An Office of the Department of Health and Human Services
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-2070
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 ***FALMOUTH***

Property Owner's Name: ***3 EASTERN AVENUE, LLC***

System's Location: ***3 EASTERN AVENUE***

Property Owner's Address: ***160 JOHNSON ROAD, FALMOUTH, ME*** Zip Code ***04105***

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**

1. ***PLEASE SEE ATTACHED***
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.

I, ***JAMES LOGAN***, 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.

James Logan — ***7/20/26***

SIGNATURE OF SITE EVALUATOR — DATE

PROPERTY OWNER

I, Jason Hight, 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.

Jason Hight — 7/20/26

☒ SIGNATURE OF OWNER
☐ AGENT FOR THE OWNER — DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all variance requests prior to rendering a decision.
I, _____, 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.

_____ _____
LPI Signature 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.
I, _____, 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

Address: ***3 EASTERN AVENUE LLC***

Property Owner's Name: ***3 EASTERN AVENUE,***

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
SOILS								
Soil Profile	Ground Water Table							inches
Soil Condition	Restrictive Layer							inches
from HHE-200	Bedrock							inches
Site Features vs. disposal system components of various sizes	**Disposal Fields (total design flow)**			**Septic Tanks and Holding Tanks (total design flow)**			**Disposal Fields**	**Septic Tanks**
	Less than 1000 gpd	**1000 to 1999 gpd**	**Over 2000 gpd**	**Less than 1000 gpd**	**1000 to 2000 gpd**	**Over 2000 gpd**	**To**	**To**
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft	300 ft	300 ft	150 ft	150 ft	150 ft		
Potable Supply Well	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	50 down to 25 ft [a]	100 down to 50 ft [a]	100 down to 50 ft		
Water supply line	10 ft	20 ft	25 ft	10 ft	10 ft	10 ft		
Water course, major [c]	100 down to 50 ft	200 down to 120 ft	300 down to 180 ft	100 down to 25 ft [a]	100 down to 50 ft	100 down to 50 ft	***75'***	
Water course, minor [c]	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft		
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft		
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A		
No full basement [e.g. slab, columns, posts]	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		
Full basement [below grade foundation, frost wall]	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft	***18'***	
Property lines	10 down to 5 ft [b]	18 down to 9 ft [b]	20 down to 10 ft [b]	10 down to 4 ft [b]	15 down to 7 ft [b]	20 down to 10 ft [b]		
Burial sites or graveyards boundaries, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft		
Stormwater infiltration systems	100 down to 60 feet	200 down to 120 feet	300 down to 180 feet	100 down to 50 feet	100 down to 50 feet	100 down to 50 feet		
Wetponds, retention ponds, and detention basins (excavated below grade); Soil filters underdrained swales, underdrained outlets, and similar structures	50 down to 25 feet [d]	100 down to 50 feet [d]	150 down to 75 feet [d]	50 down to 25 feet [d]	50 down to 25 feet [d]	50 down to 25 feet [d]		
Stormwater detention basins (basin bottom at, or above, predevelopment grade)	25 down to 12 feet	50 down to 25 feet [d]	75 down to 35 feet [d]	25 down to 12 feet	25 down to 12 feet	25 down to 12 feet		
OTHER								

1. ****DISPOSAL FIELD IS NO CLOSER TO STREAM THAN ONE IT REPLACES***
2. _____

Notes:

[a] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the LPI's presence and shown to be watertight pursuant to water tightness standards found in Section 6(H)(8) or of monolithic construction.

[b] Additional setbacks may be needed to prevent fill material extensions from encroaching onto abutting property.

[c] All ground disturbance or clearing of woody vegetation necessary for the installation of a subsurface wastewater disposal system that occurs within 100 feet of the normal high water mark of a major or minor water body/course must comply with these Rules pertaining to work adjacent to or within wetlands and water bodies (for more details, see Section 12).

