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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation: Livermore
Street or Road: off Hinkley Road
Subdivision, Lot #: N/A

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Timberlake, Kenneth & Sonya (X Owner, Applicant)
Mailing Address of Owner/Applicant: ~~140 Fosterdale Hill Road~~ c/o 63 Keyth Street, Livermore, Me 04253
Daytime Tel. #: 779-6700

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.
X Ken Timberlake (Signature of Owner or Applicant) 12/15/2020 (Date)

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City _____ Permit # _____
Date Permit Issued ___/___/___ Fee: $_____ Double Fee Charged [ ]
_____ L.P.I. # _____
Local Plumbing Inspector Signature
Fee: $_____ 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 this application and the Maine Subsurface Wastewater Disposal Rules.

X Municipal Tax Map # R11 Lot # 004-A

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
X 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
X 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
X 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
3-4 ± X SQ. FT. X ACRES

DISPOSAL SYSTEM TO SERVE
X 1. Single Family Dwelling Unit, No. of Bedrooms: 2-3
2. Multiple Family Dwelling, No. of Units: ____
3. Other: _____ (specify)
Current Use: Seasonal Year Round X Undeveloped

TYPE OF WATER SUPPLY
X 1. Drilled Well proposed 2. Dug Well 3. Private
4. Public 5. Other

SHORELAND ZONING
Yes X No

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
X 1. Concrete
a. Regular a possibility
X b. Low Profile suspected
2. Plastic
3. Other:
CAPACITY 1,000 GAL.

DISPOSAL FIELD TYPE & SIZE
X 1. Stone Bed 2. Stone Trench
3. Proprietary Device
a. cluster array c. Linear
X b. regular load d. H-20 load
4. Other: 20' x 45'
SIZE: 900 X sq. ft. lin. ft.

GARBAGE DISPOSAL UNIT
X 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:
X 1. Table 4A (dwelling unit(s))
2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilites
Proposed New 2-3 Bedroom Single Family Dwelling
3. Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE 2 CONDITION A
at Observation Hole # 142
Depth 24-"27
of Most Limiting Soil Factor 24"

DISPOSAL FIELD SIZING
1. Medium---2.6 sq. ft. / gpd
X 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
X 1. Not Required
2. May Be Required
3. Required
Specify only for engineered systems
DOSE: _____ gallons

Note Because of bedrock the location of septic tank is unknown

LATITUDE AND LONGITUDE
at center of disposal area
Lat. 44 d 26 m 905 s
Lon. 070 d 12 m 617 s
if g.p.s, state margin of error: 30'

SITE EVALUATOR STATEMENT

I certify that on 12/3/20 (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).

Steve Hamilton — Site Evaluator Signature
173 — SE #
12/4/20 — Date
Steve Hamilton — Site Evaluator Name Printed
897-6962 — Telephone Number
N/A — E-mail Address

