Randy Kelly Const.

# 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 | Lamoine |
| Street or Road | Lydia's Lane |
| Subdivision, Lot # | Lot # 23 Marlboro Woods |

## OWNER/APPLICANT INFORMATION

| | |
|---|---|
| Name (last, first, MI) | Sanborn Reggie ■ Owner ☐ Applicant |
| Mailing Address of Owner/Applicant | 132 Lydia's Lane<br>Lamoine, Me. 04605 |
| 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 Lamoine Permit # 1940

Date Permit Issued ___/___/___ Fee: $ 215 Double Fee Charged [ ]

Local Plumbing Inspector Signature Rebecca [illegible] L.P.I. # 394

☐ 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 # 5 Lot # 14-A-83

**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
4 1 ☐ SQ. FT. ■ ACRES

### 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

### SHORELAND ZONING
☐ Yes ■ No

### 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 TANK
- ■ 1. Concrete
  - ■ a. Regular OR
  - ■ 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: 900 ■ 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 # 1

Depth 24"

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

Specify only for engineered systems:

DOSE: _____ gallons

### LATITUDE AND LONGITUDE
at center of disposal area

Lat. 44 d 28 m 59.8 s

Lon. 068 d 13 m 09.5 s

if g.p.s, state margin of error: ± 30'

NAD 27

## SITE EVALUATOR STATEMENT

I certify that on 7-25-18 (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).

Robert G Vile jr — Site Evaluator Signature

204 — SE #

7-26-18 — Date

Robert G. Vile jr. — Site Evaluator Name Printed

234-2451 — Telephone Number

robertvilesoilconsultant@gmail.com — E-mail Address

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

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Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

