

Town Copy

REPLACEMENT SYSTEM VARIANCE REQUEST

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.

GENERAL INFORMATION

Permit No. #1973 E Town of Augusta
 Date Permit Issued Sep. 14, 1990
MONTH/DAY/YEAR

Property Owner's Name: ESTATE OF JOSEPH TONDREAU Tel. No. _____

System's Location: MT VERNON RD. STREET
Augusta TOWN Maine ZIP _____

Property Owner's Address: RR #5 Box 1580 STREET
 (if different from above) Augusta TOWN Me STATE 04338 ZIP

SPECIFIC INSTRUCTIONS TO THE:

LPI:

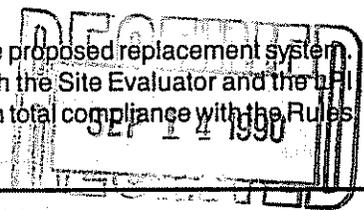
If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, they you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing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

Joseph L. Tondreau
 PROPERTY OWNER'S SIGNATURE

14 Sep 90
 DATE

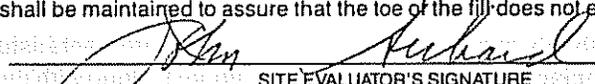
VARIANCE CATEGORY	VARIANCE REQUESTED	LIMIT OF LPI'S APPROVAL AUTHORITY		VARIANCE REQUESTED TO:			
SOILS							
Soil Profile	Ground Water Table	to 6"		}	inches		
Soil Condition	Restrictive Layer	to 6"			inches		
from HHE-200	Bedrock	to 10"			inches		
SETBACK DISTANCES (IN FEET)	FROM:	TREATMENT TANK	DISPOSAL 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 ^b	60 ^b				
	b. Property Owner's	25'	50'	50'-60'	60±		
	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 AS NEEDED TO AVOID PROPERTY LINE
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.


9-7-90

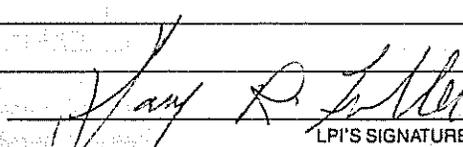
 SITE EVALUATOR'S SIGNATURE DATE

LPI STATEMENT

I, Jay R. Latta, LPI for the Town of Augusta 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: _____



 LPI'S SIGNATURE 9/14/90
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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS	
Town Or Plantation	Augusta
Street Subdivision Lot #	Mr. Vernon Rd.
PROPERTY OWNERS NAME	
Estate of	
Last: TONDREAU	First: JOSEPH
Applicant Name:	ROGER TONDREAU
Mailing Address of Owner/Applicant (if Different)	RR # 5 Box 1500 Augusta, ME 04330

AUGUSTA	Caution: Permit 1973 required TOWN COPY	
Date Permit Issued: 9.14.90	FEE: \$410.00	<input type="checkbox"/> Double Fee Charged
Local Plumbing Inspector Signature: Jay R. Laska	L.P.I. # 1850	ind

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: Jay R. Laska 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: Jay R. Laska Date Approved: Oct. 25, 1990

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM
(Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

SEASONAL CONVERSION
to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)

TYPE OF WATER SUPPLY

DRILLED WELL

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED 1950's

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER: _____ SPECIFY

SIZE OF PROPERTY: 21,300 sq ft ZONING: RURAL/RESIDENTIAL

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

2 BED/2000

DESIGN FLOW: 300 (GALLONS/DAY)

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1,000 GALS.

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>5</u>	<u>C</u>

DEPTH TO LIMITING FACTOR: 24

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED _____ Sq. Ft.
- CHAMBER 150 Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 8-29-90 (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: [Signature] SE# 181 Date: 9-7-90

