M7L6/B

REPLACEMENT SYSTEM VARIANCE REQUEST

9:30

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application for the proposed replacement system which does not comply with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System from the rules.
2. A system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

Town Copy

GENERAL INFORMATION

Town of AUGUSTA

Permit No. 3502 E

Date Permit Issued 7/29/96 (MONTH/DAY/YEAR)

Property Owner's Name: AMELIA BARTLETT Tel. No. 622-3892

System's Location: ROUTE 3 NORTH BELFAST AVENUE (STREET)

AUGUSTA (TOWN) Maine 0433 (ZIP)

Property Owner's Address: P.O. BOX 2003 (STREET)
(If different from above)

AUGUSTA (TOWN) MAINE (STATE) 04338 (ZIP)

SPECIFIC INSTRUCTIONS TO THE:

LPI:

If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, they you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:

If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:

It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The OWNER shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

Amelia H. Bartlett — PROPERTY OWNER'S SIGNATURE

7-25-96 — DATE

HHE-204 RV 2/88

VARIANCE CATEGORY	VARIANCE REQUESTED	LIMIT OF LPI'S APPROVAL AUTHORITY		VARIANCE REQUESTED TO:	
SOILS					
Soil Profile	Ground Water Table	to 6"		12	inches
Soil Condition	Restrictive Layer	to 6"		—	inches
from HHE-200	Bedrock	to 10"		—	inches
SETBACK DISTANCES (IN FEET)	FROM:	TREATMENT TANK	DISPOSAL AREA	TREATMENT TANK	DISPOSAL AREA
Potable Water Supplies	1. Well: > 2000 gal/day	100[a]	300[a]	—	—
	2. Well: < 2000 gal/day a. Neighbor's	50[a]	60[a]	—	—
	b. Property Owner's	25'	50'	40'	65'
	3. Water Supply Line	See note 'a'		—	—
Waterbodies	1. Perennial	50'	60'	—	—
	2. Intermittent	15'	20'	—	—
	3. Manmade drainage ditch	10'	15'	—	—
Downhill Slope	Greater than 3:1 (33%)	5[c]	10[c]	—	—
Buildings	1. With Basement	5'	10'	—	—
	2. Without Basement	5'	10'	—	—
Property Line		4'	5'	—	—

OTHER

1. Fill extension Grade—to 3:1
2.
3.

Footnotes:

a. This setback distance cannot be reduced by variance. See Table 6-2.
b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 feet but closer to that well than the system it is replacing.
c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

Vaughn Roberts — SITE EVALUATOR'S SIGNATURE — 11/14/94 DATE

LPI STATEMENT

I, Gary R. Miller, LPI for the Town of Angelica have conducted an on-site inspection for the proposed replacement system and have determined to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Wastewater Disposal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

☐ a. (☑ approve, ☑ disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant.

—OR—

☐ b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (☐ recommend ☐ do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments:

Gary R. Miller — LPI'S SIGNATURE — 7/29/96 DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (☐ does ☐ does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT — DATE

M7 L61B

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS

Lot Location	AUGUSTA
Street Subdivision Lot #	ROUTE 3

PROPERTY OWNERS NAME

Last: BARTLETT First: AMELIA

Applicant Name:	- SAME -
Mailing Address of Owner/Applicant (If Different)	P.O. BOX 2003 AUGUSTA, MAINE 04338

AUGUSTA 3502 TOWN COPY

Date Permit Issued 7 29 96 $ 80.50 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 850

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Signature of Owner/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.

Local Plumbing Inspector Signature 8/1/96 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☐ NEW SYSTEM
2. ■ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY: ± 0.6 AC
ZONING:

THIS APPLICATION REQUIRES:
1. ☐ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE
Attach New System Variance Form
3. ■ REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
a. ■ Requiring Local Plumbing Inspector Approval
b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ■ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:
COMPLETE SYSTEM
1. ■ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)
INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
DRILLED WELL-EXISTING

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ■ SEPTIC: ■ Regular ☐ Low Profile
2. ☐ AEROBIC
SIZE: 1000 GALS.

