SUBSUR	FACE WASTE	WATER DISPOSAL S	SYSTEM APPLICATIO	N D	Maine Department of Human Services vision of Health Engineering, Station 10 SHS	
	////PROPERTY LO	CÁTION///////////////	LURC 178 PER	MIT # 3	6 APPLICANT COPY	
City, Town, or Plantation	REDINGTON TOWNSHIP		Date Permit 7 1 22 1 4 5		O O O FEE Charged	
Street or Road	NIT PICKING ROAD					
Subdivision, Lot •	bdivision, Lot •		N Hagga	27	LPIL# 01/1718	
Name (last, first, MI) ENDLESS ENERGY CORP			THE WORK SPECIFIED IN THIS APPLICATION IS HEREBY AUTHORIZED TO BE INSTALLED IN ACCORDANCE WITH THE RULES. THIS PERMIT EXPIRES AFTER TWO YEARS			
Moiling Address of ST RYDER ROA		DAD	FROM DATE ISSUE	FROM DATE ISSUED UNLESS WORK HAS COMMENCED.		
Owner Applicant	YARMOUTH, M	E 04096				
Daytime Tel. •	me Tel. * 847-9323		Municipal Tax Map • Lot •			
Owner or Applicant Statement			Caution: Inspections Required			
my knowledge and u	dge that the information nderstand that any folsif g ispector to deny a pe	submitted is correct to the best of ication is reason for the Department ermit.	I have inspected the installation out with the Subsurface Wastewater Dis	horized above sposal Rules Ap	plication.	
Signature of Owner Replicant Oate			Lacal Flumbing inspector Signature (2nd) Date Approved			
/////////			IT/NFORMATION////////////////////////////////////	7///////	(2nd/ bate Approved	
TYPE OF APPLICATION		THIS APPLICA	ATION REQUIRES	DISPOSAL SYSTEM COMPONENTS		
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 SIZE OF PROPERTY 5. 0 sq. ft. acres		3. Replacement System a. □ Local Plumbing I b. □ State & Local P 4. □ Minimum Lot Size 5. □ Seasonal Conversi DISPOSAL SY	Inspector Approval Plumbing Inspector Approval Variance Inspector Approval Plumbing Inspector Approval Variance In Approval STEM TO SERVE	4. Non-Engineered Treatment Tank (only 5. Holding Tank, Gallons 6. Non-Engineered Disposal Field (only) 7. Separated Laundry System 8. Complete Engineered System(2000gp 9. Engineered Treatment Tank (only) 10. Engineered Disposal Field (only) 11. Pre-treatment, specify: 12. Miscellaneous components nits:		
SHORELAND ZONING		3. Other: MAINTEN	3. Other: MAINTENANCE BUILDING SPECIFY		1. ■ Drilled Well 2. □ Dug Well 3. □ Private	
			Year Round II Undeveloped			
		/////DESIGN DETAILS (SYSTE	EM LAYOUT SHOWN ON PAGE	3//////		
1. ■ Concre a.■ Reg	a.■ Regular 3. ■ Proprietary Device		1. ■ No 3. □ May 2. □ Yes >> Specify	be ane below:		
2. Plastic b. Regular		a.□Cluster array c.■Linear b.■Regular d.□H-20	20 looded btonks in series		2. Table 501.2 (other facilities)	
3. Di Other:	□ Other: 4. □ Other: SIZE 1200 sq. ft. 24 PLASTIC CHAMBER				Show calculations - for other facilities - DEMPLOYEES	
AT Observation Hole - TP 3. Depth 4		4. Large - 4.1 sq.ft./gpd	☐ Small - 2.0 sq.ft./gpd ☐ Medium - 2.6 sq.ft./gpd ☐ Medium - 2.6 sq.ft./gpd ☐ Large - 4.1 sq.ft./gpd ☐ Extrapl acces = 5.0 sq.ft./gpd		stems 3. Section 503.0 (meter reading	
7//////////////////////////////////////	111111111111111111111111111111111111111		DOSE:	Gallans	ATTACH WATER-WETER DATA	
proposed system			sm this property and state th		reported is accurate and that the	
Site E	BERT FRICK valuator Name Prin	ted	elephone Number	MAINERR.CO		
ALBERT FRICK ASS Note: Changes	SOCIATES - 95A COUNT to or deviations for	ry road road gorham, maine 646 rom the design should be con	38 - (207) 839-5563 Airmed with the Site Evaluator		HHE-200 Rev 8	

