

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

**PROPERTY ADDRESS**

Town Or Plantation: AUGUSTA

Street Division Lot #: CHURCH HILL RD.

**PROPERTY OWNERS NAME**

Last: HUTCHINS First: BRIAN

Applicant Name: \_\_\_\_\_

Mailing Address of Owner/Applicant (If Different): 101 ROSS RD  
KENNEBUNK ME 04043

**CAUTION: INSPECTION REQUIRED**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Date Permit Issued: AUGUSTA 4-15-90 \$ 2111.00 TOWN COPY FEE Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. # [Signature]

**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.

Brian T. Hutchins 4-3-90  
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: \_\_\_\_\_ Date Approved: \_\_\_\_\_

## PERMIT INFORMATION

<p><b>THIS APPLICATION IS FOR:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NEW SYSTEM</li> <li><input type="checkbox"/> REPLACEMENT SYSTEM</li> <li><input type="checkbox"/> EXPANDED SYSTEM</li> <li><input type="checkbox"/> EXPERIMENTAL SYSTEM</li> </ol> <p><b>SEASONAL CONVERSION</b> to be completed by the LPI</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SYSTEM COMPLIES WITH RULES</li> <li><input type="checkbox"/> CONNECTED TO SANITARY SEWER</li> <li><input type="checkbox"/> SYSTEM INSTALLED - P# _____</li> <li><input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED</li> </ol> <p><b>IF REPLACEMENT SYSTEM:</b> YEAR FAILING SYSTEM INSTALLED <u>N/A</u></p> <p>THE FAILING SYSTEM IS:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> BED</li> <li><input type="checkbox"/> CHAMBER</li> <li><input type="checkbox"/> TRENCH</li> <li><input type="checkbox"/> OTHER: _____</li> </ol>	<p><b>THIS APPLICATION REQUIRES:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NO RULE VARIANCE</li> <li><input type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form</li> <li><input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form             <ol style="list-style-type: none"> <li><input type="checkbox"/> Requiring Local Plumbing Inspector Approval</li> <li><input type="checkbox"/> Requires State and Local Plumbing Inspector Approval</li> </ol> </li> <li><input type="checkbox"/> MINIMUM LOT SIZE VARIANCE</li> </ol> <p><b>DISPOSAL SYSTEM TO SERVE:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SINGLE FAMILY DWELLING</li> <li><input checked="" type="checkbox"/> MODULAR OR MOBILE HOME</li> <li><input type="checkbox"/> MULTIPLE FAMILY DWELLING</li> <li><input type="checkbox"/> OTHER: _____ SPECIFY</li> </ol>	<p><b>INSTALLATION IS:</b></p> <p>COMPLETE SYSTEM</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NON-ENGINEERED SYSTEM</li> <li><input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet)</li> <li><input type="checkbox"/> ENGINEERED (+2000 gpd)</li> </ol> <p><b>INDIVIDUALLY INSTALLED COMPONENTS:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> TREATMENT TANK (ONLY)</li> <li><input type="checkbox"/> HOLDING TANK _____ GAL</li> <li><input type="checkbox"/> ALTERNATIVE TOILET (ONLY)</li> <li><input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY)</li> <li><input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY)</li> <li><input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</li> </ol> <p><b>TYPE OF WATER SUPPLY</b> <u>PROPOSED DRILLED WELL</u></p>
<p><b>SIZE OF PROPERTY</b> <u>30± ACRES</u></p>	<p><b>ZONING</b> <u>RESIDENTIAL</u></p>	

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p><b>TREATMENT TANK</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> SEPTIC: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Low Profile</li> <li><input type="checkbox"/> AEROBIC</li> </ol> <p>SIZE: <u>1,000</u> GALS.</p>	<p><b>WATER CONSERVATION</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NONE</li> <li><input type="checkbox"/> LOW VOLUME TOILET</li> <li><input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</li> <li><input type="checkbox"/> ALTERNATIVE TOILET</li> </ol> <p>SPECIFY: _____</p>	<p><b>PUMPING</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> NOT REQUIRED</li> <li><input type="checkbox"/> MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)</li> <li><input type="checkbox"/> REQUIRED</li> </ol> <p>DOSE: _____ GALS.</p>	<p><b>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</b></p> <p><u>MOBILE HOME</u> <u>SITE</u> <u>3-SITS @ 225</u> <u>- 20% REDUCTION AS</u> <u>NO. LAUNDRY</u> <u>180</u></p> <p>DESIGN FLOW: <u>180</u> (GALLONS/DAY)</p>				
<p><b>SOIL CONDITIONS USED FOR DESIGN PURPOSES</b></p> <table border="1" style="width: 100%;"> <tr> <th>PROFILE</th> <th>CONDITION</th> </tr> <tr> <td style="text-align: center;"><u>9</u></td> <td style="text-align: center;"><u>C</u></td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: <u>18</u></p>	PROFILE	CONDITION	<u>9</u>	<u>C</u>	<p><b>SIZE RATINGS USED FOR DESIGN PURPOSES</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> SMALL</li> <li><input type="checkbox"/> MEDIUM</li> <li><input type="checkbox"/> MEDIUM-LARGE</li> <li><input type="checkbox"/> LARGE</li> <li><input checked="" type="checkbox"/> EXTRA LARGE</li> </ol>	<p><b>DISPOSAL AREA TYPE/SIZE</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> BED _____ Sq. Ft.</li> <li><input checked="" type="checkbox"/> CHAMBER <u>450</u> Sq. Ft. <input checked="" type="checkbox"/> REGULAR <input type="checkbox"/> H-20</li> <li><input type="checkbox"/> TRENCH _____ Linear Ft.</li> <li><input type="checkbox"/> OTHER: _____</li> </ol>	
PROFILE	CONDITION						
<u>9</u>	<u>C</u>						