[d] The reduced setback distance may be further reduced down to 12 feet if the stormwater structure has an impervious liner and the fill extensions do not encroach onto the stormwater structure.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
(207) 287-5672 Fax: (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	FALMOUTH
Street or Road	3 EASTERN AVENUE
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI) ☐Owner ☐Applicant
3 EASTERN AVENUE, LLC

Mailing Address of Owner/Applicant	106 JOHNSON ROAD FALMOUTH, ME 04105
Daytime Tel. #	

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: LPI APPROVAL REQUIRED <<

Town/City ____ Permit # ____
Date Permit Issued ___/___/___ Fee: $____ Double Fee Charged
Local Plumbing Inspector Signature LPI # ____
☐ Owner ☐ Town ☐ State

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 # R-06 Lot # 29-E

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: UNKNOWN
Year installed: UNKNOWN
☐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
0.54+/- ☐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

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 TANKS
☐1. Concrete
☐a. Regular
☐b. Low Profile
☐2. Plastic
☐3. Other: ____
CAPACITY: 1000 GAL.
W/ RISERS & COVERS TO GRADE

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: ____
SIZE: 1728 ☐sq. ft. ☐ln. ft.
36 ELJEN GSF UNITS

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
REQUIRED

DESIGN FLOW
360 gallons per day
BASED ON:
☐1. Table 4A (dwelling unit(s))
☐2. Table 4C(other facilities)
SHOW CALCULATIONS for other facilites
-SINGLE FAMILY DWELLING-
EXISTING 3-BEDROOM EXPANDED TO 4-BEDROOMS @ 90 GPD EACH
☐3. Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
12 / C
at Observation Hole # TP 1
Depth 40 "
of Most Limiting Soil Factor

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

EFFLUENT/EJECTOR PUMP
☐1. Not Required
☐2. May Be Required
☐3. Required
SEE NOTE PAGE 3
Specify only for engineered systems:
DOSE: ____ gallons

LATITUDE AND LONGITUDE
at center of disposal area
Lat. 43 d 45 m 16 s
Lon. 70 d 17 m 55 s
if g.p.s, state margin of error: ____

SITE EVALUATOR STATEMENT

I certify that on 7/17/26 (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).

