LEGAL INVITATION TO BID

The City of Caribou is receiving bids from contractors to furnish materials and install one septic system in the City of Caribou. A portion of the work will be funded by the DEP Small Community Grant Program, and the work will be subject to special requirements of the DEP. Bid Documents may be obtained at the Caribou Municipal Building from 8:00 am to 4:30 pm Monday to Friday. Information is also available online at: www.cariboumaine.org/rfps/. A pre-bid meeting to inspect the site will be conducted on Thursday September 11, 2025, at 3:00 pm. This system will need to be installed as soon as possible, and prior to the onset of winter conditions. Bidders must have a minimum of 3 years' experience in septic system installation and provide 5 references related to septic system installations. (Or pre-qualify at the City of Caribou prior to bidding). Qualified Disadvantaged Business Enterprises are encouraged to bid. Sealed bids marked "City of Caribou Septic System Bid" must be received at the municipal building by 1:00 pm, Monday September 15, 2025, at which time they will be opened. The City of Caribou reserves the right to accept or reject any or all bids. For more information, please call 123-4567. For more information, please contact: Penny Thompson, Caribou City Manager at 25 High Street Caribou Maine 04736 or by email to pthompson@cariboumaine.org.

September 3, 10, 2025

Caribou Parcel Map

7/8/2025, 12:18:25 PM

CaribouParcels

1:2,257

0 0.01 0.03 0.05 mi

0 0.02 0.04 0.08 km

Maxar, Microsoft, Esri, HERE, Garmin, iPC

Caribou Tax Assessor's Office

Caribou Tax Assessor's Office

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	Caribou
Street or Road	49 Noyes Road
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Morrell,, James — ■ Owner ☐ Applicant

Mailing Address of Owner/Applicant	49 Noyes Road Caribou, ME 04769
Daytime Tel. #	207-227-5380

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 _____ L.P.I. # _____

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 # _____ Lot # _____

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: Metal Tank+ outlet
  - Year installed: pre-1974
- ☐ 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

2.5 +/- ☐ SQ. FT. ■ ACRES

SHORELAND ZONING

■ Yes ☐ No

DISPOSAL SYSTEM TO SERVE

- ■ 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

TYPE OF WATER SUPPLY

(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
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY: 1000 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: _____

SIZE: 500 ■ 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

180 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

6 / B

at Observation Hole # TP-1

Depth 48 "

of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

- ■ 1. Medium---2.6 sq. ft. / gpd
- ☐ 2. Medium---Large 3.3 sq. f.t / gpd
- ☐ 3. Large---4.1 sq. ft. / gpd
- ☐ 4. Extra Large---5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

- ■ Not Required
- ☐ May Be Required
- ☐ Required

(Pending internal plumbing and tank elevation)

Specify only for engineered systems:

DOSE: _____ gallons

LATITUDE AND LONGITUDE

at center of disposal area

Lat. 48 d 53 m 1.72 s

Lon. -67 d 56 m 51.9 s

if g.p.s, state margin of error: 30' +/-

SITE EVALUATOR STATEMENT

I certify that on 8/22/25 (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).