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

Initial KB Initial KDT

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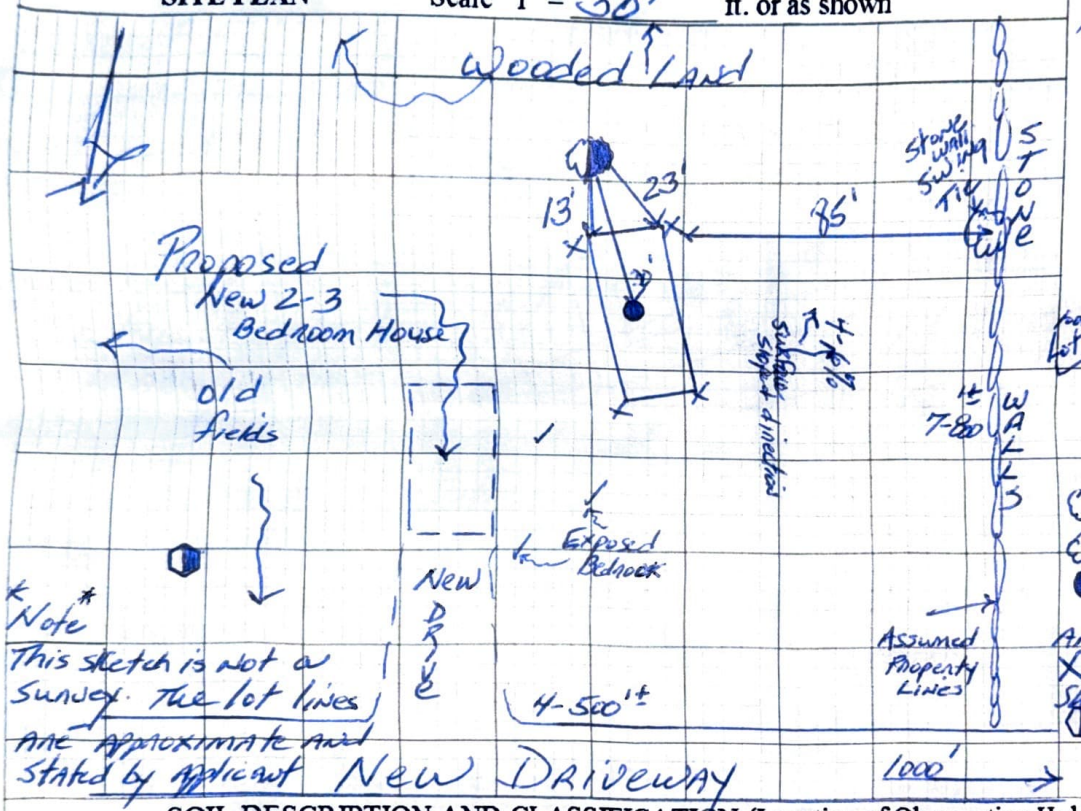
SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation: Livermore | Street, Road, Subdivision: off. Hinkley Road | Owner's Name: Sonny Timberlake

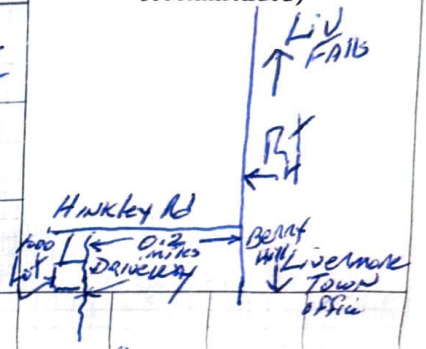
SITE PLAN

Scale 1" = 50' ft. or as shown



SITE LOCATION PLAN

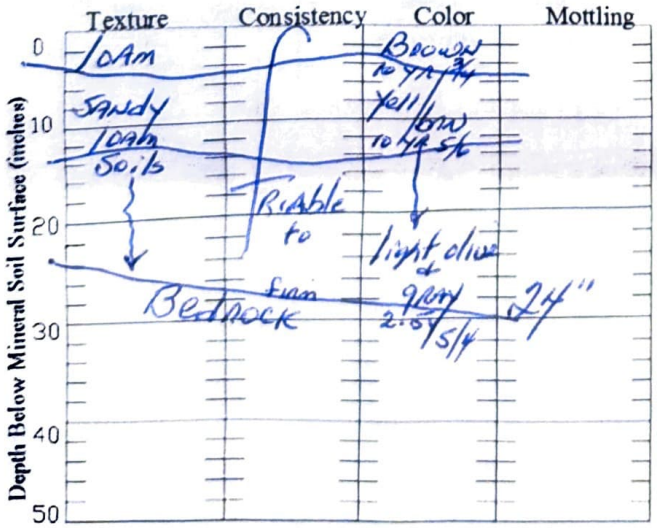
(map from Maine Atlas recommended)



"Legend"
- = Reference Elevation
- SW = Swing Point Tie Stone Wall
- = Soil Observation And Auger Borings
- X = Wire Flags Set to Show disposal area corners
- = Possible Well Location

