82 38-5

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION

City, Town, or Plantation	Falmouth
Street or Road	Stone Ridge Road
Subdivision, Lot #	Stone Ridge - Lot 17

CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW

FALMOUTH PERMIT # 5444 TOWN COPY

Date Permit Issued: 3/30/09 $ 150.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1074

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Estes, Nick ■ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 83 Rollings Hill Drive, Standish, ME 04084

Daytime Tel. #: 207-671-7405

Municipal Tax Map # R9 Lot # 12-17

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: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature 3/4/09 (1st) date approved 3/4/09 (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
☐ b. Major 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
☐ 3. Replacement System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector
☐ 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

1.23 ☐ SQ. FT. ■ ACRES

DISPOSAL SYSTEM TO SERVE

■ 1. Single Family Dwelling Unit, No. of Bedrooms: 4
☐ 2. Multiple Family Dwelling, No. of Units: _____
☐ 3. Other: _____ (specify)
Current Use ☐ Seasonal ☐ Year Round ■ Undeveloped

TYPE OF WATER SUPPLY

■ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other Existing - See Page 2

SHORELAND ZONING

☐ Yes ■ No

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: 1200 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

■ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes of Maybe, specify one below:
☐ a. multi-compartment tank
☐ b. ___ tanks in series
☐ c. increase in tank capacity
☐ d. Filter on Tank Outlet

DESIGN FLOW

364 gallons per day
BASED ON:
■ 1. Table 501.1 (dwelling unit(s))
☐ 2. Table 501.1 (other facilities)
SHOW CALCULATIONS
— for other facilities —
☐ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN
2 / AIII / 1
at Observation Hole # TP-1
Depth 24 "
of Most Limiting Soil Factor
Bedrock

DISPOSAL FIELD SIZING

☐ 1. Small—2.0 sq. ft. / gpd
☐ 2. Medium—2.6 sq. ft. / gpd
■ 3. Medium—Large 3.3 sq. f.t / gpd
☐ 4. Large—4.1 sq. ft. / gpd
☐ 5. 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. N43 d 45 m 23.36 s
Lon. W70 d 19 m 38.66 s
if g.p.s. state margin of error: 10'

SITE EVALUATOR STATEMENT

I certify that on Oct. 23, 2008 (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 _____ 387 SE # 10/24/08 Date

Stephen Marcotte — Site Evaluator Name Printed
797-2110 — Telephone Number
steve@sweetassociates.com — Email Address

Designed with SeptiCAD

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

HHE-200 Rev. 4/05

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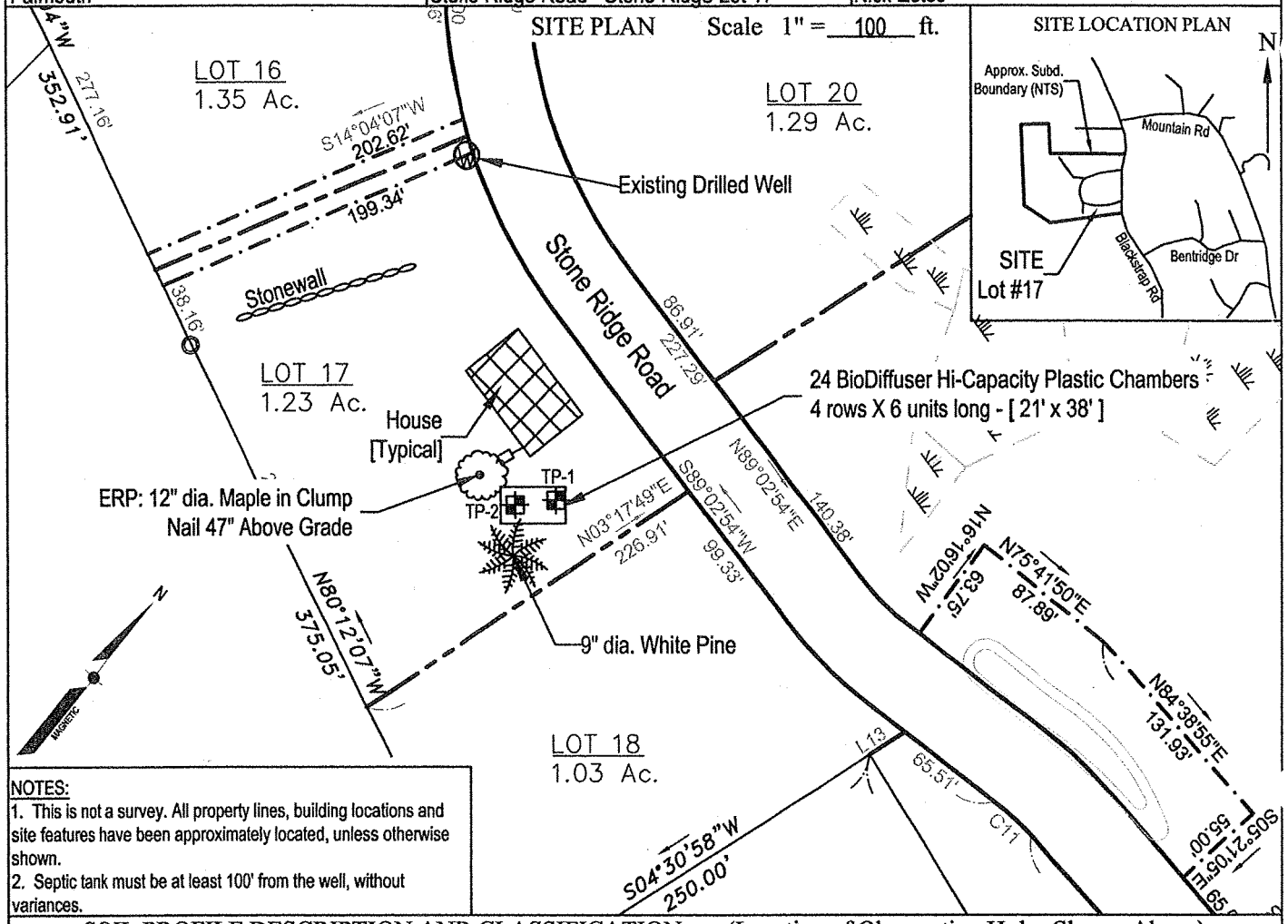
Falmouth	Stone Ridge Road - Stone Ridge Lot 17	Nick Estes