Sarah Ashley — Site Evaluator Signature

#408 — SE #

8/25/25 — Date

Sarah Ashley — Site Evaluator Name Printed

207-231-4349 — Telephone Number

sarah@sashengineering.com — E-mail Address

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

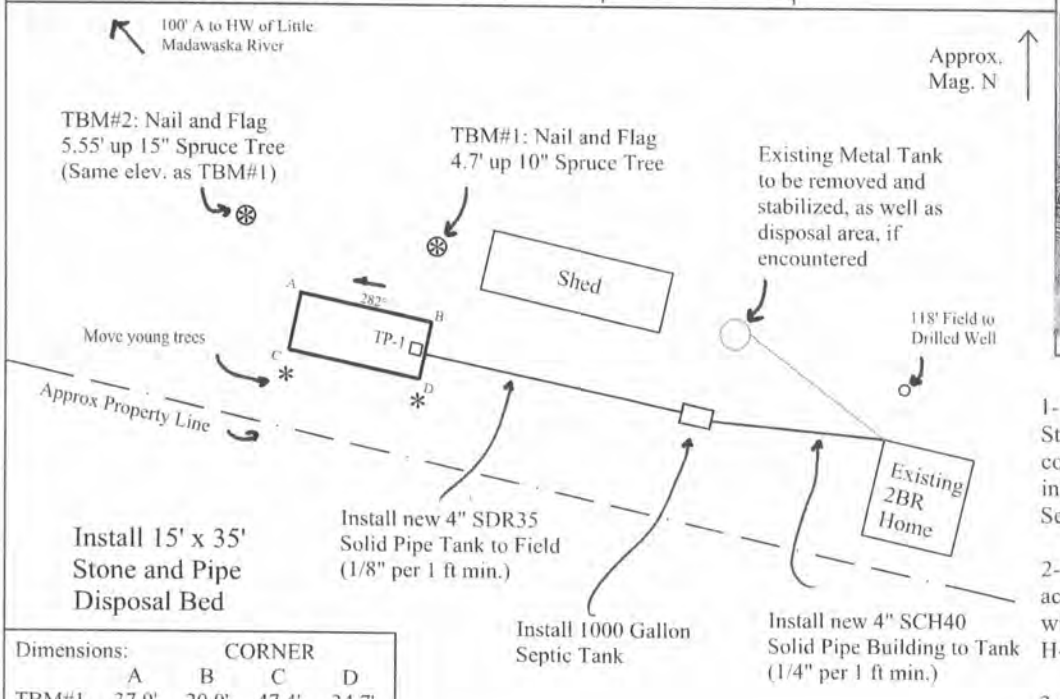
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

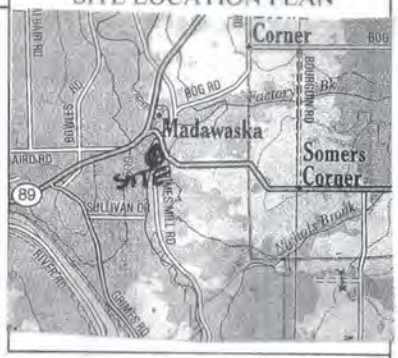
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Caribou	49 Noyes Road	James Morrell

SITE PLAN

Scale 1" = 50 ft



SITE LOCATION PLAN



Dimensions:	CORNER			
	A	B	C	D
TBM#1	37.9'	20.0'	47.4'	34.7'
TBM#2	25.0'	56.0'	36.8'	62.2'

Notes:

1- System to be installed in accordance State Plumbing Code Chapter 241 and comply with attached Addendum which includes General Installation Notes and Septic System User Notes.

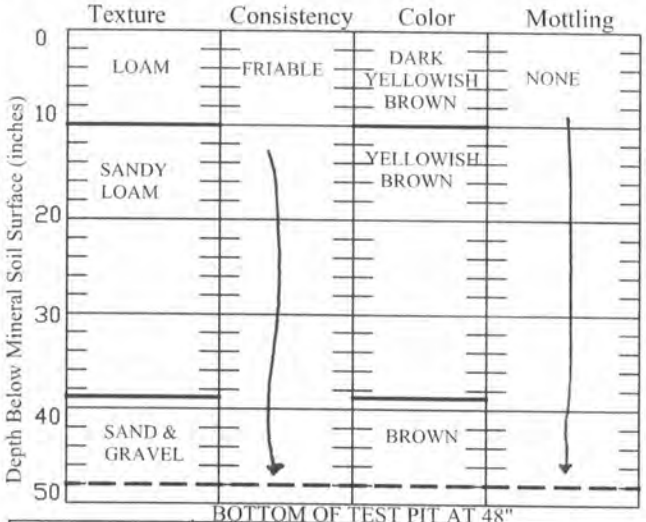
2- Septic Tank may be field located in accordance with required setbacks, it if will be in the traffic-way, it must meet H-20 specification.

