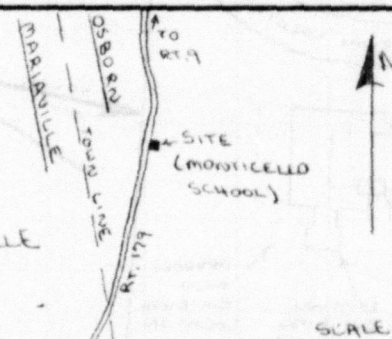


This Is NOT A Permit; This Form When Completed Must Be
Presented To The Local Plumbing Inspector To Obtain A Permit

This Application Is For: ☒ New System ☐ Replacement Of Entire System ☐ Expanded System ☐ Replacement Of Disposal Area Only ☐ Conversion Permit		Variance: ☒ None Required ☐ Replacement System Variance With: ☐ New System Variance ☐ LPI Approval ☐ Dept. Review	
PROPERTY LOCATION OSBORN RT. 179 Town, Plantation Street, Road		Subdivision Name: PERMIT # 6 STATE COPY	
PROPERTY OWNER or APPLICANT EMERY JORDAN, 1ST SELECTMAN		Date Permit Received: 9-13-84 \$ 40.00 FEE ☐ Double Fee Charged	
Mailing Address: 40 TIM WACKELL 667-7131 HANCOCK COUNTY REG. Tel. No. Street PLANNING COMM.		Local Plumbing Inspector Signature: G.W. Munn	
ELLSWORTH ME 04405 Town State Zip Code		☒ Other Establishment Specify: ASSEMBLY HALL Type of Facility	
LOCATION PLAN OF PROPERTY SITE IS OLD MONTICELLO SCHOOL, LOCATED 0.95 MILE FROM OSBORN/ MARIAVILLE TOWN LINE.  SCALE: 1" = 1 MILE		MAY SEATING CAPACITY: 40 @ 500/SEAT (Number of Employees, Seating Capacity, Building Size, etc.) Design Flow: 200 GPD If greater than 2000 GPD, Specify: Professional of Engineer	
PROPERTY INFORMATION Area of Property: ~ 3/4 ☐ Sq. Ft. ☒ Acres ☒ Zoned ☐ Not Zoned If zoned, type of zoning: LURE JURISDICTION - DEVELOPMENT DISTRICT Property on Water Body, If so, Name of Water Body: ☐ Public Utility ☒ Drilled Well depth (PROPOSED) Water Supply is: ☐ Dug Well depth ☐ Well Point ☐ Spring ☐ Surface Water			
SOIL PROFILE DESCRIPTION Location of Observation Holes shown on page 2			
TEXTURAL DESCRIPTION OF EACH SOIL STRATS ENCOUNTERED	Observation Hole No. TP1 ☒ Test Pit ☐ Boring	Observation Hole No. TP2 ☒ Test Pit ☐ Boring	Observation Hole No. ☐ Test Pit ☐ Boring
	Organic Strata or (Existing Fill) Thickness 0	Organic Strata or (Existing Fill) Thickness 0	Organic Strata or (Existing Fill) Thickness
	1st Original (A _p) SILT LOAM, DARK BROWN, FRIABLE Depth from 0 to 7 Thickness 7	1st Original (A _p) SILT LOAM, DARK BROWN, FRIABLE Depth from 0 to 8 Thickness 8	1st Original Mineral Soil Strata Depth from 0 to Thickness
	2nd (B ₂₁) SILT LOAM, YELLOWISH-REDDISH-BROWN, FRIABLE Depth from 7 to 19 Thickness 12	2nd (B ₂₁) SILT LOAM, YELLOWISH-BROWN, FRIABLE Depth from 8 to 15 Thickness 7	2nd Depth from to Thickness
	3rd (B ₂₂) SILT LOAM, OLIVE-GRAY, MOTTLED FAINTLY, FIRM Depth from 19 to 40 Thickness 21	3rd (B ₂₂) SILT LOAM, OLIVE-BROWN, FRIABLE Depth from 15 to 18 Thickness 3	3rd Depth from to Thickness
4th (C) FINE SANDY LOAM, OLIVE-GRAY, MOTTLED, FIRM Depth from 40 to 49 Thickness 9	4th (C) SILT LOAM, OLIVE GRAY, MOTTLED, FIRM Depth from 18 to 43 Thickness 25	4th Depth from to Thickness	
Total Depth of Observation Hole 49		Total Depth of Observation Hole 43	Total Depth of Observation Hole
Depth from top of ORIGINAL MINERAL SOIL	Maximum Seasonal High Ground Water Table Depth 19 ☐ None evident	Maximum Seasonal High Ground Water Table Depth 18 ☐ None Evident	Maximum Seasonal High Ground Water Table Depth ☐ None evident
	Depth to Restrictive Layer ☐ None evident 19	Depth to Restrictive Layer ☐ None evident 18	Depth to Restrictive Layer ☐ None evident