Maine Department of Human Services Division of Health Engineering, Station 10 SHS (207) 287-5672 FAX (207) 287-4172 SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION Town, City, Plantation Street, Rood Subdivision Owner's Name REDINGTON TOWNSHIP NIT PICKING ROAD ENDLESS ENERGY SITE PLAN Scale 1" = 100 Ft. SITE LOCATION PLAN (Attach Map from Maine or as shown Atlas for New System Variance) KENNEBAGO RD EAST BRANCH SITE wet all area NIT PICKING RD 1870 PROPOSED PROPOSED PROPOSED WELL 10 40 TV MAINTENANCE PARKING FACILITY NIT PICKING ROAD (ERP) I" DIA FLAGGED RED MAPLE PROPOSED DISPOSAL AREA SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above) TP 1 TB 3 Test Pit Observation Hole Test Pit Observation Hole _ □ Boring Depth of Organic Horizon Above Mineral Soil Depth of Organic Horizon Above Mineral Soil Texture Consistency Mottling Texture Consistency Color Mottling DARKOT 0 0 DARK BROWN BROWN LIGHT LOAM FRIABLE LOAM FRIABLE (inches) OLIVE 10 10 OLIVE BROWN BROWN ACE ACE FEW, FAINT FEW, FAINT SURF SURF OLIVE COMMON, 20 20 COMMON, FIRM BROWN SOIL SOIL DISTINCT DISTINCT OLIVE FIRM MINERAL MINERAL 30 30 BELOW BELOW REFUSAL REFUSAL DEPTH DEPTH 40 40 50 50 Soil Classification Ground Water Restrictive Layer Soil Classification Slope Limiting Ground Water Restrictive Layer Bedrock Pit Deoth Limiting Factor |4 Factor D Bedrock Pit Depth Profile Condition

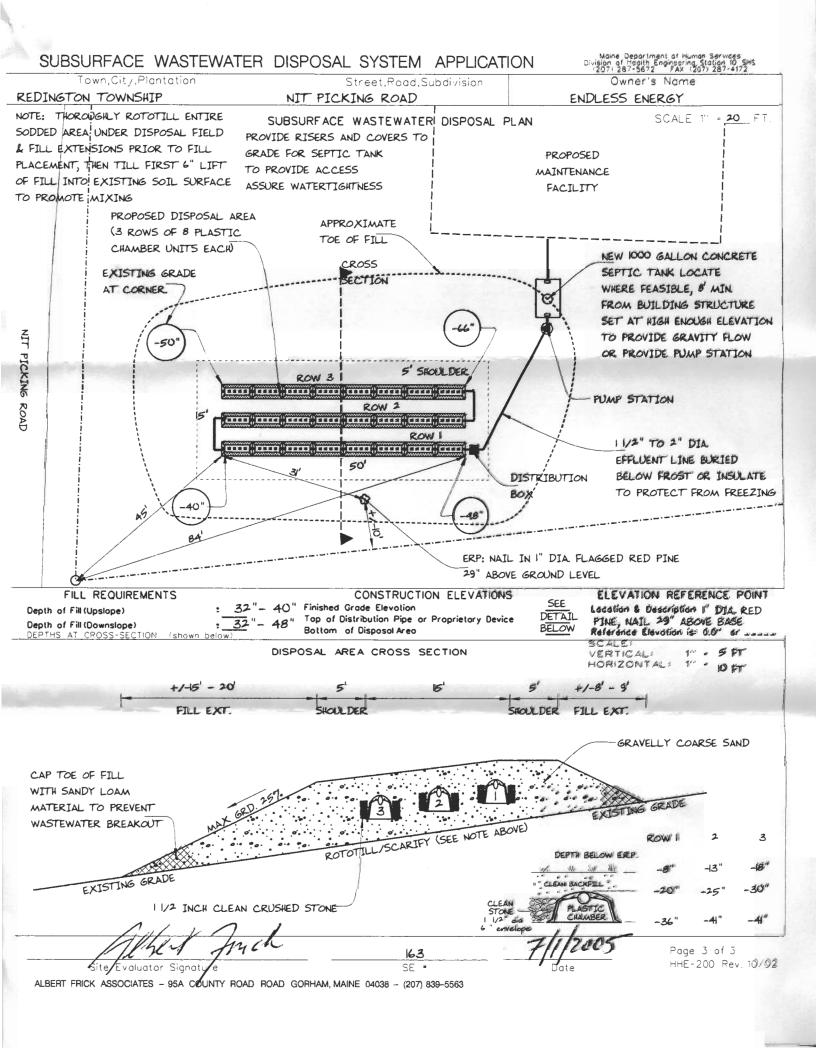
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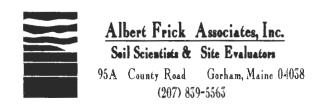
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Page 2 of 3