3- Properly protect all pipes and Septic Tank from freezing or crushing.

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

Observation Hole TP-1 (elev. -45") ■ Test Pit ☐ Boring

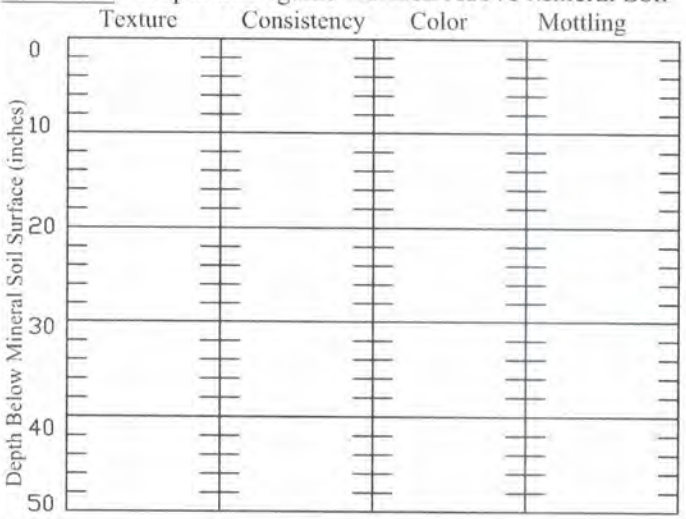
2 " Depth of Organic Horizon Above Mineral Soil



Soil Classification		Slope	Limiting Factor	
6	B	2-4 %	48 "	[ ] Ground Water
Profile	Condition			[ ] Restrictive Layer
				[ ] Bedrock
				■ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil



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

Sarah Ashley — Site Evaluator Signature

#408 — SE #

8/25/25 — Date

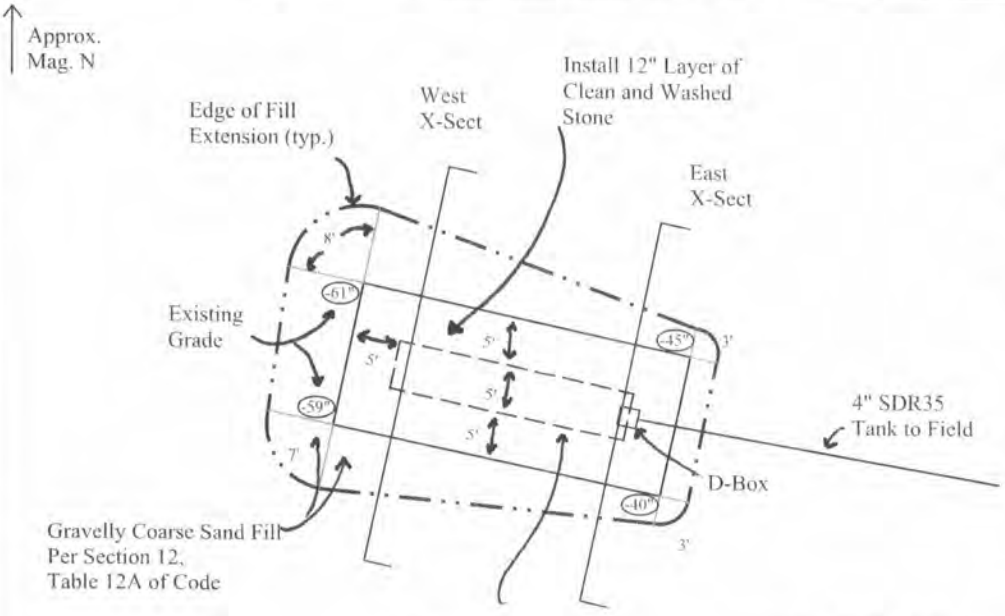
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Caribou	49 Noyes Road	James Morrell

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 ft



Notes:

1 - Scarify native soil surface under disposal field and fill extensions. Mix Gravelly Coarse Sand into upper 6" of native soil to create transitional layer.