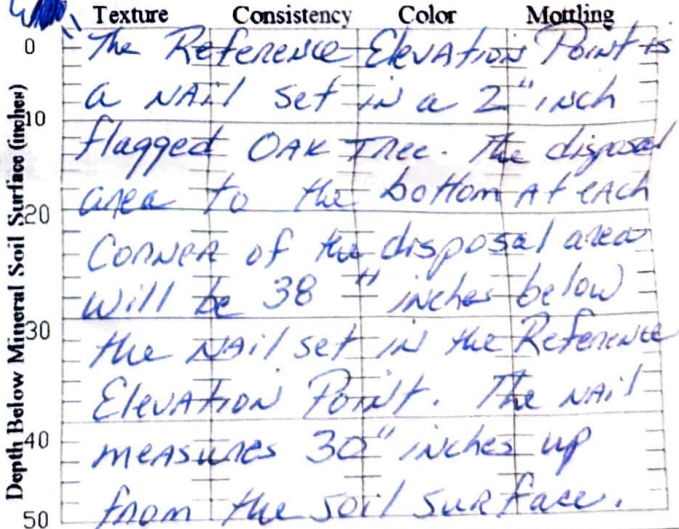
SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole #2 ☒ Test Pit ☒ Borings
0" Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
2 Profile / A Condition	4-6 %	24"	[ ] Ground Water [ ] Restrictive Layer [X] Bedrock [ ] Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring
_____ Depth of Organic Horizon Above Mineral Soil



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

Steve Hamilton — Site Evaluator Signature | 173 — SE # | 12/4/20 — Date

Initial FB | Initial KDT

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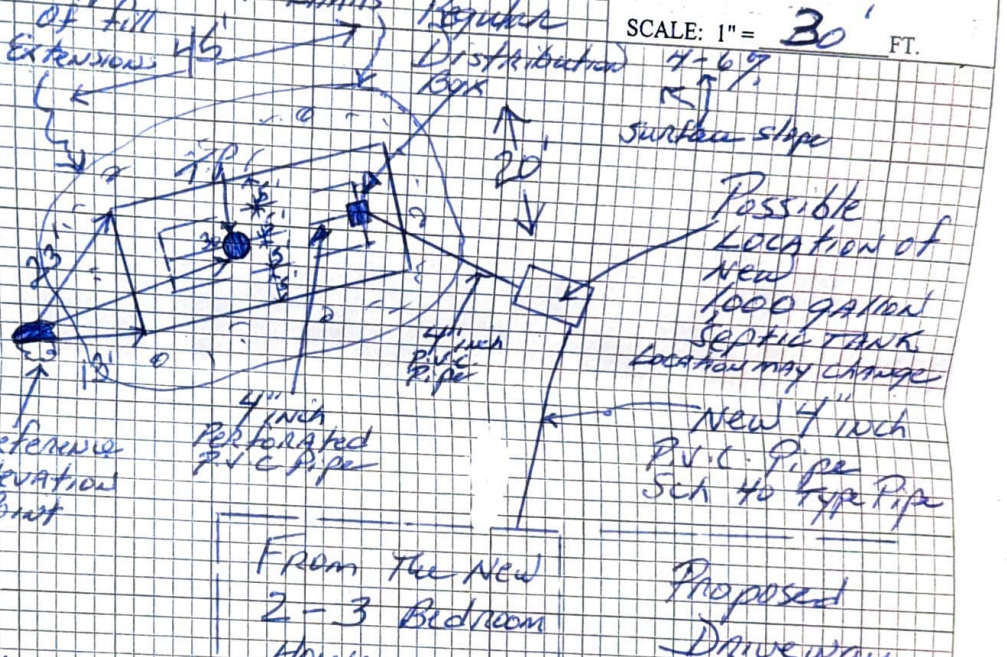
Town, City, Plantation: Livermore

Street, Road, Subdivision: off Hinkley Road

Owner's Name: Sonny Timberlake

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 30' FT.