	Depth to Bedrock ☒ None evident	Depth to Bedrock ☒ None evident	Depth to Bedrock ☐ None evident
CLOSEST TO:	PROFILE 1 CONDITION C SLOPE ~2%	PROFILE 1 CONDITION C SLOPE ~6%	PROFILE CONDITION SLOPE %
DISPOSAL SYSTEM PROPOSED Location of system and Details on Proposed Plan on page 2			
TYPE OF SYSTEM ☒ Combined System ☐ Separated System If separated system, type of black waste disposal system to be used: ☐ Compost ☐ Pit Privy ☐ Sealed Vault Privy ☐ Other: Specify: ☐ Separated Laundry System ☐ Primitive System ☐ Holding Tank	TREATMENT TANK ☒ Septic Tank ☐ Aerobic Tank Size 750 Gals. (OR 1000) DOSAGE ☒ Pumping is not required ☐ Pumping is required The dose should be: Gals. Dosage chamber capacity shall be gals. ☐ System should be vented	SUBSURFACE DISPOSAL AREA/TYPE ☐ Trench Disposal Area Total linear feet of trench ft. Number of Trench lines ft. Length of each trench line ft. Depth of Stone inches Reduction on trench length due to stone depth % ☒ Bed Disposal Area Total bed area 820 sq. ft. Number of beds 1 Width 20 ft. Length 41 ft. ☐ Chamber Disposal Area Total chamber area sq. ft. Number of clusters Width ft. Length ft. ☐ H-20 required	SYSTEM SIZE RATING ☐ Small ☐ Medium ☐ Medium Large ☒ Large ☐ Extra Large
			DISPOSAL AREA ELEVATION Depth of Upslope Fill required 18 inches. Depth of Downslope Fill required 33 inches. Reference Elevation Point established at 100.0 Elevation. Disposal Area Bottom to be established at 96.0 Elevation. Top of Distribution Lines or Top of Chambers 96.9 Elevation. ☒ Yes ☐ No: The proposed subsurface disposal area will be located at least 100 feet from any and all wells, springs, surface water bodies and courses (lake, pond, ocean, brook stream, river), swamps, marshes, and bogs. ☒ Yes ☐ No: The proposed subsurface disposal area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.
FOR USE BY SITE EVALUATOR On 10/29/82 (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the above type and size of subsurface wastewater disposal system. I also recommend the proposed disposal system layout and location shown on page 2.			Signature of Site Evaluator: Alay C. Ott Date signed: 11/1/82 Site Evaluator License Number: 187
FOR USE BY OWNER/APPLICANT I certify that all the information submitted to be true and correct to the best of my knowledge. I understand that any falsification of this application is reason to deny a permit to install a disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I also understand that no guarantee is intended or implied by reason of any advice or approval given.			Signature of Owner/Applicant: Emery L. Jordan Date Signed: 9-6-84
FOR USE BY LPI: ☐ This Application is approved. If conditions, specify. ☐ This Application is Denied due to: ☐ System is not in accordance with Rules. ☐ Application is incomplete. ☐ Application is unclear. ☐ Development is in violation of other Regulations. Specify		Signature of LPI: G.W. Munn Date: 9-13-84 PERMIT NO. 6 E Date Issued: 9-13-84	

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

Page 2 of 2

PROPERTY LOCATION

OSBORN

RT. 179

Town, Plantation

Street, Road

Subdivision Name

Lot No.