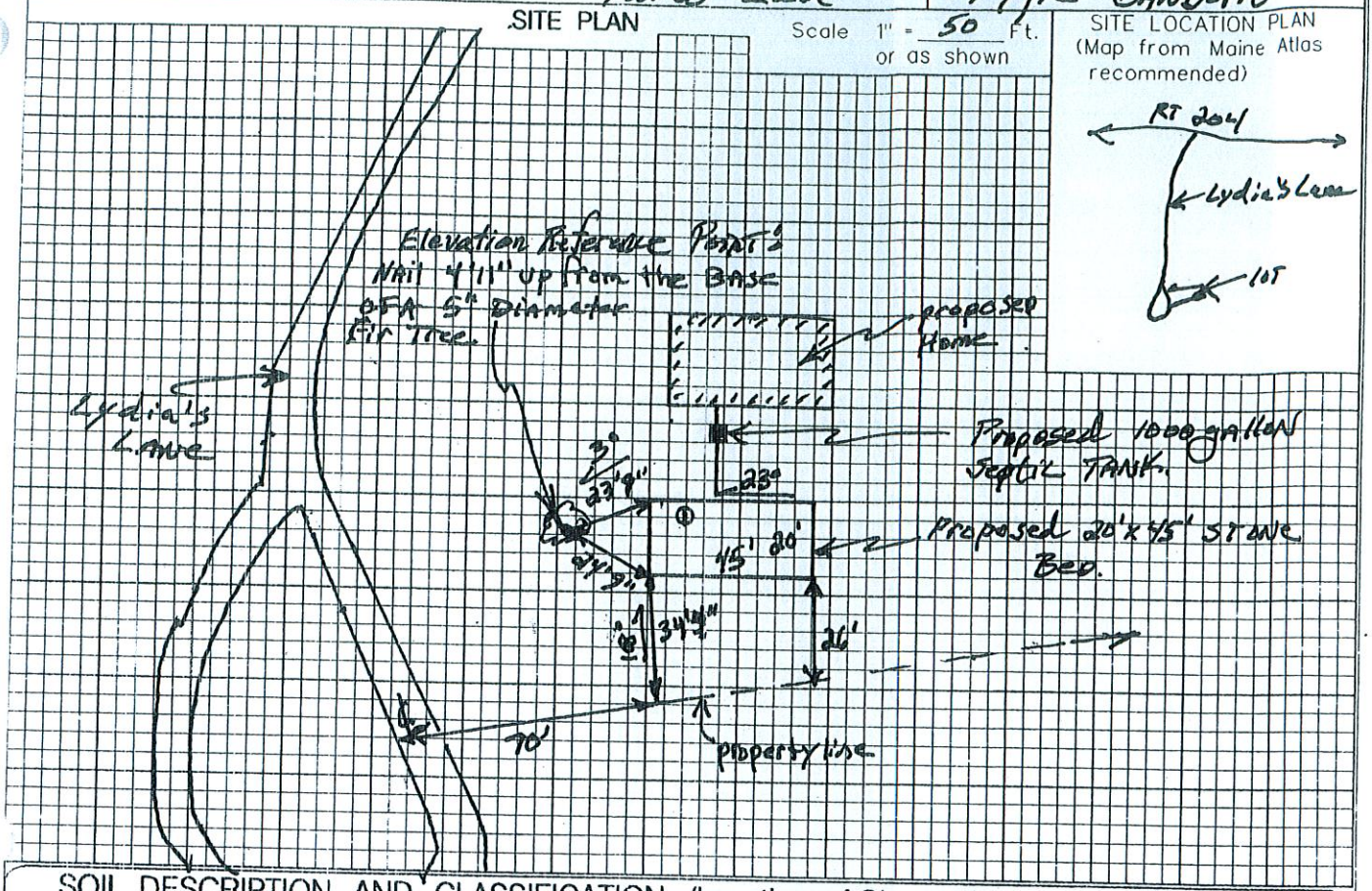
Town, City, Plantation: Lamoine

Street, Road Subdivision: Lydias Lane

Owner's Name: Reggie Sanborn

## SITE PLAN

Scale 1" = 50 Ft. or as shown




## SITE LOCATION PLAN

(Map from Maine Atlas recommended)




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

Observation Hole #1 ☒ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–10 | gravelly sandy loam | Friable | Grey / Strong Brown | None |
| 10–20 | | | Yellowish Brown | |
| 20–30 | | | Light Olive Brown | Common Distinct |
| 30–40 | | Firm | | |
| 40–50 | | | | |

| Soil Classification | Slope | Limiting Factor | |
|---|---|---|---|
| Profile: 3 Condition: C | 7 % | 24" | ☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth |

Observation Hole ____ ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–50 | Note: Proposed well to be >100' from Disposal Bed and >50' from Septic TANK | | | |

**NOTE:**

**ALL PERMITS AND/OR NOTIFICATIONS REQUIRED PRIOR TO CONSTRUCTION ARE THE RESPONSIBILITY OF THE OWNER.**

| Soil Classification | Slope | Limiting Factor | |
|---|---|---|---|
| Profile: ____ Condition: ____ | ____ % | ____ " | ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth |

Robert G Wilej — Site Evaluator Signature

204 — SE #

7-26-18 — Date



HHE-200 Rev. 7/97

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Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