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation

Augusta

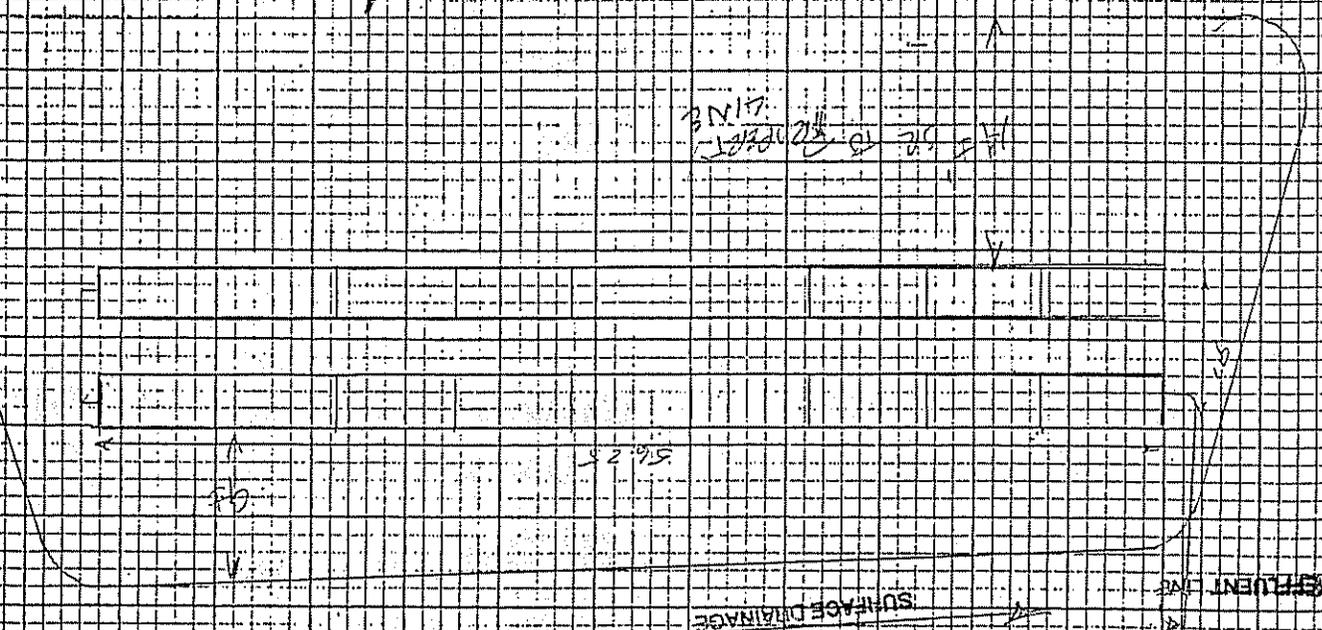
Street, Road, Subdivision

Mt Vernon RD

Owners Name

ESTATE OF V. J. JORDAN

SUBSURFACE WASTEWATER DISPOSAL PLAN



FILL REQUIREMENTS

2A. Depth of Fill (Upslope)
2B. Depth of Fill (Downslope)