PROPERTY OWNER or APPLICANT

DISPOSAL AREA ELEVATION

Reference Elevation Point established at 100.0' Elevation

Depth of Upslope Fill required 18" inches

Disposal Area Bottom to be established at 96.0' Elevation

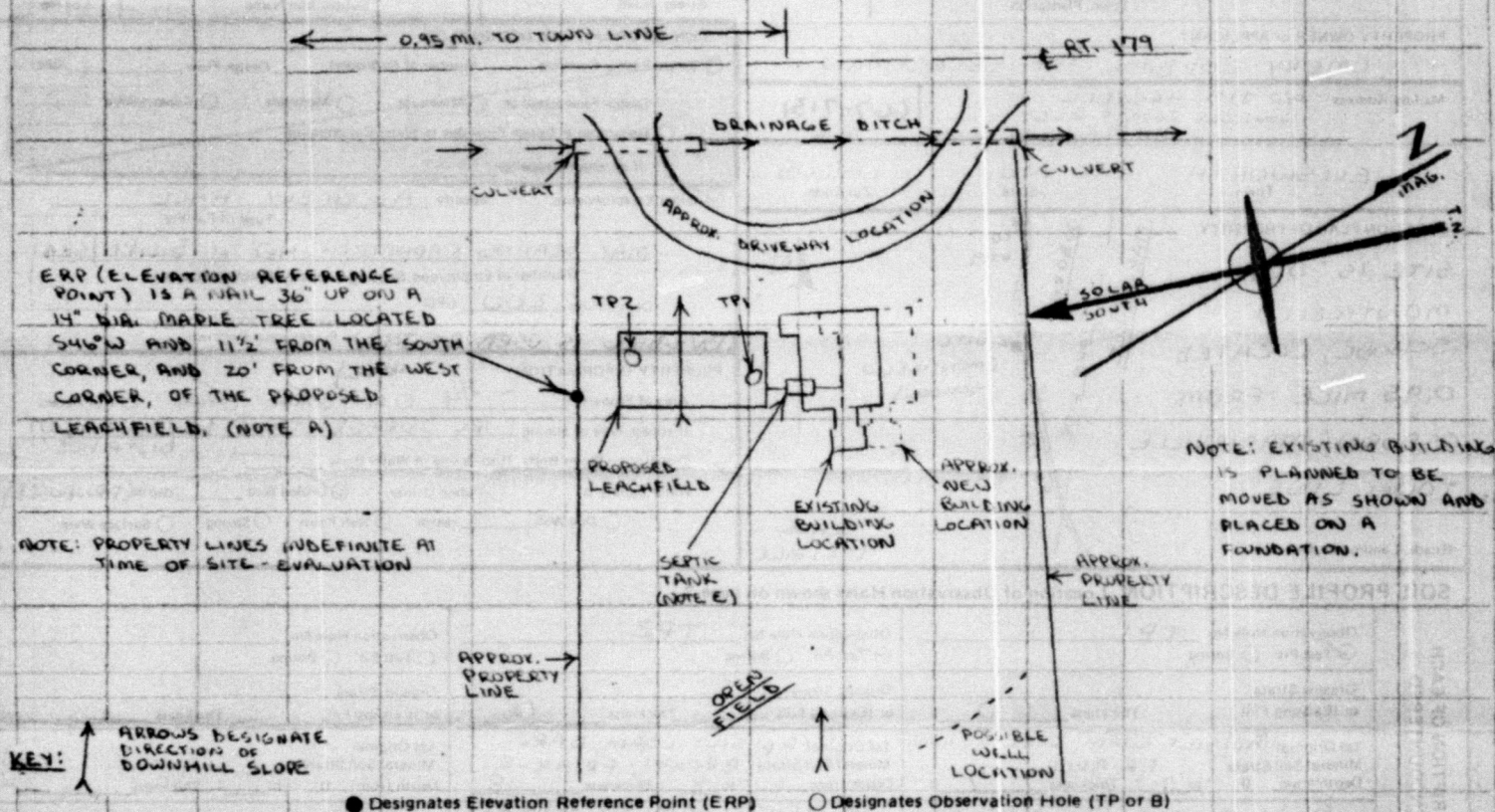
Depth of Downslope Fill required 33" inches