WATER CONSERVATION
1. ■ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET
SPECIFY: _____

PUMPING
1. ☐ NOT REQUIRED
2. ☐ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ■ REQUIRED
DOSE: 100 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3 BEDROOMS

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	D

DEPTH TO LIMITING FACTOR: 12

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ■ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ■ CHAMBER 450 Sq. Ft. INFILTRATORS ■ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 270 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

On OCTOBER 17, 1994 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature 226 SEA 11-14-94 Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

STATE OF MAINE VAUGHN L SITE EVALUATOR

WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town: AUGUSTA

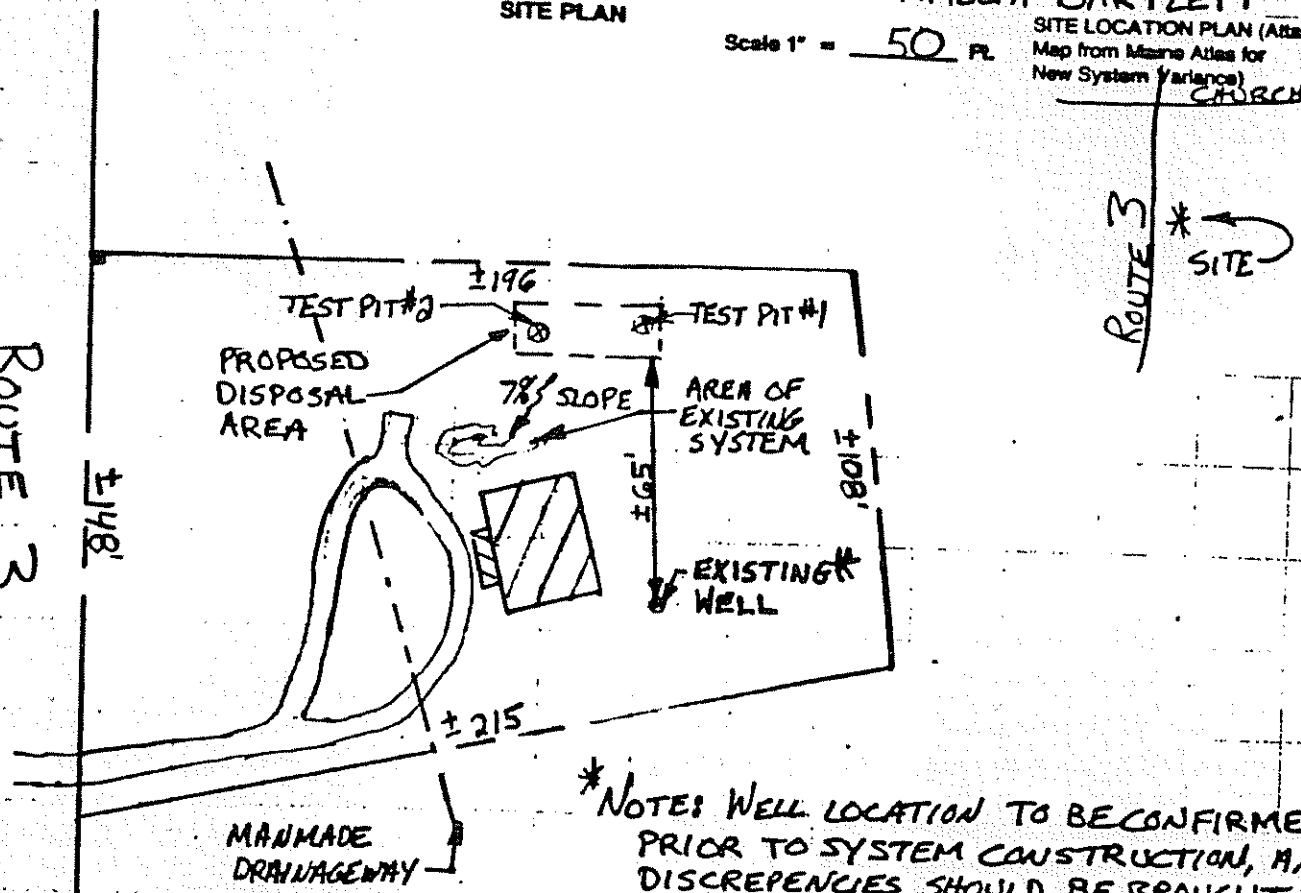
Street, Road, Subdivision: ROUTE 3

Owners Name: AMELIA BARTLETT

SITE PLAN

Scale 1" = 50 Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



*NOTE: WELL LOCATION TO BE CONFIRMED PRIOR TO SYSTEM CONSTRUCTION, ANY DISCREPENCIES SHOULD BE BROUGHT TO SITE EVALUATOR'S ATTENTION

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

Observation Hole #1 ■ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
GRAVELLY LOAM	FRIABLE	OLIVE BROWN	NONE
SANDY LOAM	FIRM	OLIVE	FEW FAINT

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	D	4 %	12	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole #2 ■ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SANDY LOAM	FRIABLE	OLIVE BROWN	NONE
GRAVELLY LOAMY SAND			
SANDY LOAM	FIRM	OLIVE	FEW DISTINCT

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	D	9 %	12	■ Ground Water ☐ Restrictive Layer ☐ Bedrock