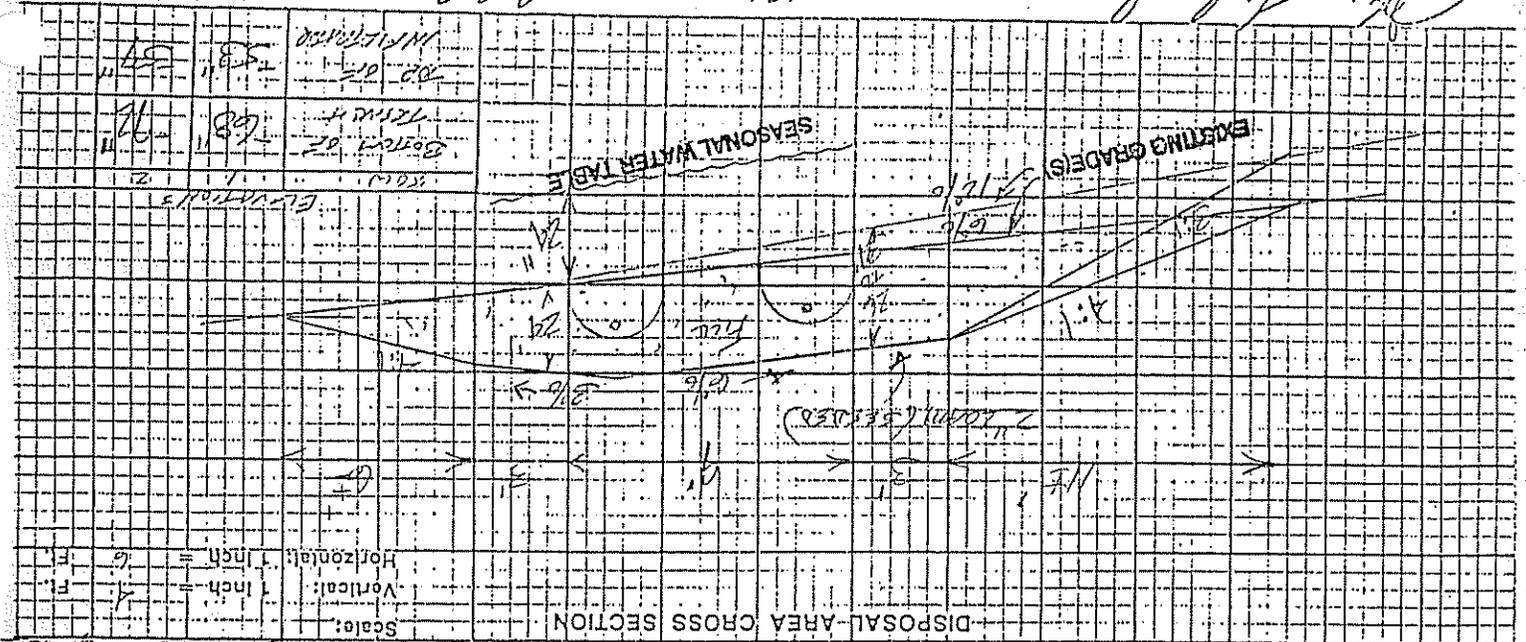
CONSTRUCTION ELEVATIONS

2A. Reference Elevation is
2B. Bottom of Disposal Area
2C. Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT

LOCATION & DESCRIPTION
FLAGGED NAIL IN AB
MADE TOP OF ABOVE GRADES

DISPOSAL AREA CROSS SECTION



Site Evaluator Signature

[Signature]

SE#

181

Date

9-9-90

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HHE-200 Rev. 1/70

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

MT VERNON RD.