Top of Distribution Lines or Top of Chambers 96.9' Elevation

EMERY JORDAN

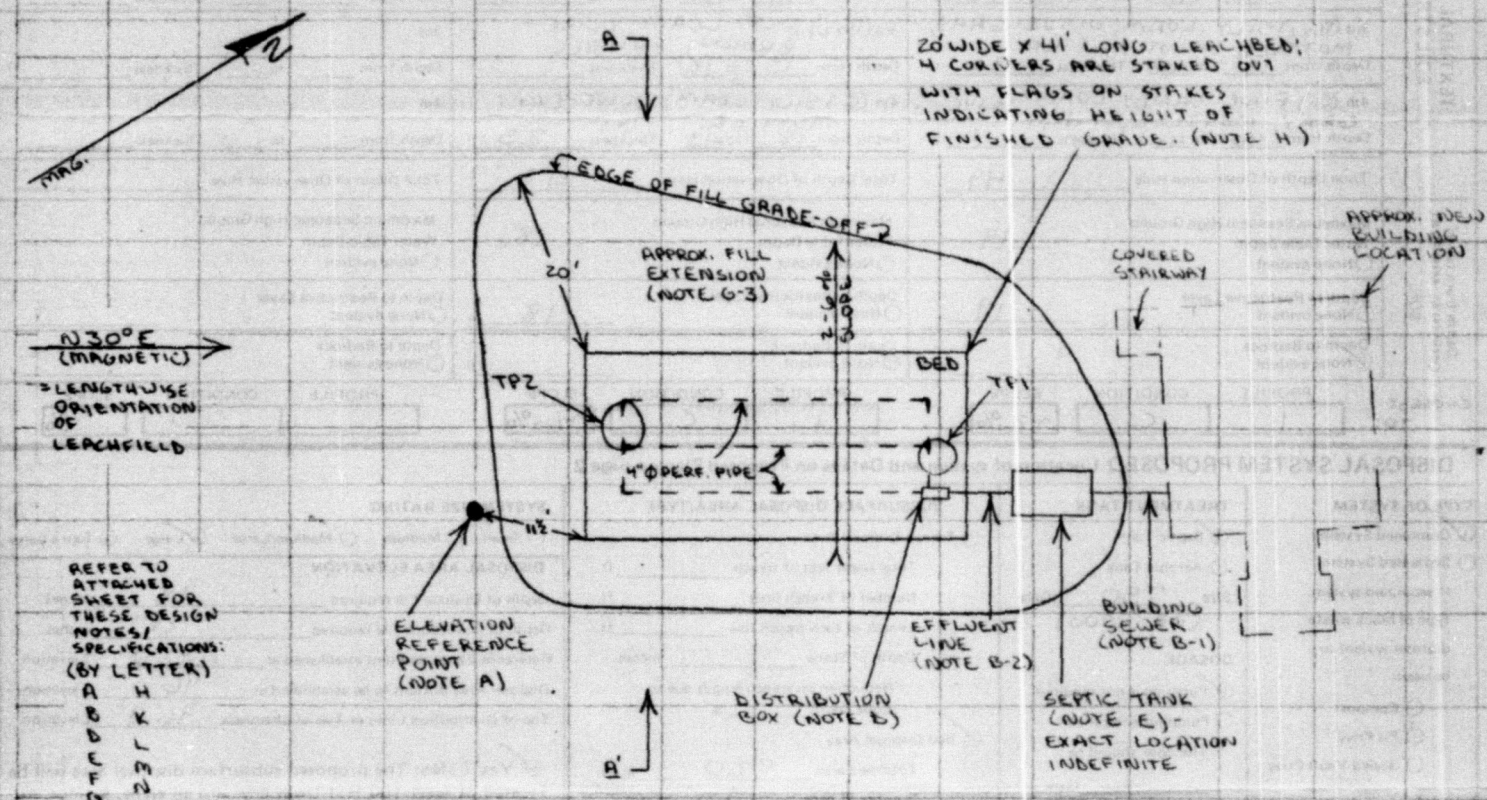
Site Plan

Scale 1" = 50' ft.



