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	BOULDER COVE DRIVE LOT # 3
Subdivision, Lot #	BOULDER COVE SUBDIV.

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City LAMOINE Permit # 1631

Date Permit Issued 4/18/17 Fee: $ 250 Double Fee Charged [ ]

Local Plumbing Inspector Signature L.P.I. # 1040

OBP FEE $15.00

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 # 3 Lot # 12-3

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	BELCH, TONY ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	C/O PEBBLEBROOK CONSTRUCTION 7 CARLISLE ST. UNIT 8 ELLSWORTH, ME 04605
Daytime Tel. #	(207) 460-2215

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 4/18/17

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:
  - 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

1.43 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

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

TYPE OF WATER SUPPLY

PROPOSED

- ☒ 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: 200 ☒ 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 facilities
- ☐ 3. Section 4G (meter readings)
  - ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION: B,C

at Observation Hole # TP1

Depth 18"

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 (WITH PROPER SEPTIC TANK ELEV.)
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: ____ gallons

LATITUDE AND LONGITUDE

at center of disposal area

Lat. 44 d 23 m .31 N

Lon. 68 d 21 m .075 W

If g.p.s. state margin of error: 20'

SITE EVALUATOR STATEMENT

I certify that on 3/15/17 (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 # 213	Date 3/20/17 REVISED
Site Evaluator Name Printed: STEPHEN H. HOWELL	Telephone Number: (207) 825-4792	E-mail Address: 4/08/17