HHE-200 Rev. 10/02

Site Evaluator Signa





DINGTON TOWNSHIP

NIT PICKING ROAD

ENDLESS ENERGY

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APPLICANT'S NAME

- 1) The Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to 22 M.R.S.A. § 42 (the "Rules") are incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system installer and/or building contractor for further construction details and material specifications. The system Installer should contact Albert Frick Associates, Inc. 839-5563, if there are any questions concerning materials, procedures or designs. The system installer and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances pertaining to the permitting, inspection and construction of subsurface wastewater disposal systems.
- This application is intended to represent facts pertinent to the Rules only. It shall be the responsibility of the owner/applicant, system Installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot size laws) before installing this system or considering the property on which the system is to be installed a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations. Prior to the commencement of construction/installation, the local plumbing inspector or Code Enforcement Officer shall inform the owner/applicant and Albert Frick Associates, Inc of any local ordinances which are more restrictive than the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. Albert Frick Associates, Inc.'s liability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations in effect at the time of preparation of this application.
- 3) All information shown on this application relating to property lines, well locations, subsurface structures and underground facilities (such as utility lines, drains, septic systems, water lines, etc.) are based solely upon information provided by the owner/applicant and has been relied upon by Albert Frick Associates, Inc. in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information. Well locations on abutting properties but not readily visible above grade should be confirmed by the owner/applicant prior to system installation to assure minimum setbacks.
- 4) Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter shall be connected in series to the proposed septic tank.
- 5) The system user shall avoid introducing kitchen grease or fats into this system. Chemicals such as septic tank cleaners and/or chlorine (such as from water treatment units) and controlled or hazardous substances shall not be disposed of in this system. Additives such as yeast or enzymes are discouraged, since they have not been proven to extend system life.
- 6) The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than every three years. All septic tank, pump stations and additional treatment tanks shall be installed to prevent ground water and surface water infiltration.

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- 7) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption (water usage (cu. ft.) x 7.48 cu. ft. (gallons per cu. ft.) divided by the # of days in period).
- 8) The general minimum setbacks between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.
- When a gravity system is proposed: BEFORE CONSTRUCTION/INSTALLATION BEGINS, the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirement. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station, by sealing/grouting all seams and connections, and by placement of a riser and lid at or above grade. An alarm device warning of a pump failure shall be installed. Also, when pumping is required of a chamber system, install a "T" connection in the distribution box and place 3 inches of stone or a splash plate in the first chamber. Insulate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.
- 10) On all systems, remove the vegetation, organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper that 8 inches and compact before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage or differential setting). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off proprietary devices. Divert the surface water away from the disposal area by ditching or shallow landscape swales.
- 11) Unless noted otherwise, fill shall be gravelly coarse sand, which contains no more that 5% fines (silt and clay).
- Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.
- 13) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent material to prevent erosion. Alternatively, bark or permanent landscape mulch may be used to cover system, Woody trees or shrubs are not permitted on the disposal area or fill extensions.