STATE OF MAINE LICENSED SITE EVALUATOR

Site Evaluator Signature

11-14-94
Date

HHE-200 Rev. 1/84

WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

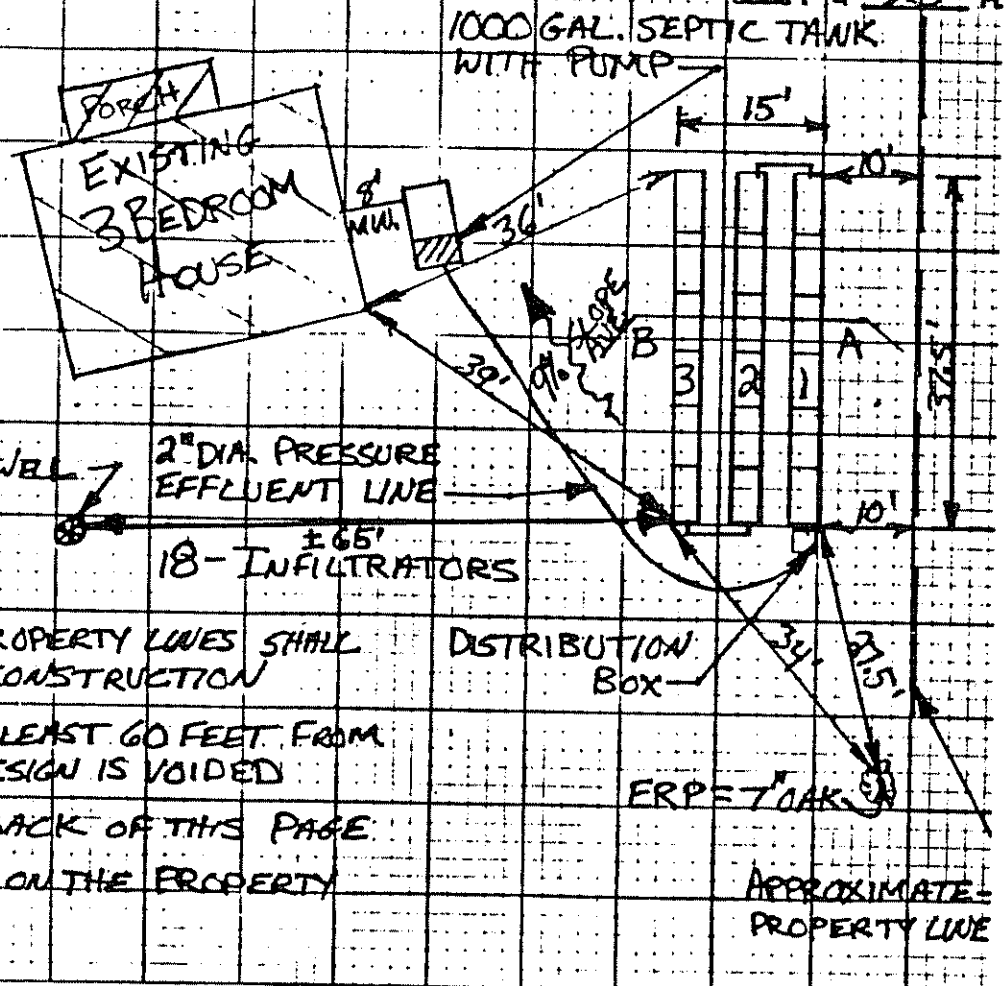
Street, Road, Subdivision: ROUTE 3

Owners Name: AMELIA BARTLETT

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

CONSTRUCTION ELEVATIONS	BOT OF INF	TOP OF INF.
ROW #1	-55"	-39"
ROW #2	-60"	-44"
ROW #3	-65"	-49"



NOTES:

1) ALL TIES, ELEVATIONS, + PROPERTY LINES SHALL BE CONFIRMED PRIOR TO CONSTRUCTION