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

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

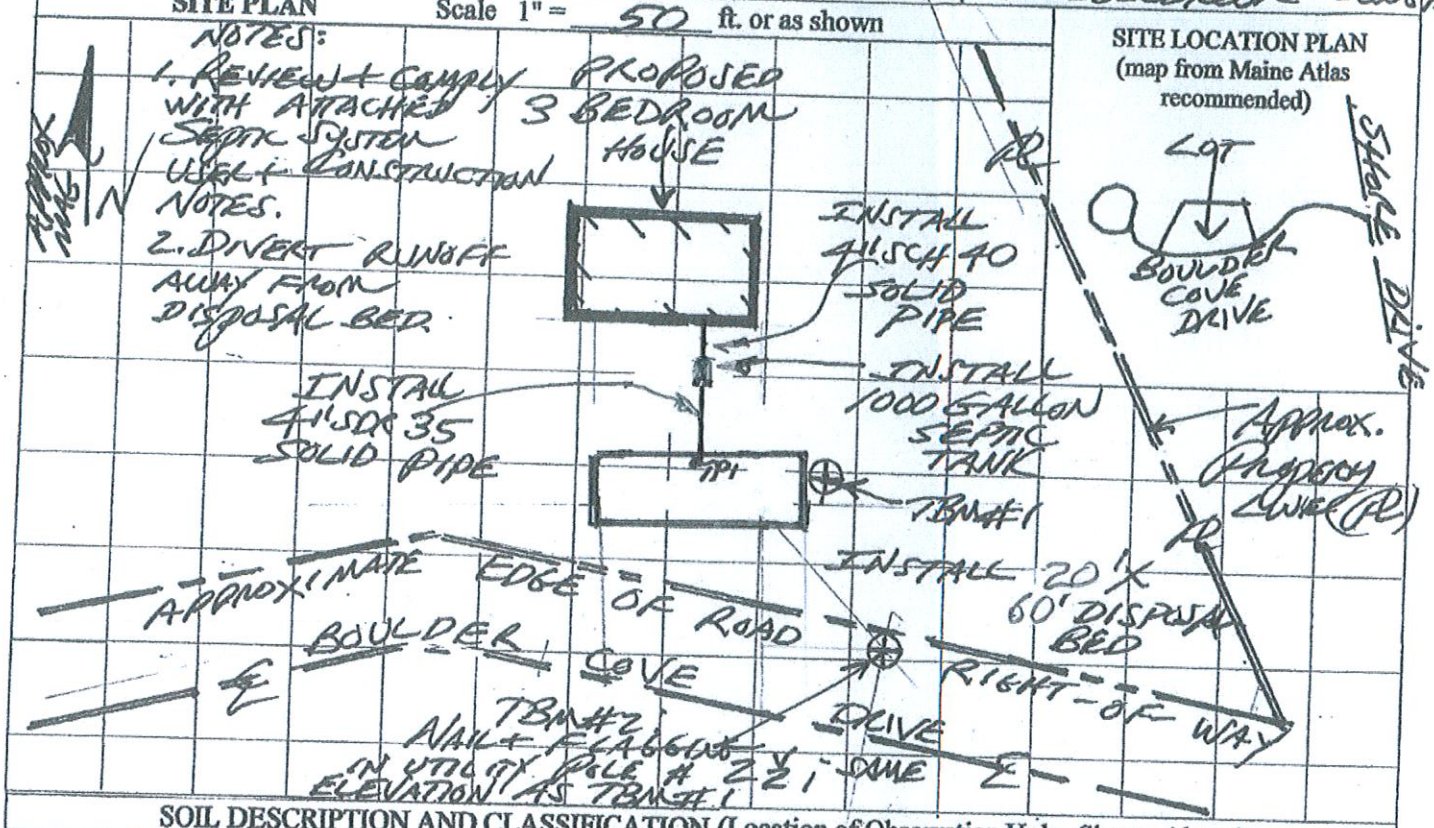
Town, City, Plantation: LAMOINE

Street, Road, Subdivision: LOT # 3, BOULDER COVE SUBDIV.

Owner's Name: PEBBLEBROOK CONST.

SITE PLAN

Scale 1" = 50 ft. or as shown



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

Observation Hole TP1 [X] Test Pit [ ] Boring

<1" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	VERY FINE SANDY LOAM	FRIABLE	BROWN; LIGHT YELLOWISH BROWN; LIGHT OLIVE BROWN	NONE
20–40	SILT LOAM TO SILTY CLAY LOAM	FIRM TO V. FIRM	OLIVE BROWN TO OLIVE	COMMON TO MANY DISTINCT

LIMIT OF OBSERVE 35"

Soil Classification	Slope	Limiting Factor	
Profile: 8 Condition: C	5-8 %	18"	[X] Ground Water [X] 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				

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

Site Evaluator Signature: _____ SE #: #213 Date: 3/20/17

Revised 4/08/17

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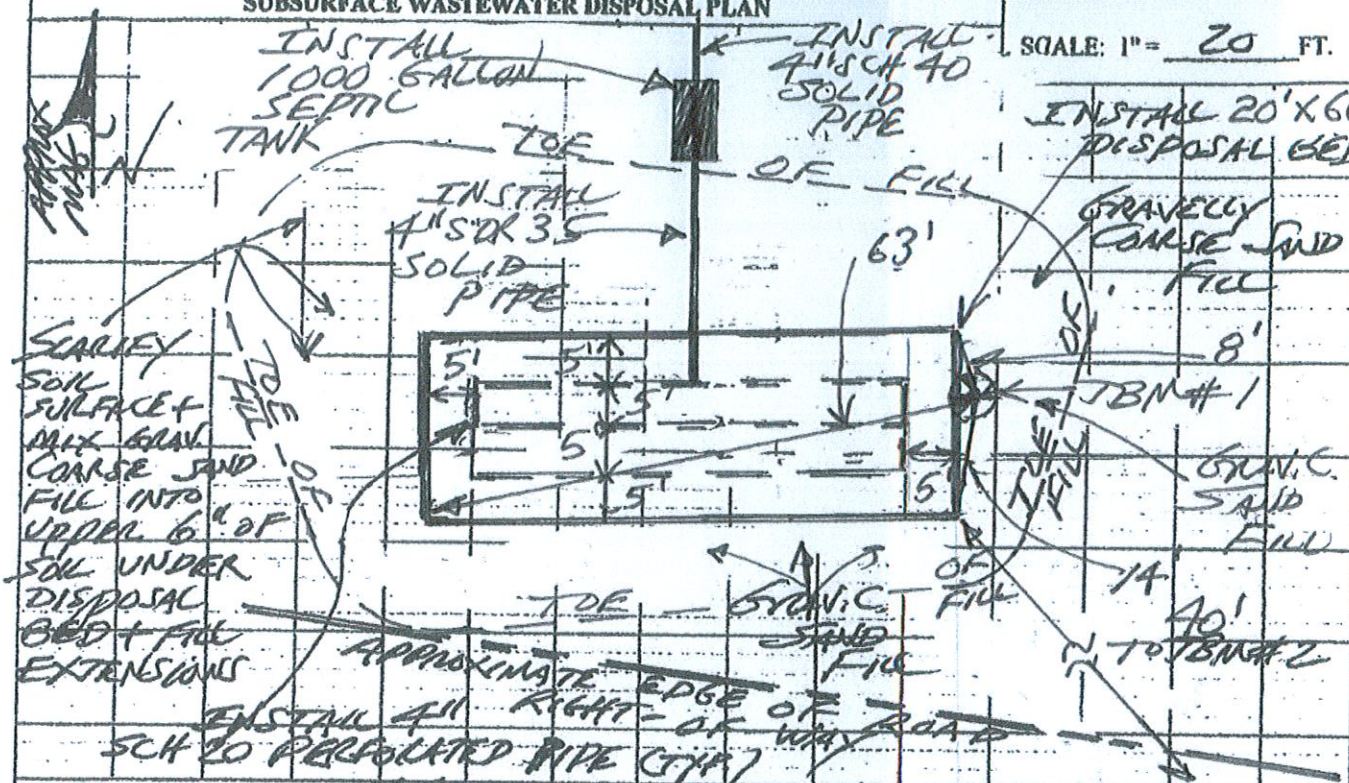
Owner's Name: PEBBLEBROOK CONST.

