SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation: LAMOINE
Street or Road: NEEDLE EYE ROAD
Subdivision, Lot #:

OWNER/APPLICANT INFORMATION

Name (last, first, MI): LEAVITT, BRANDON ■ Owner ☐ Applicant
Mailing Address of ■ Owner ☐ Applicant: 178 JORDAN RIVER ROAD, TRENTON, ME. 04605
Daytime Tel. #: (207) 479-8855

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: 7-25-18

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City: Lamoine Permit #: 1910
Date Permit Issued: 7/31/18 Fee $: 265 Double Fee Charged ( )
Rebecca Albright L.P.I. #: 394
Local Plumbing Inspector Signature
Fee: $ 265 state min. fee $ _____ Locally adopted fee
Copy: ☐ 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 the application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map #: 4 Lot #: 45

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with 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 <25%
☐ b. Major Expansion ≥ 25%
☐ 4. Experimental System
☐ 5. Seasonal Conversion

SIZE OF PROPERTY
7± ☐ sq. ft. ■ acres

SHORELAND ZONING
☐ Yes ■ No

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 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

DISPOSAL SYSTEM COMPONENT(S)
■ 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

TYPE OF WATER SUPPLY
■ Proposed ☐ Existing
■ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
■ 1. Concrete
■ a. Regular
☐ b. Low Profile
☐ c. with lift station
☐ 2. Plastic
☐ 3. Other: _____
CAPACITY 1000 gallons

SOIL DATA & DESIGN CLASS
PROFILE CONDITION: 8 / D
at Observation Hole # 1
Depth 9 "
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD TYPE & SIZE
☐ 1. Stone Bed ☐ 2. Stone Trench
■ 3. Proprietary Device 16 SLOF FEED CONCRETE CHAMBERS
☐ a. Cluster Array ■ c. Linear
■ b. Regular load ☐ d. H-20 load
☐ 4. Other: _____
SIZE 1232 ■ 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
☐ 1. Not Required
■ 2. May be Required, LIKELY
☐ 3. Required
Specify only for engineered systems
DOSE: _____ gallons

DESIGN FLOW
270 gallons per day
BASED ON
■ 1. Table 4A (dwelling unit(s)
☐ 2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilities

☐ 3. Section 4G (meter readings)
ATTACH WATER METER DATA

LATTITUDE AND LONGITUDE
at center of disposal area
Lat. 44° d 28' m 17.6" s N
Lon. 68° d 17' m 38.6" s W
If g.p.s., state margin of error 30 ft

SITE EVALUATOR STATEMENT

I certify that on 6-22-18 (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 — SE# 319 — Date 7-14-18
WILLIAM A. LaBELLE, JR. — Site Evaluator Name Printed
(207) 537-5900 — Telephone Number
labelleseptic@rivah.net — E-mail Address

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

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Town, City, Plantation: LAMOINE

Street, Road, Subdivision: NEEDLE EYE ROAD

Owner or Applicant Name: BRANDON ROAD

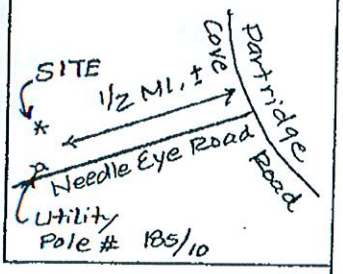
SITE PLAN

Scale 1" = 50 Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN

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



SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ■ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
STONY SILT LOAM TO SILT	FRIABLE	DARK YELLOWISH BROWN (10YR 3/4)	N.E.
	COMPACTED	LIGHT OLIVE BROWN (2.5Y 5/3)	COMMON DISTINCT TO MANY PROMINENT

DEPTH BELOW MINERAL SOIL SURFACE (inches): 10, 20, 30, 40, 50

Soil Profile	Classification Condition	Slope	Limiting Factor Depth	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
8	D	3%	9"	

Observation Hole #2 ■ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
STONY SANDY LOAM TO SILT	FRIABLE	DARK YELLOWISH BROWN (10YR 3/4)	N.E.
	COMPACTED	BROWN (10YR 4/3)	COMMON DISTINCT TO MANY PROMINENT

