


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		CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW	
City, Town, or Plantation	Yarmouth	The Subsurface Wastewater Disposal System shall not be installed until a Permit is attached HERE 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.	
Street or Road	123 Rock Road		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI) <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant			
Doe, John			
Mailing Address of Owner/Applicant	104 Hancock Road Portland, ME		
Daytime Tel. #	207-111-1234	Municipal Tax Map # _____ Lot # _____	
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
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.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
_____ Signature of Owner or Applicant		_____ Local Plumbing Inspector Signature	
_____ Date		_____ (1st) date approved	
		_____ (2nd) date approved	

PERMIT INFORMATION			
TYPE OF APPLICATION <input type="checkbox"/> 1. First Time System <input checked="" type="checkbox"/> 2. Replacement System Type replaced: <u>Stone trench</u> Year installed: <u>1968</u> <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENTS <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous Components	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>4</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: _____ (specify) Current Use <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped
SIZE OF PROPERTY 2 <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES			
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		TYPE OF WATER SUPPLY <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: <u>1000</u> GAL	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: <u>1200</u> <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input checked="" type="checkbox"/> 3. Maybe If Yes of Maybe, specify one below: <input type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. increase in tank capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>364</u> gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.1 (other facilities) SHOW CALCULATIONS — for other facilities —
SOIL DATA & DESIGN CLASS PROFILE <u>3</u> / CONDITION <u>C</u> / DESIGN <u>1</u> at Observation Hole # <u>TP-1</u> Depth <u>20</u> " of Most Limiting Soil Factor Restrictive	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Small—2.0 sq. ft. / gpd <input type="checkbox"/> 2. Medium—2.6 sq. ft. / gpd <input checked="" type="checkbox"/> 3. Medium—Large 3.3 sq. f.t. / gpd <input type="checkbox"/> 4. Large—4.1 sq. ft. / gpd <input type="checkbox"/> 5. Extra Large—5.0 sq. ft. / gpd	EFFLUENT/EJECTOR PUMP <input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons	<input type="checkbox"/> 3. Section 503.0 (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. <u>N43</u> d <u>53</u> m <u>21.12</u> s Lon. <u>W70</u> d <u>10</u> m <u>25.87</u> s if g.p.s. state margin of error: <u>10'</u>

SITE EVALUATOR STATEMENT		
I certify that on <u>January 12, 2009</u> (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	<u>387</u> SE #	<u>01/25/10</u> Date
Stephen Marcotte Site Evaluator Name Printed	<u>797-2110</u> Telephone Number	<u>steve@sweetassociates.com</u> Email Address

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 Division of Health Engineering, Station 10
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Town, City, Plantation
Yarmouth

Street, Road, Subdivision
123 Rock Road

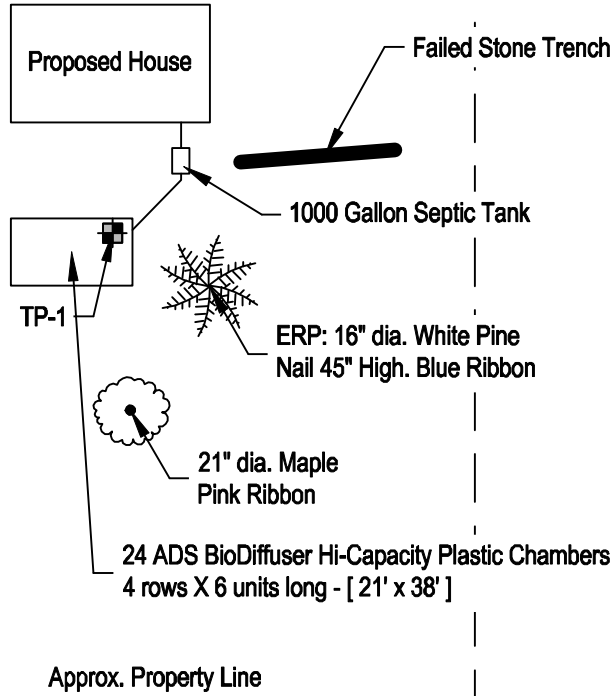
Owner or Applicant Name
John Doe

SITE PLAN Scale 1" = 60 ft.

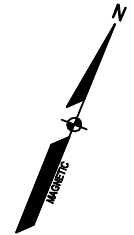
SITE LOCATION PLAN

Rock Road

Approx. Property Line



- NOTES:**
1. This is not a survey. All property lines, building locations and site features have been approximately located, unless otherwise shown.
 2. Septic tank and disposal field must be located at least 8' and 20' from a full foundation.
 3. Proposed well must be located at least 50' from septic tank(s) and 100' from disposal field(s).