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



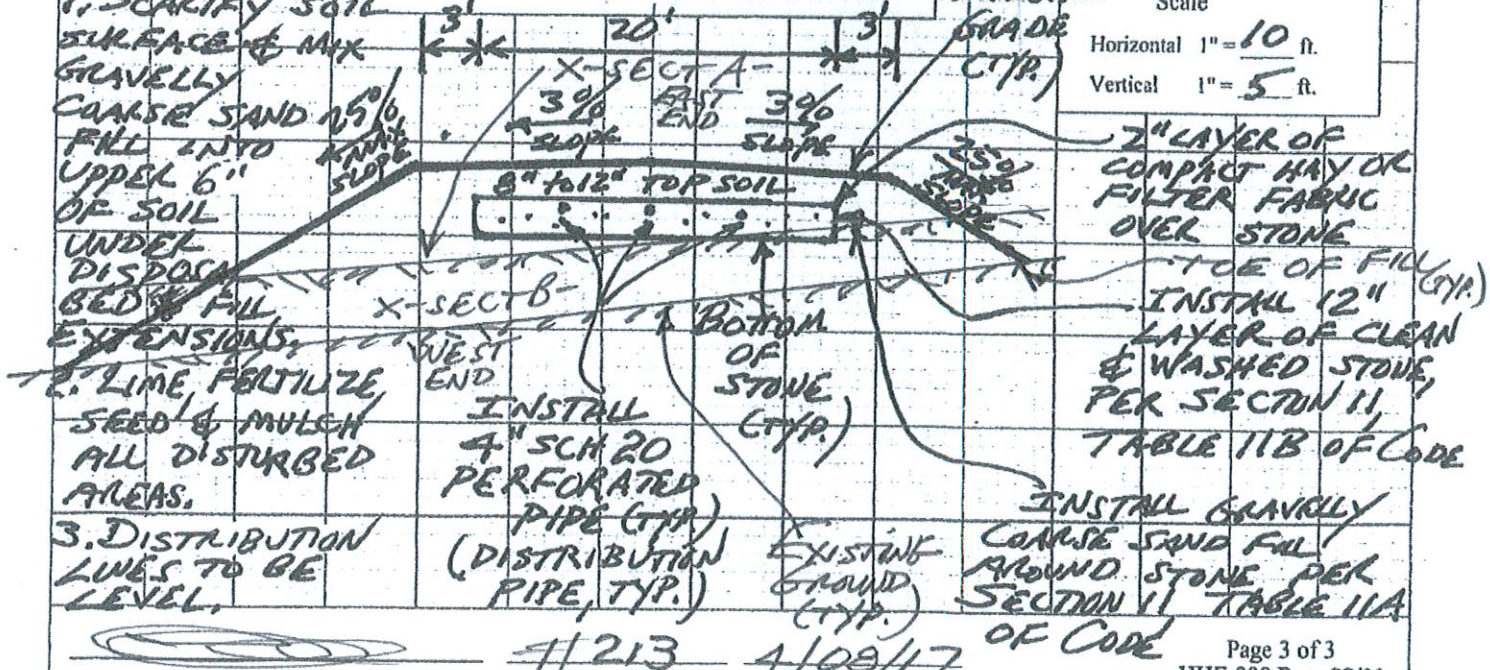
FILL REQUIREMENTS	X-SECT A	X-SECT B	CONSTRUCTION ELEVATIONS	
Depth of Fill (Upslope)	18"	37"	Finished Grade Elevation	-30"
			Top of Distribution Pipe or Proprietary Device	-43"
Depth of Fill (Downslope)	32"	54"	Bottom of Disposal Area	-54"

ELEVATION REFERENCE POINT (TBM #1)
Location & Description: NAIL + FLAGGING 58" UP A 1" DIAM. APPLE TREE
Reference Elevation: = 0"

NOTES:
1. SCARIFY SOIL SURFACE & MIX GRAVELLY COARSE SAND FILL INTO UPPER 6" OF SOIL UNDER DISPOSAL BED & FILL EXTENSIONS.
2. LIME, FERTILIZE, SEED & MULCH ALL DISTURBED AREAS.
3. DISTRIBUTION LINES TO BE LEVEL.

DISPOSAL AREA CROSS SECTION

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



Site Evaluator Signature | SE # 4/213 | Date 4/08/17