DEPTH BELOW MINERAL SOIL SURFACE (inches): 10, 20, 30, 40, 50

Soil Profile	Classification Condition	Slope	Limiting Factor Depth	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
8	D	3%	11"	

Site Evaluator's Signature

319
S. E. #

7-18-14
Date

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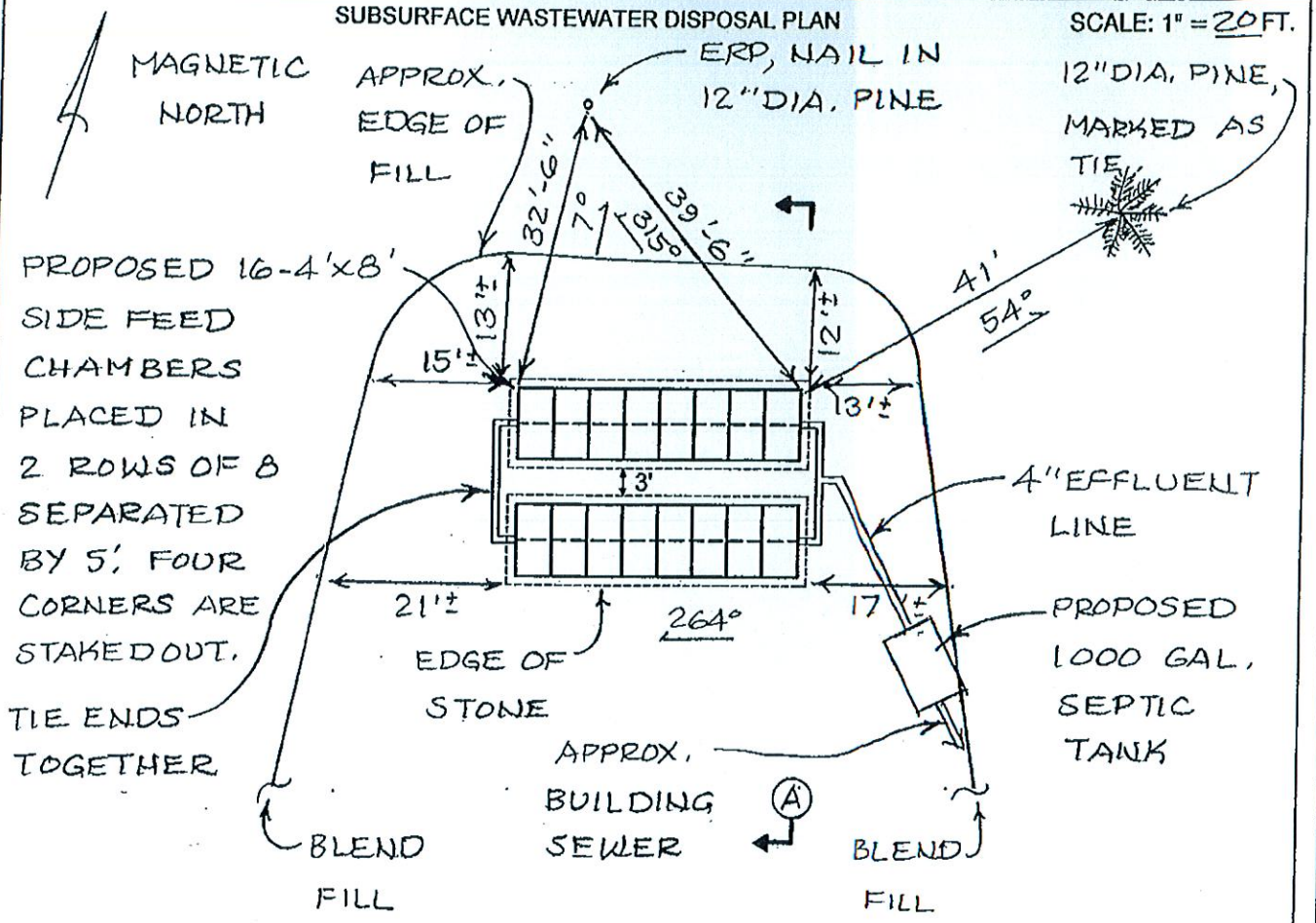
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
LAMOINE	NEEDLE EYE ROAD	BRANDON LEAVITT

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



NOTE: SEE ALL NOTES PAGE 2A AND CROSS SECTION.

FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope) 44"½"-50½"	Finished Grade Elevation	MIN. -39"		Location & Description NAIL 62" ABOVE GROUND IN 12" DIA. PINE,
Depth of Backfill (Downslope) 30"-35"	Top of Distribution Pipe or Proprietary Device	-47"	N/A	
Depths @ cross-section shown below or on X-sec. detail.	Bottom of Disposal Field	-60"		Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

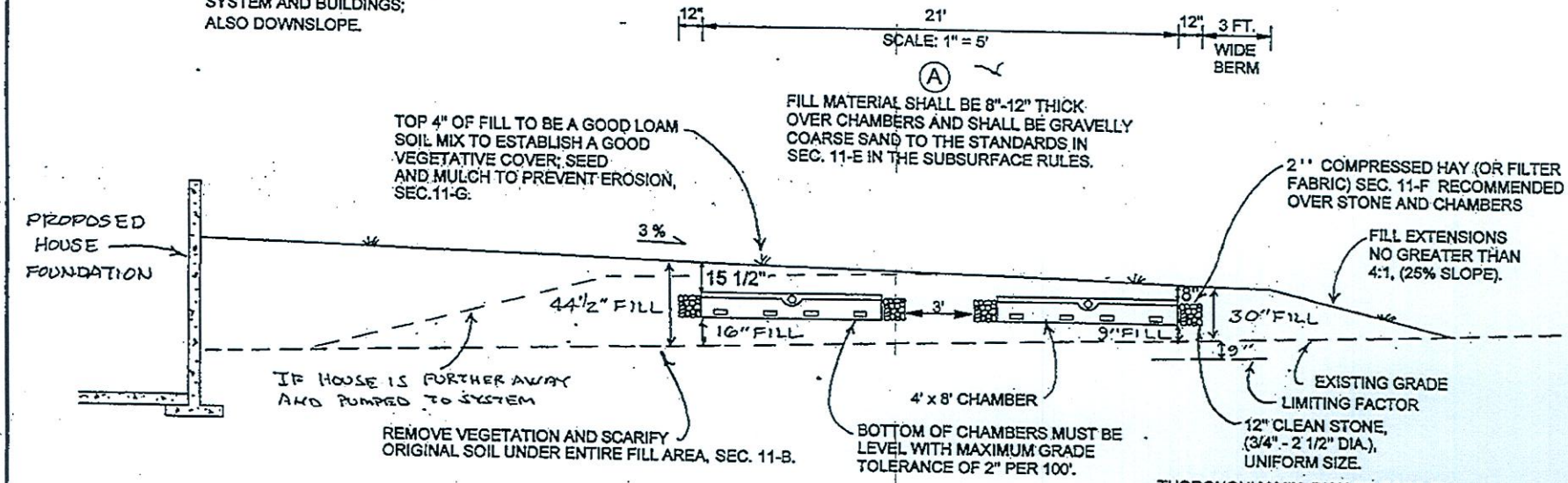
1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

Site Evaluator's Signature	S.E. #	Date
	319	7-14-18

2 ROWS OF 8 SIDE FEED CHAMBERS

DISPOSAL AREA CROSS SECTION

NOTE:
GRADE UPSLOPE TO DIVERT SURFACE WATER AWAY FROM SYSTEM AND BUILDINGS; ALSO DOWNSLOPE.



ELEVATIONS:

ELEV. REF. PT. (ERP):	0"	
FINISHED GRADE:		-39" MIN.
TOP OF CHAMBERS:		-47"
BOTTOM OF CHAMBERS:		-60"

NOTE:
POOR, SHALLOW CLAY SOILS EXIST. DO NOT OVER SCARIFY SITE. GENTLY REMOVE, ONLY, THE STUMPS AND ORGANIC LAYER; LEAVING AS MUCH ORIGINAL SOIL, AS ABSOLUTELY POSSIBLE.

NOTE:
SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

OWNER: BRANDON LEAVITT
LOCATION: LAMOINE

W. C. LaBelle, Jr. — WILLIAM A. LaBELLE, JR.

319 — S.E.#

7-14-18 — DATE

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