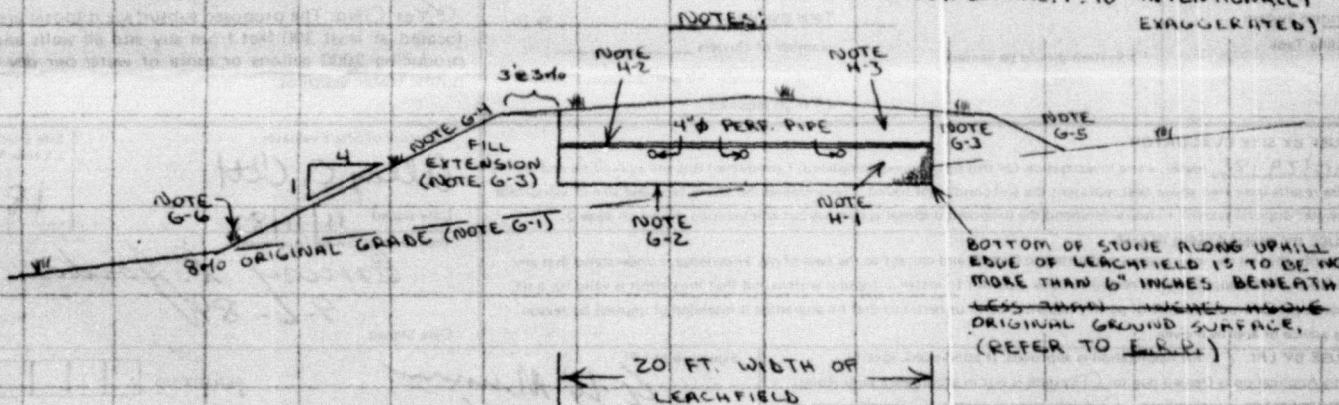
Subsurface Wastewater Disposal Plan

Scale 1" = 20' ft.



Subsurface Wastewater Disposal Area Cross-section (ACROSS A-A' ABOVE)

Scale: VERTICAL: 1" = 5' (NOTE: VERTICAL SCALE IS INTENTIONALLY EXAGGERATED)



Site Evaluator's Signature

Date

License Number

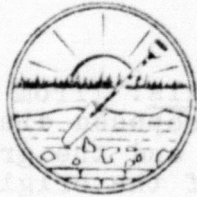
Alley E. Ott

11/11/87

187

Ralph S. Baker
Cert. Soil Scientist
Lic. Site Evaluator

Allan E. Ott 244-5119
Lic. Site Evaluator
Southwest Harbor, Maine



Ralph S. Baker Associates

Star Route Box 24
Penobscot, Maine 04476
(207)326-4254

DESIGN NOTES/SPECIFICATIONS for Subsurface Wastewater Disposal System

Attachment to HHE-200 form for:

EMERY JORDAN
owner/applicant

OSBORN
property location

NOTE (A) Elevation Reference Point (ERP) is ☐ at the same elevation as the bottom of the stone/the bottom of the chambers within the proposed disposal area as staked. Disposal area (leachfield) shall be no lower than indicated. Contractor can set up level and shoot elevations for cut or fill by sighting at ERP; so can LPI during inspection.

NOTE (B) Sewer Pipes: Use 4" dia. approved materials (watertight.) Insulate as necessary to protect from freezing; bury at least 1' deep; seed.

- 1.) Building Sewer: For gravity flow from building to septic tank, maintain minimum pitch of $\frac{1}{4}$ "/ft., ($\frac{1}{8}$ "/ft. with LPI's approval.)
- 2.) Effluent Line: For gravity flow below septic tank, maintain minimum pitch of $\frac{1}{16}$ "/ft.

☒ Gravity flow is possible to disposal area provided that upper end of sewer pipe is sufficiently higher than disposal area elevation.

NOTE (C) Pump Needed: ☐ Gravity flow to disposal area is not feasible. Lift chamber may be either within septic tank or in separate chamber fed by gravity effluent line. In either case lift chamber shall be readily accessible, protected from freezing, and with a pump of sufficient capacity. Pressure effluent line must be a minimum of $1\frac{1}{2}$ " dia. Take extra care to bury and/or insulate pressure line to protect from freezing.

NOTE (D) Distribution Box: serves as worthwhile access point to disposal area. Set box properly on firm base, and protect from freezing by covering with soil or insulation. When pumping, it is recommended to bring pressure line into distribution box from underneath and to insulate heavily over box to protect from freezing.

NOTE (E) Septic Tank:

- 1.) Setback requirements which must be met when installing a septic tank include the following (unless reduced by waiver:): 100' from wells, except 75' from owner's well; 100' from high watermark of perennial waterbodies (may be reduced to 75' if tank tested for water tightness in the LPI's presence;); 50' from intermittent waterbodies; 25' from man-made drainage ditches; 10' from property lines; and 8' from buildings.
- 2.) Be sure to have septic tank inspected annually and pumped out as needed. Otherwise clogging of the disposal area could result, necessitating costly replacement.