2- Promote surface runoff away from Disposal Field, including diversion ditches, as needed. Lime, fertilize, seed and mulch all disturbed areas.

3- Protect all pipes and tank from freezing and crushing.

3- Distribution lines to be level.

4- No woody vegetation within 15 feet of the dispsosal field.

FILL REQUIREMENTS	W	E
Depth of Fill (Upslope)	14"	0"
Depth of Fill (Downslope)	16"	0"

CONSTRUCTION ELEVATIONS	
Finished Grade Elevation	-45"
Top of Distribution Pipe or Proprietary Device	-58"
Bottom of Disposal Area	-69"

ELEVATION REFERENCE POINT
Location & Description: TMB#1: Nail and Flag 56" up 10" Spruce Tree
Reference Elevation: 0"

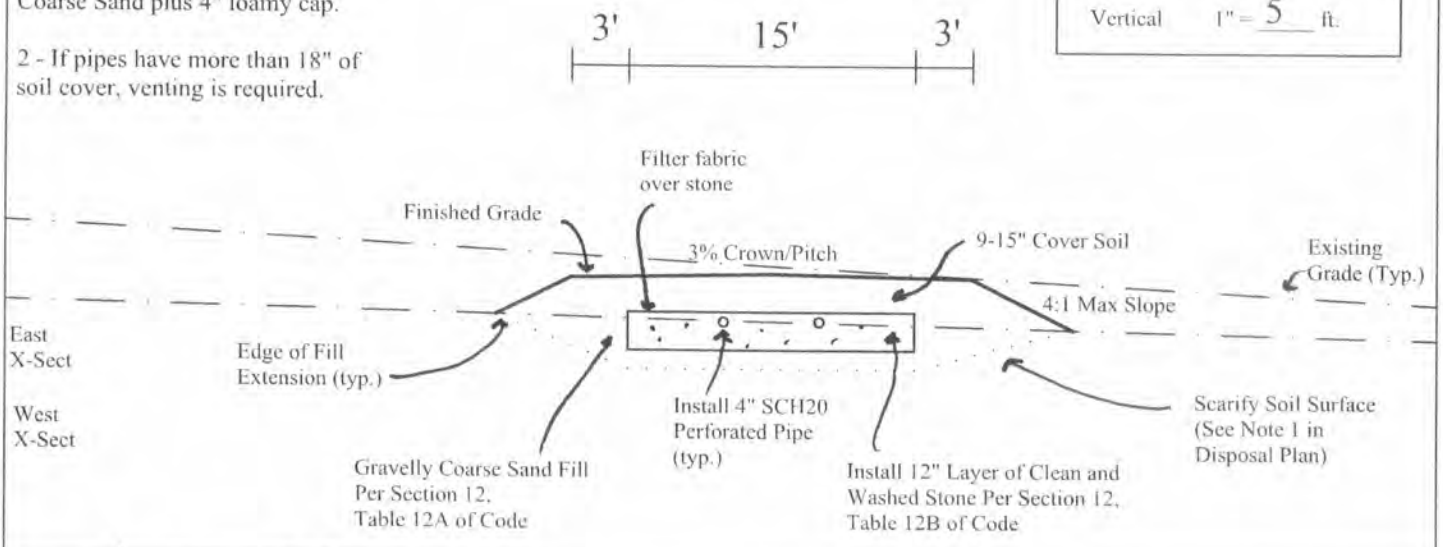
DISPOSAL AREA CROSS SECTION

Notes:

1 - Cover Soil includes 5-8" Gravelly Coarse Sand plus 4" loamy cap.