James Logan
Site Evaluator Signature

237
SE #

7/20/26
Date

JAMES LOGAN
Site Evaluator Name Printed

207-693-8799
Telephone Number

longviewpartners213@gmail.com
E-mail Address

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

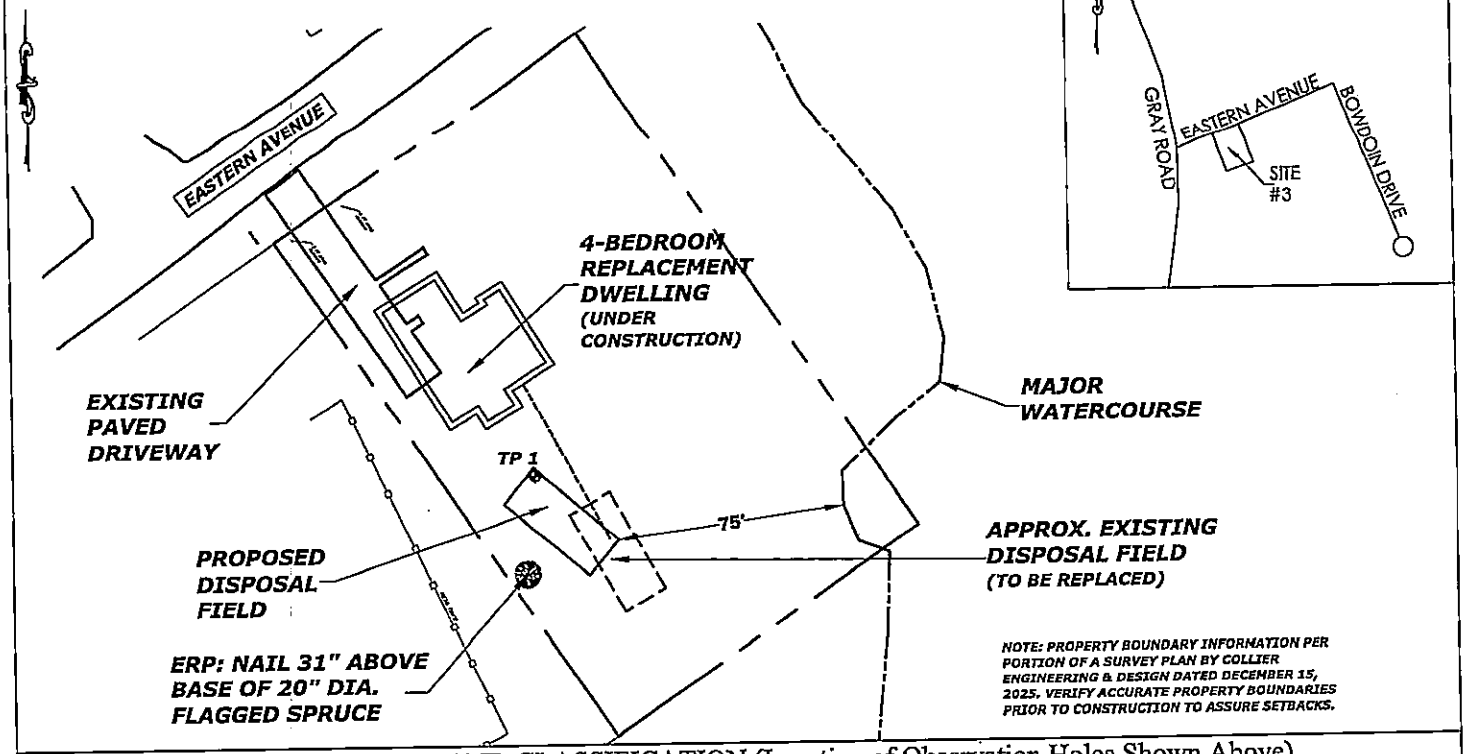
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
FALMOUTH	**3 EASTERN AVENUE**	**3 EASTERN AVENUE, LLC**

SITE PLAN

Scale 1" = 60 ft. or as shown



SITE LOCATION PLAN
(map from Maine Atlas recommended)

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

Observation Hole **TP 1** ■ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	SANDY LOAM (FILL)	FRIABLE	DARK BROWN	
10–20	EXISTING DISPOSAL FIELD	EXISTING DISPOSAL FIELD	EXISTING DISPOSAL FIELD	
20–30	STONY FINE SANDY LOAM	FRIABLE	DARK BROWN / DARK YELLOWISH BROWN	
30–40	LOAMY FINE SAND & SILT	SOMEWHAT FIRM	LIGHT OLIVE BROWN	FEW FAINT
40–50		FIRM	OLIVE GRAY	COMMON DISTINCT

Soil Classification	Slope	Limiting Factor	
12 C (Profile / Condition)	6-7 %	40 "	[X] Ground Water [X] Restrictive Layer [ ] Bedrock [ ] Pit Depth