SITE PLAN Scale 1" = 100 ft.



SITE LOCATION PLAN

NOTES:
1. This is not a survey. All property lines, building locations and site features have been approximately located, unless shown.
2. Septic tank must be at least 100' from the well, without variances.

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

Observation Hole # TP-1 ■ Test Pit □ Boring

2 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Fine Sandy Loam	Friable	Brown	
6–24			Reddish Brown	None Observed
24–48	Bedrock at 24 inches			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
2	AIII	8	24"	□ Groundwater □ Restrictive Layer ■ Bedrock

Observation Hole # TP-2 ■ Test Pit □ Boring

2 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Fine Sandy Loam	Friable	Brown	
6–24			Reddish Brown	
24–36			Olive	
36–42		Firm		Common
42–48	Bedrock at 44 inches			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C/AIII	8	44"	□ Groundwater □ Restrictive Layer ■ Bedrock

Site Evaluator Signature | 387 SE # | 10/24/08 Date

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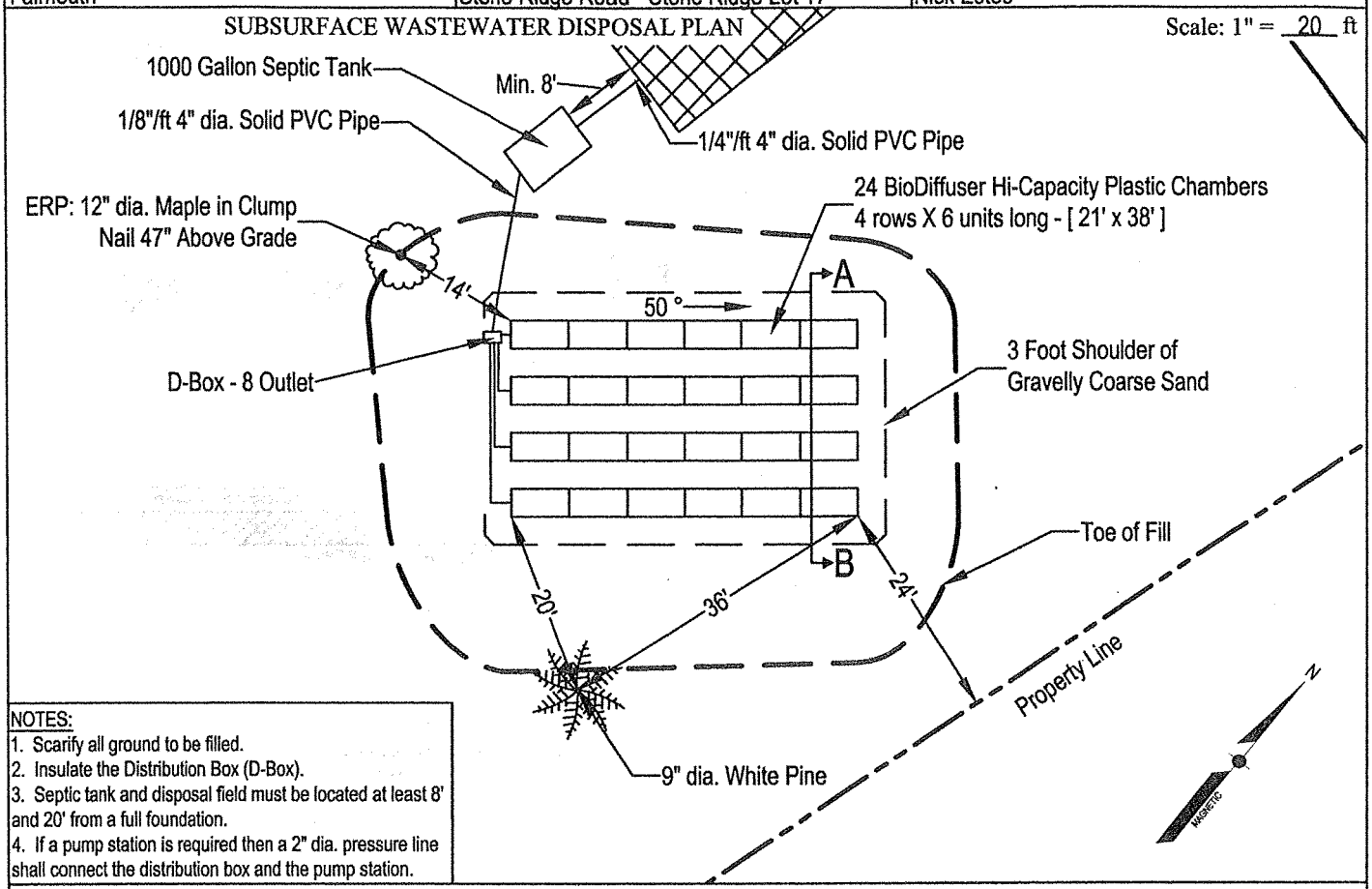
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft



NOTES:
1. Scarify all ground to be filled.
2. Insulate the Distribution Box (D-Box).
3. Septic tank and disposal field must be located at least 8' and 20' from a full foundation.
4. If a pump station is required then a 2" dia. pressure line shall connect the distribution box and the pump station.

BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 35-26"
Depth of Backfill (downslope) 31-26"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation (at Row 1) -29"
Top of Proprietary Device (at Row 1) -37"
Bottom of Disposal Field (at Row 1) -53"

ELEVATION REFERENCE POINT

Location & Description: 12" dia. Maple in Clump Nail 47" Above Grade
Reference Elevation is 0.0" or: _____

NOTE: SCARIFY ALL GROUND SURFACE TO BE FILLED. USE GRAVELLY COARSE SAND FILL WITHIN 3 FEET OF CHAMBERS. REMAINING FILL LOAMY SAND. NO CLAY.

DISPOSAL FIELD CROSS SECTION

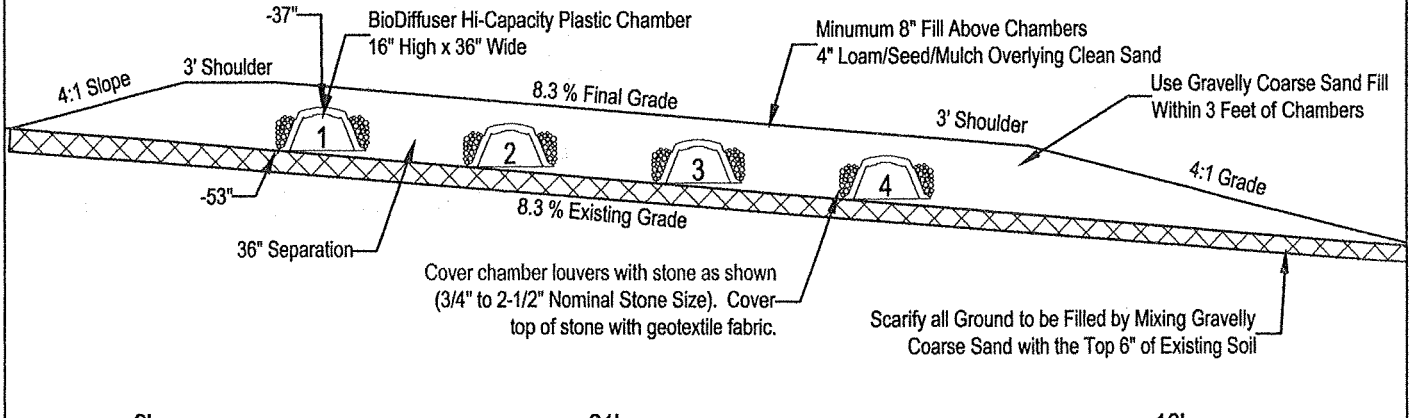
ROW #	1	2	3	4
TOP	-37"	-43"	-49"	-55"
BOTTOM	-53"	-59"	-65"	-71"

APPROXIMATE ABOVE GRADE FILL REQUIRED
47 cubic yards of LOAM
165 cubic yards of SAND
Volume of chambers not considered

Scales:
Verticle: 1" = 6
Horizontal: 1" = 6

A

B



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