NOTE (F) Setbacks for Disposal Areas: same as for septic tanks (NOTE E above) except for the following (unless waived:): 100' from owner's well; 100' from perennial waterbodies; from buildings with basements: 20'; without basements: 15' (partial listing from Table 6-2 of Rules.)

NOTE (G) Disposal Area Construction Details: (from Chap. 11, Sec.D, Rules)

- 1.) The vegetation in the proposed disposal area and fill extensions shall be removed and the ground surface scarified to minimize glazing of the original soil.
- 2.) The bottom of the disposal area and distribution line shall be level with a maximum grade tolerance of 1"/100 ft.
- 3.) Clean fill, (sandy loam or coarser), if required, is to be placed in 8" lifts and compacted as placed.
- 4.) The finish grade of the backfill over the disposal area shall be crowned from the center of the disposal area at a 3% slope extending 3 ft. beyond the edge of the disposal area. At that point the fill shall be sloped at a uniform grade of no greater than 25% (4:1) to the original ground.
- 5.) The land adjacent to the disposal area shall be graded to prevent both the accumulation of surface water on the disposal area, and the flow of surface water across it.
- 6.) The finished disposal area and fill extensions shall be seeded to prevent erosion: a.) Grass, clover, trefoil, vetch, perennial wildflowers, or other herbaceous perennials may be utilized for disposal area surfaces. Woody shrubs are unacceptable. b.) Woody shrubs in conjunction with a hardy perennial ground cover may be used on fill extensions.

NOTE (H) Bed or Trench Disposal Area Details: (Chap.12:A.3-5 & B.3-5, Rules)

- 1.) A minimum total of 12" of stone or of other durable and insoluble material, of uniform size, $\frac{3}{4}$ to 3 inches size range, and free of fines, dust, ashes, or clay, shall be used on the bottom of the disposal area. The distribution pipes shall be installed totally within the stone.
- 2.) The stone shall be completely covered with one of the following materials: a.) a minimum 2" layer of compressed hay; b.) one layer of an approved non-woven filter fabric; or c.) 1" of fiberglass insulation.
- 3.) Clean backfill, 8-12" in depth, shall be carefully placed over the hay layer or approved substitute.

~~NOTE I~~ Chamber Disposal Area Details: Install approved chambers in accordance with manufacturer's recommendations and specs.

~~NOTE J~~ Site Modifications:

- ☐ 1.) Install an upslope diversion ditch to intercept and divert surface water run-off away from disposal area. Dig to provide steady positive drainage without low pockets. Recommended depth = _____. Seed to establish vegetative cover, and maintain by mowing.
- ☐ 2.) Upslope Curtain Drain: Dig trench to intercept and divert laterally moving groundwater away from disposal area. Dig to provide steady positive drainage without low pockets. Recommended depth = _____. Back-hoe bucket = width. Seed.
- ☐ 3.) Construct curtain drain line/s to serve double-duty as cellar drain outlet also (or as perimeter drain outlet in the case of a slab.)

NOTE (K) Gutters: It is recommended that gutters, downspouts, and leaders be installed to collect storm waters from roofs and convey them away from disposal area. Make sure that cellar drain line outlets away from disposal area also.

NOTE (L) Seeding Recommendations: (per 1000 sq. ft.)
Apply 90 lbs. lime, 30 lbs. 5-10-10 fertilizer (or $\frac{1}{4}$ ton manure;) seed with 2-4 lbs. "Conservation Mix" available at garden centers; then mulch with $1\frac{1}{2}$ bales hay to prevent erosion and aid establishment of vegetative cover.

NOTE (M) Maintenance: Conserve water whenever possible. Low volume plumbing fixtures or flow reducers on showers, toilets, and sinks are strongly recommended. Also, do not drive or park vehicles over the septic system. Also see NOTE E-2.

NOTE (N) For further information: contact me, or your town's Local Plumbing Inspector (LPI,) or Div. of Health Engineering, Dept. of Human Services, Augusta, Me. 04333, tel.:289-3826, which administers the Subsurface Wastewater Disposal Rules.