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

Observation Hole # TP-1 Test Pit Boring

0 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Fine Sandy Loam	Friable	Brown	
6				
12	Fine Sandy Loam	Friable	Reddish Brown	
18				
24	Fine Sandy Loam	Firm	Olive	Common and Prominent
30				
36				
42	Limit of Excavation at 32 inches			
48				

Soil	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater
<u>3</u>	<u>C</u>	<u>~10%</u>	<u>20"</u>	<input checked="" type="checkbox"/> Restrictive Layer
Profile	Condition	Percent	Depth	<input type="checkbox"/> Bedrock

Observation Hole # _____ Test Pit Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				
6				
12				
18				
24				
30				
36				
42				
48				

Soil	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater
Profile	Condition	Percent	Depth	<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock

[Handwritten Signature]
 Site Evaluator Signature

387
 SE #

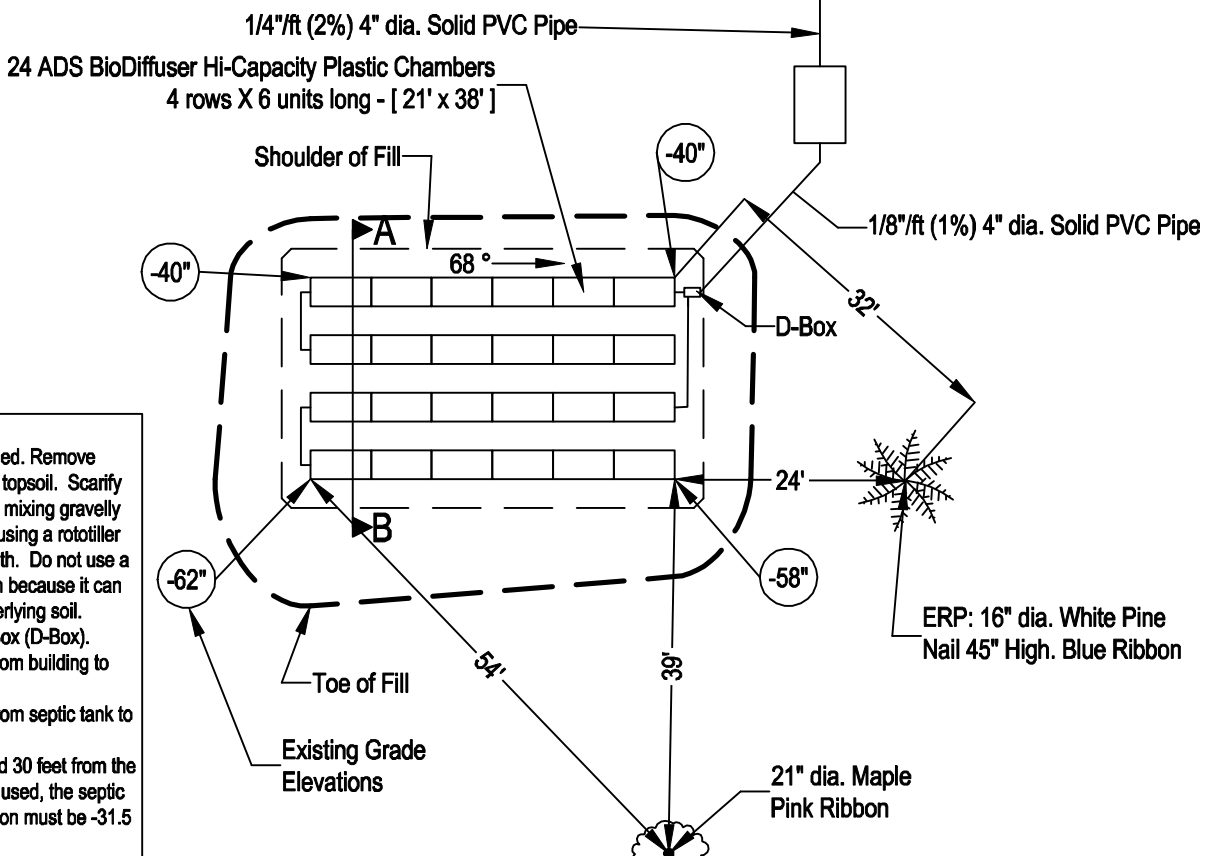
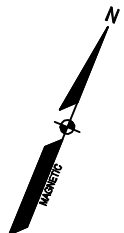
01/25/10
 Date