2) OWNER'S WELL SHALL BE AT LEAST 60 FEET FROM DISPOSAL FIELD OR THIS DESIGN IS VOIDED
3) SEE GENERAL NOTES ON BACK OF THIS PAGE
4) ALL FILL SHALL REMAIN ON THE PROPERTY

FILL REQUIREMENTS

Depth of Fill (Upslope) 28"
Depth of Fill (Downslope) 36"
FILL DEPTHS WILL VARY

CONSTRUCTION ELEVATIONS

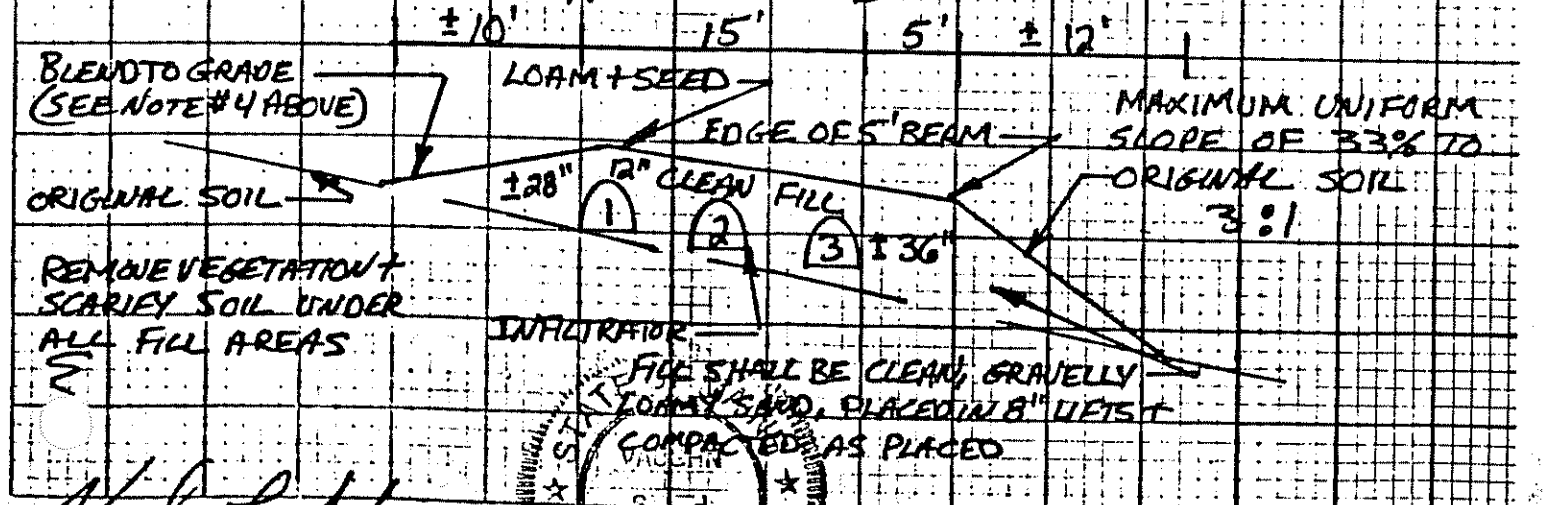
Reference Elevation is 0"
Bottom of Disposal Area
Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