FILL OVER 8 C

Observation Hole _____ ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–50				

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

James Logan
Site Evaluator Signature

237
SE #

7/20/26
Date

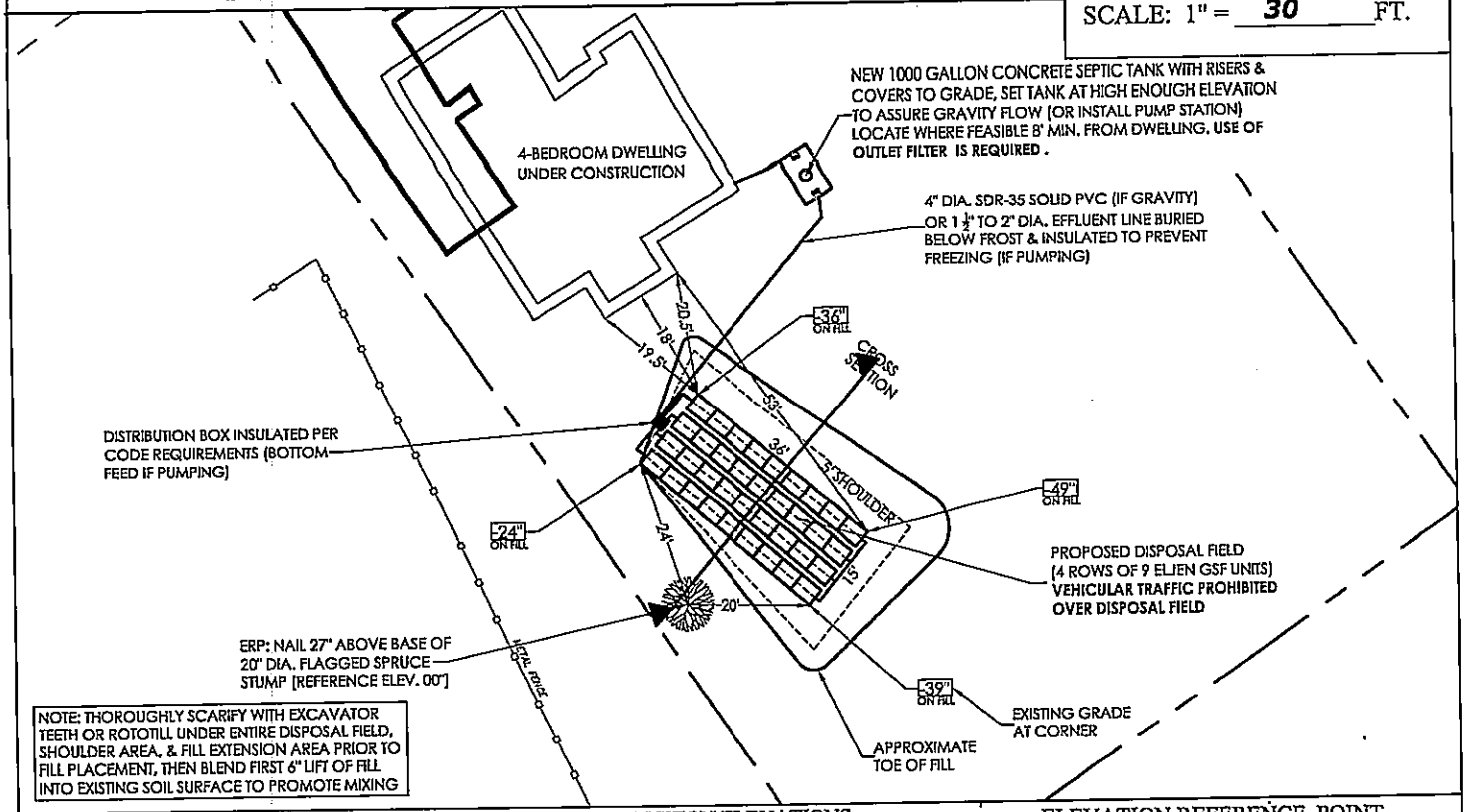
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
FALMOUTH	**3 EASTERN AVENUE**	**3 EASTERN AVENUE, LLC**