"General Notes"

1. Disposal area shall be 100' from all wells and streams
2. Dig Safe may be needed to call
3. The type of septic tank and location of tank may change because of Bedrock
4. The septic tank will be 8' minimum from structures and is intended to be 20' from the house
5. Backfill means gravelly coarse sand fill

FILL REQUIREMENTS

Depth of Fill (Upslope): 22-24" ±

Depth of Fill (Downslope): 24-34" ±

CONSTRUCTION ELEVATIONS

Finished Grade Elevation: At each corner of bed 15"

Top of Distribution Pipe: At each corner 27"

Bottom of Disposal Area: At each corner of bed 38"

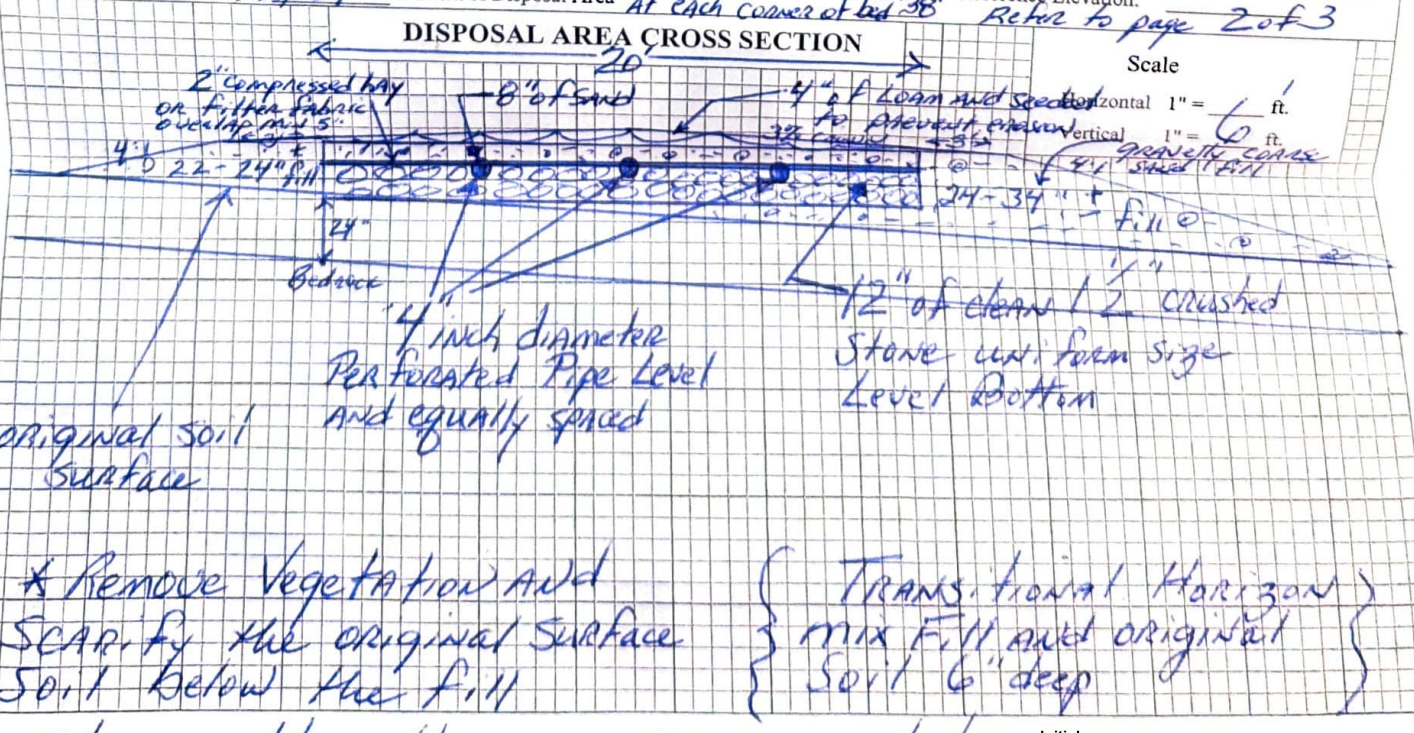
ELEVATION REFERENCE POINT

Location & Description: Nail set in a flagged 2" OAK tree. Please Refer to page 2 of 3

Reference Elevation:

DISPOSAL AREA CROSS SECTION

Scale: Horizontal 1" = 6 ft. Vertical 1" = 6 ft.



Steve Hamilton — 173 — 12/4/20

Site Evaluator Signature — SE # — Date

Initial: FB Initial: KDT