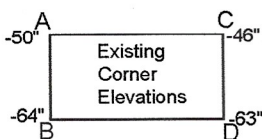
-49"

ELEVATION REFERENCE POINT

Location & Description: Pg 2

Reference Elevation: 0"

DISPOSAL AREA CROSS SECTION



Scale

Horizontal 1" = ft.

Vertical 1" = ft.

- Install all erosion control methods if needed before construction.
- All systems are located within owner/ applicants property as per the owner/owner representative.
- Septic tank to be 8' minimum from building and water tight. (one-piece tank recommended).
- Final grading to be completed so that surface and groundwater are diverted from the disposal field.
- Protect all piping and distribution box from frost.
- Well to be a minimum of 100' from septic system, 50' minimum from septic tank.
- Disposal field to be 20' min from foundation or frost wall, or 15' from slab.
- Septic Tank to have water tight access covers to grade. Pump tank to have water tight access covers to grade.
- THIS SYSTEM IS NOT DESIGNED FOR A VEHICULAR LOAD.
- THIS SYSTEM IS NOT DESIGNED FOR BACKWASH FROM A WATER SOFTNER.
- THIS SYSTEM IS NOT DESIGNED FOR USE WITH A GARBAGE DISPOSAL.

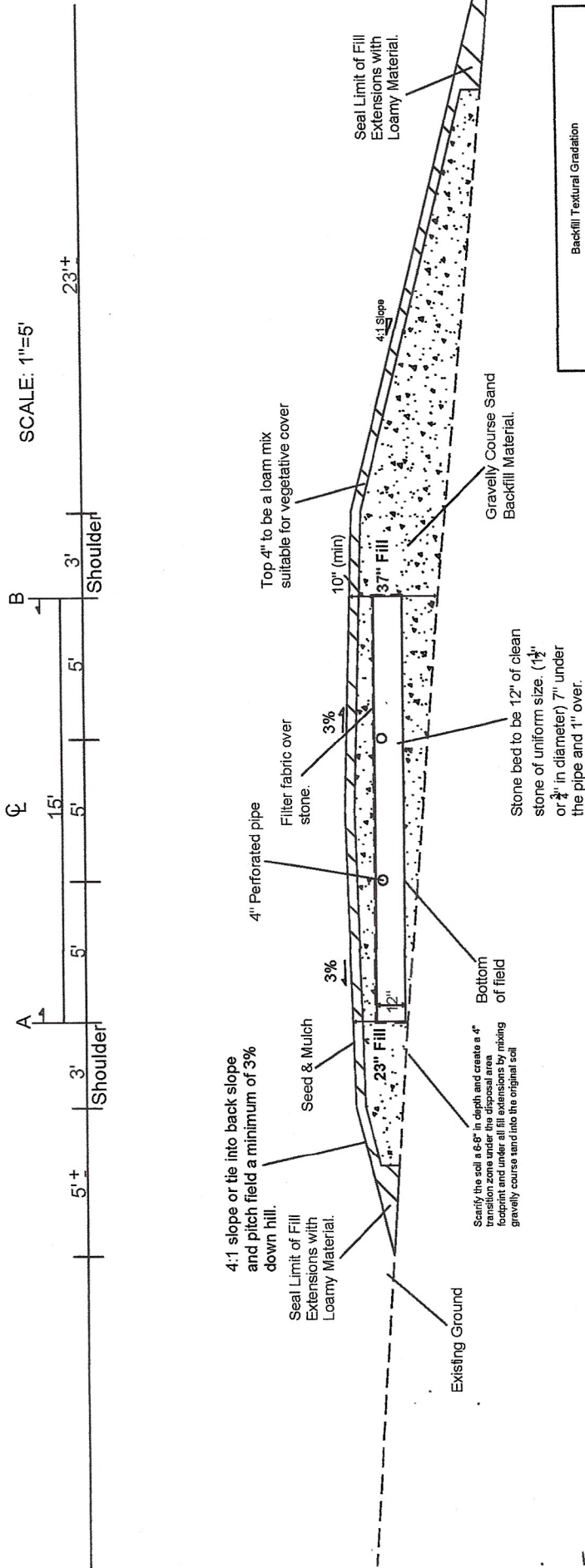
Ann Leighton
Site Evaluator Signature

00439

SE#

12/4/23

Date



Additional Notes:

1. Remove organic duff or turf layer as well as trees, stumps, and large rocks; scarify soil beneath bed fill and fill extensions before adding backfill.
2. Do not install if ground is wet or frozen.
3. All materials and installation shall be in accordance with the Maine Subsurface Wastewater Disposal Rules dated 09/23/2023 and the most current Eijen Design & Installation manual.
4. If more than 18" of cover is placed over bed, than system must be vented.
5. Fill extension length may vary do to irregularities on the ground.

Bearings	
ERP 1	ERP 2
A 352 N	7 N
B 339 N	356 N
C 289 W	314 NW
D 297 W	314 NW

Backfill Textural Gradation	
Sieve Size	Percent Passing by Weight
3 inches	100
#4	75-100
#10	50-100
#60	10-50
#100	2-20
#200	2-8
Clay Fraction	0-2

Nominal Stone Size		
Sieve Size	1 1/2 inches	3/4 inches
2 inches	100	100
1 1/2 inches	95-100	100
3/4 inches	0-40	90-100
1/2 inches	0-20	0-55
3/8 inches	0-8	0-25
#4	0-5	0-10
#200	0-2	0-2