SUBSURFACE WASTEWATER DISPOSAL PLAN

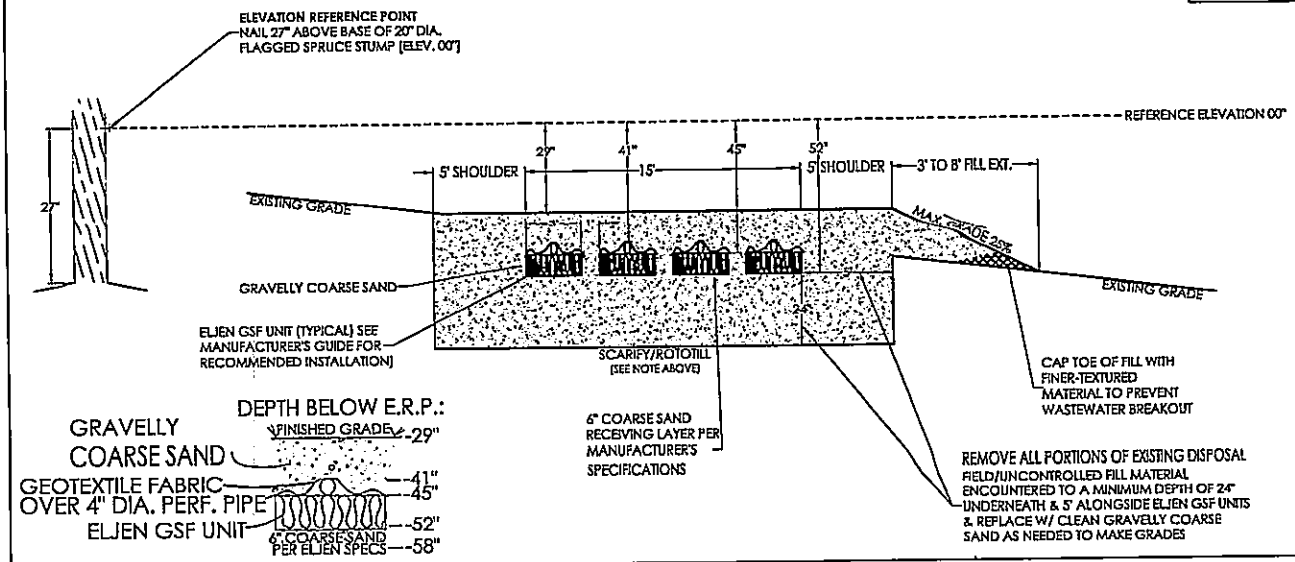
SCALE: 1" = 30 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	0"- 10"	Finished Grade Elevation	SEE	Location & Description: NAIL 27" ABOVE BASE OF 20" DIA. FLAGGED SPRUCE STUMP
Depth of Fill (Downslope)	7"- 20"	Top of Distribution Pipe or Proprietary Device	DETAIL	Reference Elevation: 00"
		Bottom of Disposal Area	BELOW	

DISPOSAL AREA CROSS SECTION

Scale
Horizontal 1" = 10 ft.
Vertical 1" = 5 ft.



James Logan	237	7/20/26
Site Evaluator Signature	SE #	Date

DISPOSAL SYSTEM INSTALLATION NOTES

1. The State of Maine *Subsurface Wastewater Disposal Rules (10-144 Chapter 241* the *Rules*) are incorporated by reference and made a part of this application. These shall be consulted by the owner/applicant, the system installer and/or building contractor for further construction details and material specifications. The system installer shall contact Longview Partners, LLC (207-693-8799) if there are any questions concerning materials, procedures or the design. The system installer and/or building contractor installing the system shall be solely responsible for compliance with the *Rules* and with all State and municipal laws and ordinances pertaining to the permitting, construction, and inspection of subsurface wastewater disposal systems.

2. This application is intended to represent facts pertinent to the *Rules* only. It shall be the responsibility of the owner/applicant, system installer and/or building contractor to determine compliance with and to obtain other permits under all applicable local, State and/or Federal laws and regulations before installing the system or considering the property on which the system is to be installed a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations, should wet areas exist. Prior to commencement of construction/installation, the Local Plumbing Inspector or Code Enforcement Officer shall inform the owner/applicant and Longview Partners, LLC or any local ordinances which are more restrictive than the *Rules* in order that the design may be amended. All designs are subject to review by local, State and/or Federal authorities. Longview Partners, LLC's liability shall be limited to revisions required by regulatory agencies and based on laws or regulations in effect at the time of preparation of this application.