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SUBSURFACE WASTEWATER DISPOSAL PLAN Proposed House Scale: 1" = 20 ft



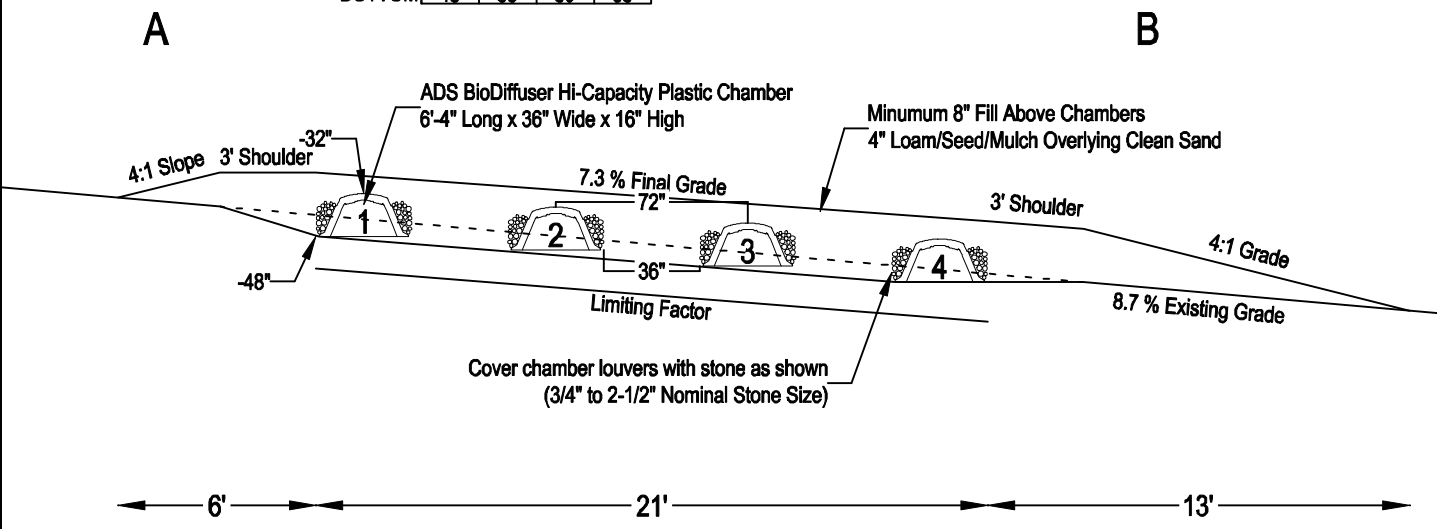
- NOTES:**
1. Scarify all ground to be filled. Remove vegetation and organic loam topsoil. Scarify soil to a depth of 6 inches by mixing gravelly coarse sand with native soil using a rototiller or a backhoe bucket with teeth. Do not use a backhoe bucket without teeth because it can compact and smear the underlying soil.
 2. Insulate the Distribution Box (D-Box).
 3. Min. 1/4"/ft pitch of pipe from building to septic tank.
 4. Min. 1/8"/ft pitch of pipe from septic tank to disposal field.
 5. If the septic tank is located 30 feet from the disposal field and a D-box is used, the septic tank outlet pipe invert elevation must be -31.5 inches or higher.

BACKFILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Backfill (upslope) <u>16-16"</u>	Finished Grade Elevation (at Row 1) <u>-25.4"</u>	Location & Description: <u>16" dia. White Pine</u>
Depth of Backfill (downslope) <u>20-16"</u>	Top of Proprietary Device (at Row 1) <u>-32"</u>	<u>Nail 45" High. Blue Ribbon</u>
	Bottom of Disposal Field (at Row 1) <u>-48"</u>	Reference Elevation is <u>0.0"</u> or: _____

NOTE: SCARIFY ALL GROUND SURFACE TO BE FILLED. USE GRAVELLY COARSE SAND WITHIN 3' OF CHAMBERS. REMAINING FILL: LOAMY SAND (no clay)

DISPOSAL FIELD CROSS SECTION	APPROXIMATE ABOVE GRADE FILL REQUIRED	Scales:
	34.6 cubic yards of LOAM	Verticle: 1" = 6
	66.8 cubic yards of SAND	Horizontal: 1" = 6
	Volume of chambers not considered	

ROW #	1	2	3	4
TOP	-32"	-37"	-43"	-49"
BOTTOM	-48"	-53"	-59"	-65"



[Handwritten Signature]
Site Evaluator Signature

387 SE # 01/25/10 Date