ERP = 7" OAK WITH NAIL SET 25" ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 10 Ft.



Vaughn L. Bitch
Site Evaluator Signature

VAUGHN L. BITCH
SITE EVALUATOR
LICENSE #226

11-14-94
Date

GENERAL NOTES

1) The most recent revision of the Maine State Plumbing Code is hereby made a part of this HHE-200 Form and shall be consulted by the disposal system installer for further construction details, material specifications, cautions, and other related details pertinent to the construction of this disposal system.

2) This HHE-200 Form is intended to represent facts pertinent to the Plumbing Code only. The owner or applicant must check all local, state, and federal regulations (ie. zoning, building codes, minimum lot size, wetlands, etc.) before considering this an approvable site. All information shown on this form relating to property lines and subsurface structures (such as, but not limited to: water lines, septic tanks, cess pools, cellar drains, utility lines, etc.) are noted, plotted, or left off as not affecting the system based on information provided by the owner or his agent. It is the responsibility of the owner or his agent to confirm, BEFORE CONSTRUCTION BEGINS, any features which may affect (Or be adversely affected by) the installation of this system.

3) When a gravity system is proposed, BEFORE CONSTRUCTION BEGINS, the disposal system installer shall review the relative evelations of all points given in this HHE-200 Form and the elevations of the existing or proposed building drain, septic tank, and disposal field for compatability to the minimum code pitch requirements. Any discrepancies that arise, should be brought to the attention of the L.P.I. or myself. When a pump system is required, the tank and lift station shall be installed above the high water table.

4) If the use of appliances that contribute large amounts of wastewater (ie. clothes/dish washer, hot tub, etc.) becomes excessive, a separate disposal field should be designed and installed. Installation of a garbage disposal is not recommended.

5) Septic tank should be inspected frequently and pumped approximately every 3 years.

6) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on the HHE-200 without re-evaluation of the system.

7) Construction Details (see State Plumbing Code Section 11.D)
(a.) 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. All trees within 15 feet of disposal area shall be removed.
(b.) The bottom of the disposal area shall be level with a maximum grade tolerance of 1 inch per 100 feet.
(c.) Fill shall be clean, sandy loam, placed in 8 inch lifts and compacted as placed.
(d.) The finish grade of the backfill shall be 12 inches over the disposal area and extend 5 feet beyond the edge of the disposal area. At that point , the fill shall be sloped at a uniform grade of no greater that 25% (4:1) to the original ground.
(e.) The land adjacent to the disposal area shall be graded to prevent the accumulation of surface water.
(f) The finished disposal area and fill extensions shall be loamed, seeded, and mulched to prevent erosion. Woody shrubs or trees are not to be grown on the disposal area.

8) The general setback distance between a well and a septic tank or disposal field, serving a single family residence is 100 feet. The location of a new well that is within 100 feet of the proposed system may void this design.

9) All construction shall be inspected by the local plumbing inspector (L.P.I.) prior to backfilling.

10) If the owner or installer has questions, please do not hesitate to call.