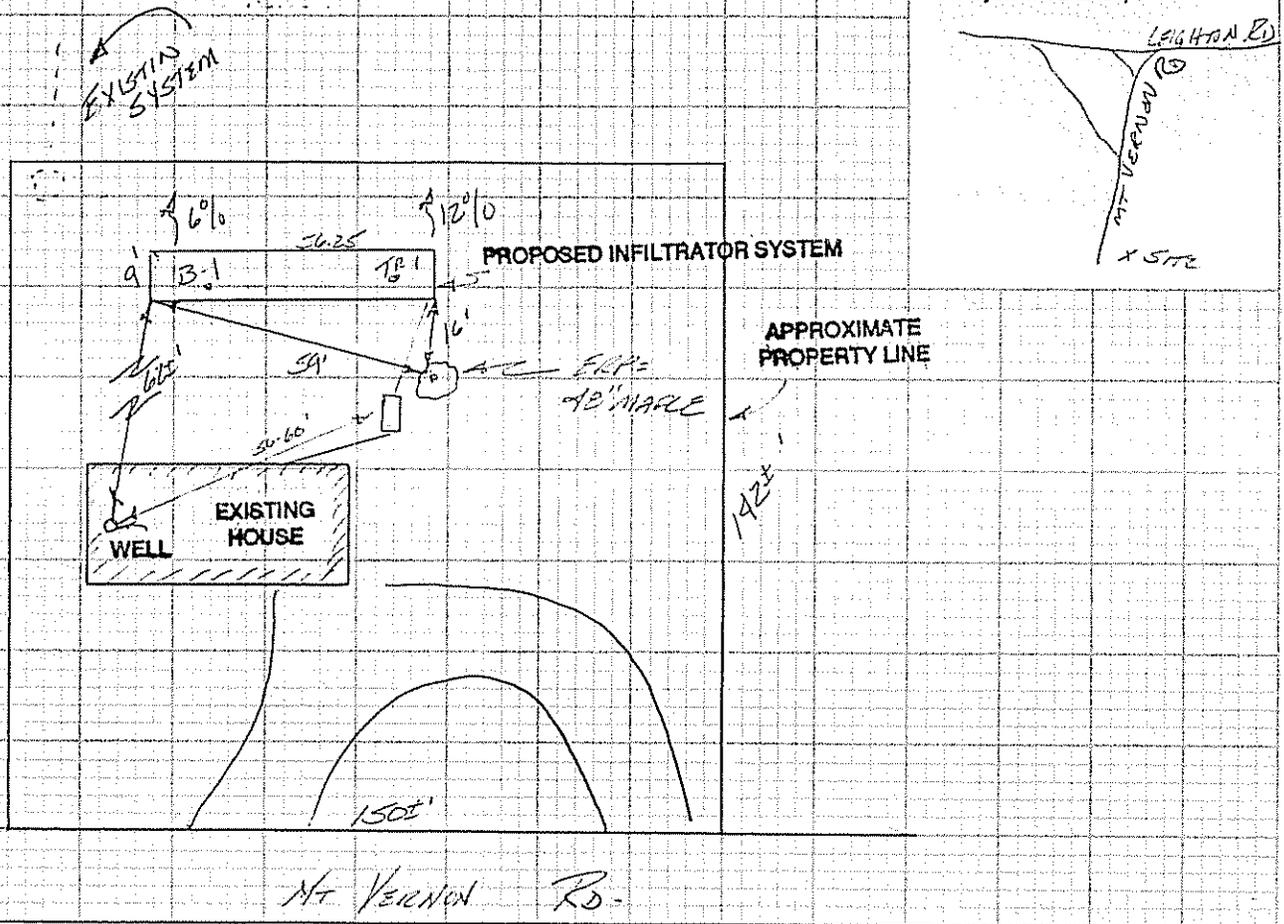
Owners Name

ESTATE OF J. TONDREAU

SITE PLAN

Scale 1" = 40 Ft.

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



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1 Test Pit Boring

N/A " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	<i>MEDIUM</i>	<i>FRIABLE</i>	<i>BROWN</i>	<i>NONE</i>
6	<i>SAND</i>			<i>EVIDENT</i>
15			<i>REDDISH BROWN</i>	
30				<i>COMMON</i>
30				<i>DISTINCT</i>

Soil Profile <u>S</u>	Classification Condition <u>C</u>	Slope <u>12</u> %	Limiting Factor <u>24</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole B-1 Test Pit Boring

N/A " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
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6	<i>SAND</i>			<i>EVIDENT</i>
15			<i>REDDISH BROWN</i>	
30				<i>COMMON</i>
30				<i>DISTINCT</i>

Soil Profile <u>S</u>	Classification Condition <u>C</u>	Slope <u>6</u> %	Limiting Factor <u>24</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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[Signature]
Site Evaluator Signature

181
SE#

9-7-90
Date

NOTES

1. All constructions shall conform to "State of Maine - Subsurface Wastewater Disposal Rules-Chapter 241" latest revision.
2. All fill shall be sandy loam or coarser, with sufficient fines for adequate compaction.
3. Wells shall be located a minimum of 100' from subsurface disposal systems. Systems shall be a minimum of 20' from any structure.
4. Property lines shown are as provided by owner and no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
5. A septic tank outlet filter is recommended when installing a mechanical garbage disposal.
6. Pump stations, when required, shall be installed watertight to prevent the infiltration of ground and/or surface water. Pumps shall be installed to manufacturers recommendations and sized for actual installed T.D.H.. For uninterrupted service during maintenance or repair, duplex pump systems are required.
7. Force mains and pressure lines shall be flushed of foreign material and pumps shall be checked for proper on/off cycle before being put into service.
8. Applicability of design must be re-evaluated when location of structures are substantially different than those shown on the site plan, or when other structures, additions or appurtenances (I.E. Swimming pools) are considered.
9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to the system.
10. Provide low profile septic tank when determined as necessary in the field. Septic tanks may be field located a minimum of 8' from any buildings.
11. A "Minimum Lot Size Variance" is required for any lot less than 20,000 square feet in area (unless grandfathered).
12. Force Mains, Pump Stations, and/or gravity piping subject to freezing shall be adequately insulated.
13. The LPI shall inform the owner and designer of any local ordinance exceeding the rules (Chapt-241) prior to issuing a permit, so that the application may be properly amended to conform to such ordinance.
14. All designs are subject to review by local, State, or Federal authority. Designers liability shall be limited to revisions required by regulatory agency.