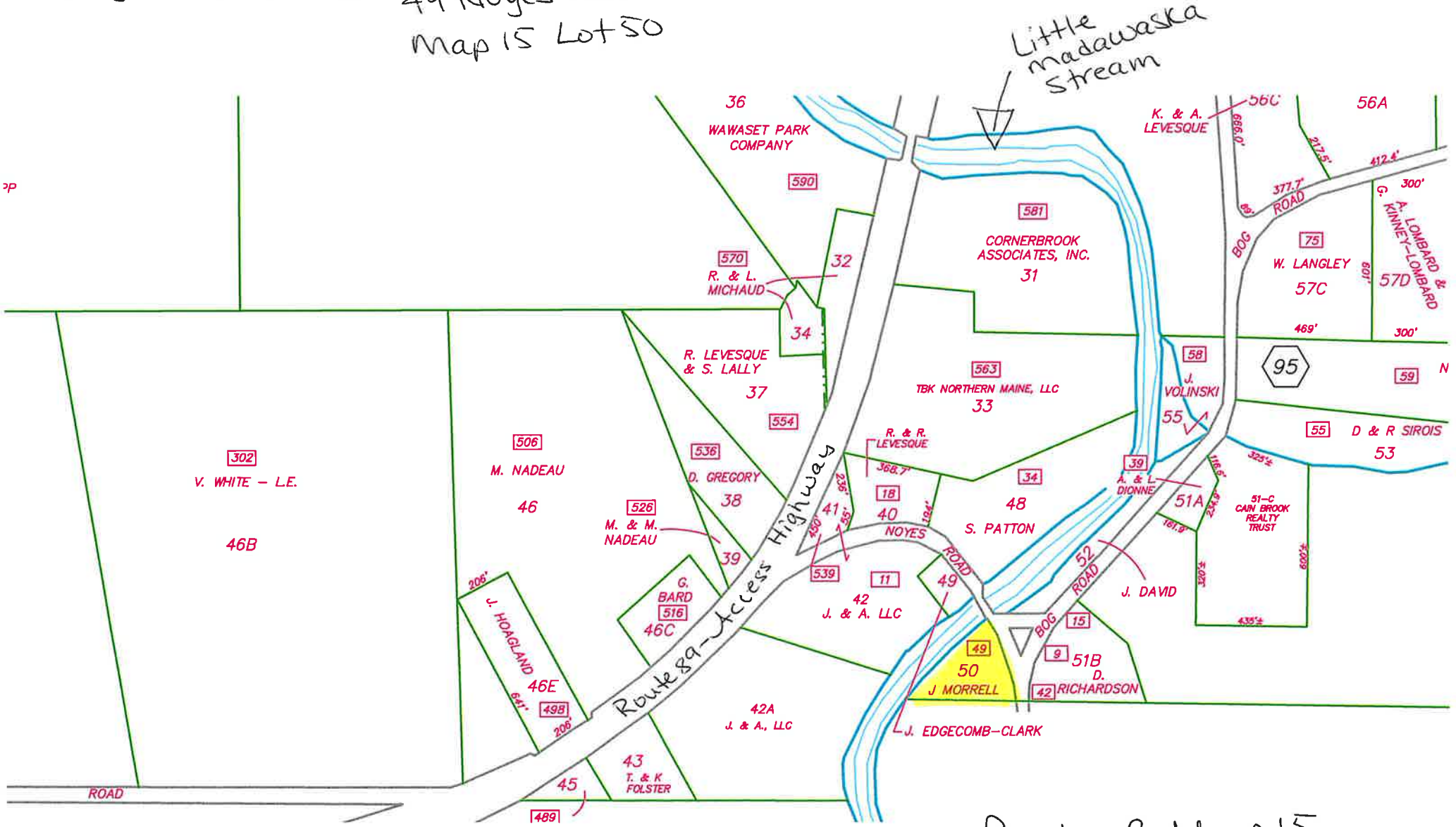
2 - If pipes have more than 18" of soil cover, venting is required.

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



Site Evaluator Signature	SE #	Date
Sarah Ashley	#408	8/25/25

Subject property: James L. Morrell
49 Noyes Road
Map 15 Lot 50



Part of Map 15
2022 Tax Maps

Photos

49 Noyes Road ~ Caribou