3. All information shown on this application relating to property lines, well locations, subsurface structures, and underground facilities (such as utility lines, drains, septic systems, water lines, etc.) are based upon information provided by the owner/applicant and has been relied upon by Longview Partners, LLC in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information. Well locations on abutting properties not readily visible above-grade (such as well points) should be confirmed by the owner/applicant prior to system installation to assure minimum setbacks.

4. Installation of a garbage (grinder) disposal is **not recommended**. If one is installed, an additional 1,000 gallon septic tank shall be connected in series to the proposed septic tank or a septic tank outlet filter shall be installed in the tank outlet. Risers and covers should be installed over the septic tank cleanout and outlet per the *Rules* for easy maintenance of the filter.

5. The septic tank should be pumped within 2 years of installation and subsequently as recommended by the pump service. **In no event should the septic tank be pumped less often than every 3 years.** The system use shall avoid introducing kitchen grease or fats into the system. Chemicals such as septic tank cleaners and/or chlorine (such as from water treatment units) and controlled or hazardous substances shall not be disposed of in this system. Additives such as yeast or enzymes are discouraged, since they have not been proven to extend system life or performance.

6. All septic tanks, pump stations and additional treatment tanks shall be installed to prevent ground water and surface water infiltration. Risers and covers should be properly installed to provide access while preventing surface water intrusion within 6" of a finished ground surface. Vehicular traffic over disposal system is prohibited unless specifically designed with H-20 rated components.

DISPOSAL SYSTEM INSTALLATION NOTES

7. The daily wastewater flow, number of bedrooms, or use of structure shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed.

8. The general minimum setbacks between a well (public or private) and septic system serving a single family residence are 100-300 feet, unless the local municipality has a more stringent requirement or a liner seal is installed in the well. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.

9. When a gravity flow is anticipated, **before construction/installation begins,** the system installer or building contractor shall review the elevation of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum pipe pitch requirements.

10. When an effluent pump is required, pump stations should be sized per manufacturer's specifications to meet lift requirements and friction/head loss. Provisions shall be made to make certain that surface and ground water does not enter the septic tank or pump station, by sealing/grouting all seams and connections, and by placement of a riser and cover at or above grade. An alarm device warning of a pump failure shall be installed. Bottom-feed distribution box is specified to prevent freezing. Insulate distribution boxes per the *Rules*.

11. On all systems, remove the vegetation, organic duff and roots, and old fill material from under the disposal area and any fill extension. Additional fill beyond indicated on the plan may be necessary to replace organic matter and/or stumps. On sites where the proposed disposal area is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling or scarifying with teeth of backhoe to a depth of at least 8 inches over the entire disposal field and fill extension are to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper than 8 inches and compact before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage or different settling). Do not use wheeled equipment on the scarified soil are until after 12 inches of fill is in place. Keep equipment off of proprietary leaching devices. Divert surface water away from the disposal area by ditching or shallow landscape swales.

12. Unless noted otherwise, fill shall be gravelly coarse sand, which contains no more than 5% fines (silt and clay). Crushed stone shall be clean and free of any rock dust from the crushing process. Refer to the *Rules* for more specific information regarding fill and stone.

13. Seed all filled and disturbed surfaces with perennial grass seed, with 4 inches minimum soil or soil amendment mix suitable for growing, then mulch with hay or equivalent material to prevent erosion. Alternatively, bark or permanent landscape mulch may be used to cover the system. Woody trees or shrubs are not permitted on the disposal field or fill extensions.

14. If an advanced wastewater treatment unit is part of this design, the system shall be operated and maintained per manufacturer's specifications.

15. Effluent (backwash) from water treatment units **SHALL NOT** be disposed of within this disposal system and **MUST** be redirected away from the disposal field