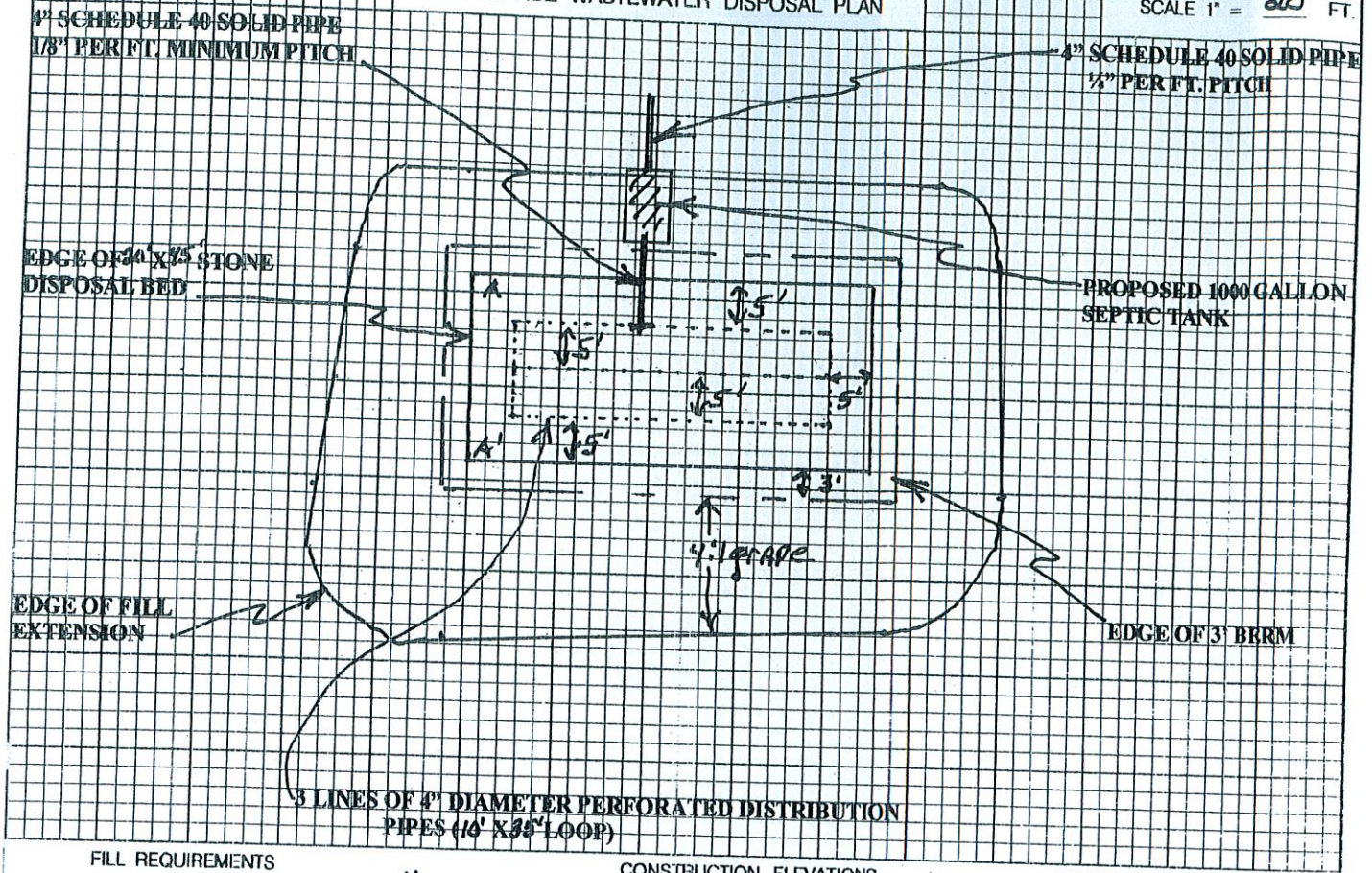
Town, City, Plantation: Lamoine

Street, Road, Subdivision: Lydia's Lane

Owner's Name: Reggie Sanborn

## SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.




| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT |
|---|---|---|---|---|
| Depth of Fill (Upslope) | 10" A | Finished Grade Elevation | -41" | Location & Description: Nail 4'11" up in 5" Fir Tree. |
| Depth of Fill (Downslope) | 22"-28" A' | Top of Distribution Pipe or Proprietary Device | -52" | |
| | | Bottom of Disposal Area | -63" | Reference Elevation = 0" |

## DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL: 1" =
HORIZONTAL: 1" =

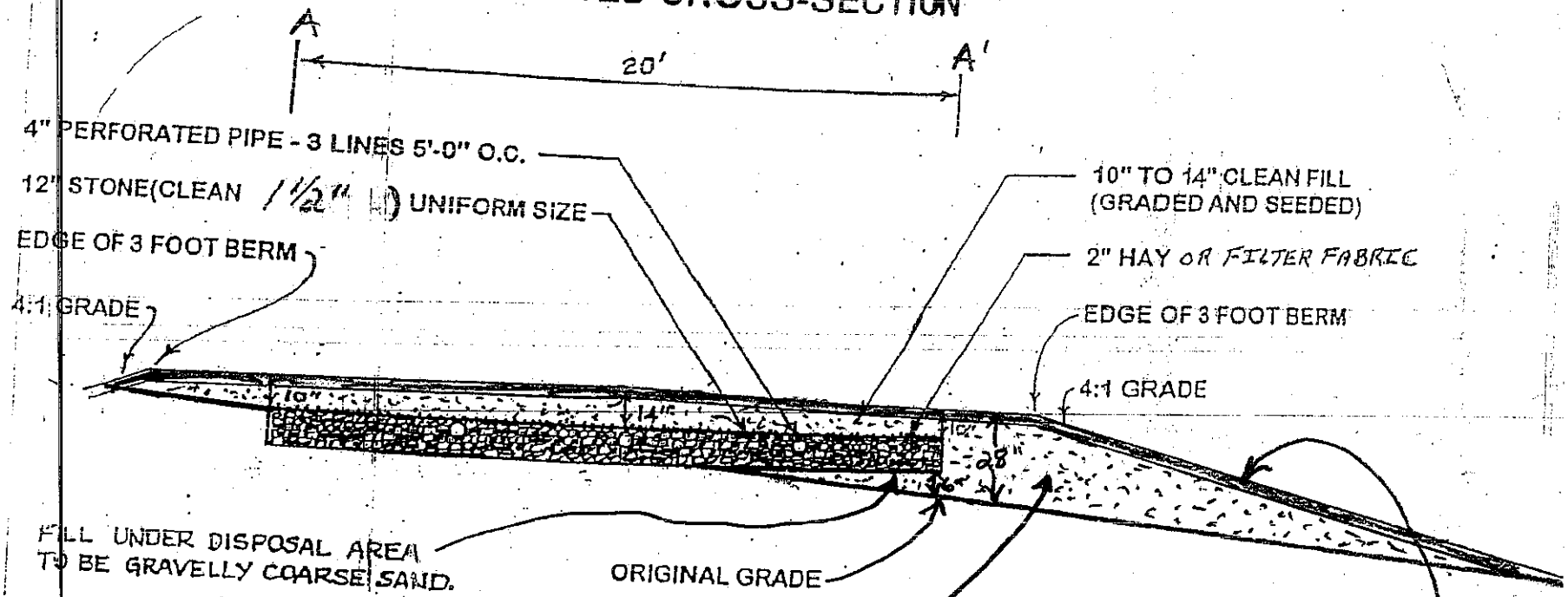
(SEE ATTACHED CROSS SECTION A-A')

Robert G Valej — Site Evaluator Signature

204 — SE #

7-26-18 — Date

# BED CROSS-SECTION




SCALE: 1" = 5'.

NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER DISPOSAL AREA AND FILL EXTENSION AREAS.
2. BOTTOM OF DISPOSAL AREA TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100".
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM DISPOSAL AREA.
4. ★ CREATE A TRANSITIONAL HORIZON BY MIXING TOP 4-6" OF ORIGINAL SOIL WITH FILL TO BE USED UNDER DISPOSAL AREA AND FILL EXTENSIONS.
5. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

OWNER: Reggie Sanborn
LOCATION: Lydia's Lane - Lamoine
DISPOSAL AREA DIMENSIONS: 20'x45'
DISPOSAL AREA ELEVATIONS:
ELEVATION REFERENCE POINT: 0"
TOP OF DISTRIBUTION LINE: -52"
BOTTOM OF STONE: -63"

SITE EVALUATOR:
ROBERT G. VILE JR. #204
Robert G. Vile Jr.

DATE: 7-26-18