## SITE EVALUATOR STATEMENT

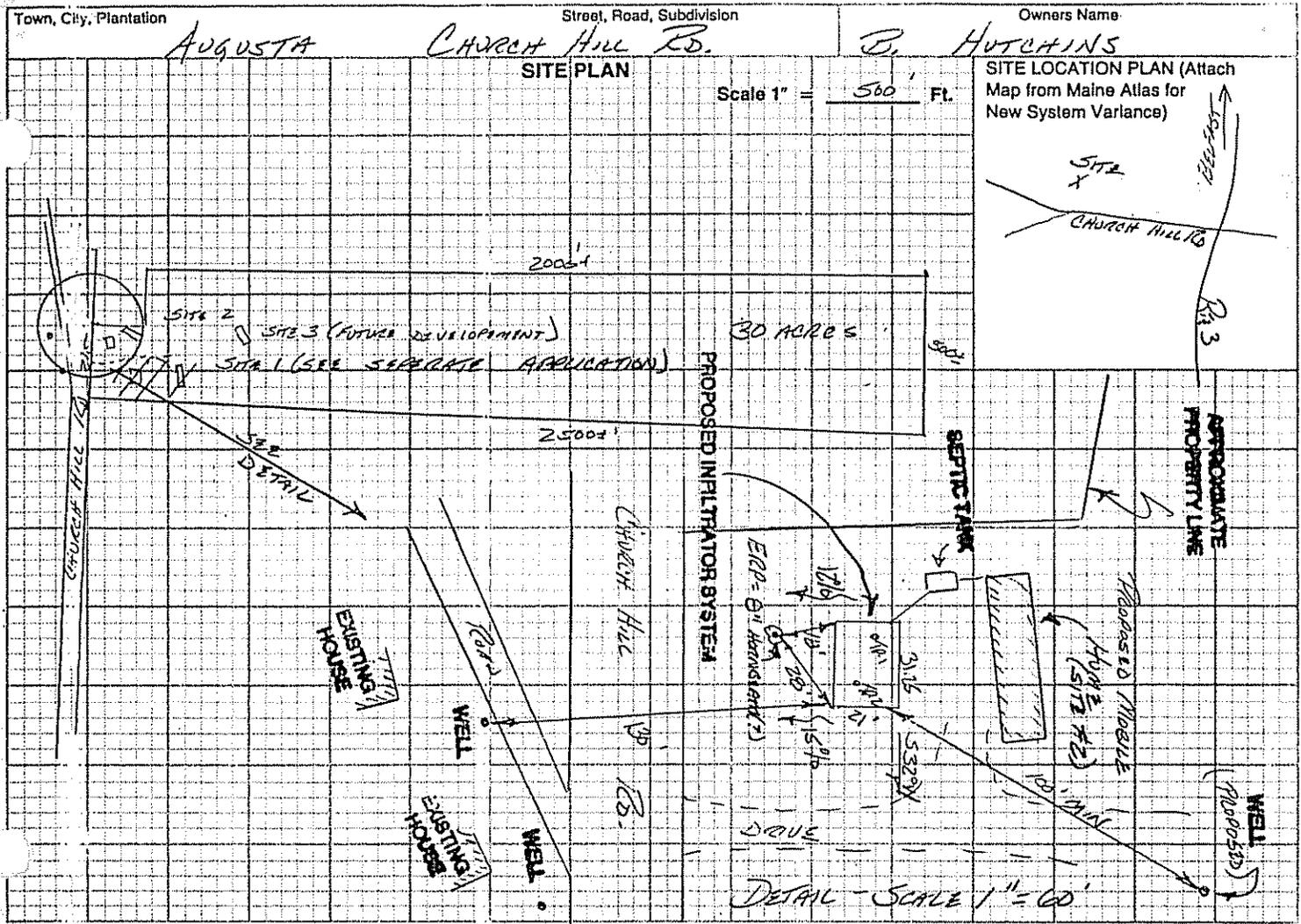
On 4-25-90 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

[Signature] 181 5-2-90  
Site Evaluator Signature SE# Date

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

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## 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	SILTY LOAM	FRIABLE	BROWN	NONE EVIDENT
6			REDDISH BROWN	
10				
15				
20	SILTY CLAY	FIRM	OLIVE BROWN	Common FAINT
30				TO Common
40				DISTINCT
50				

Soil Profile: 9 Classification: C Slope: 12% Limiting Factor: 18"

Ground Water  Restrictive Layer  Bedrock

Observation Hole TP-2  Test Pit  Boring

N/A " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SILTY LOAM	FRIABLE	BROWN	NONE EVIDENT
6			REDDISH BROWN	
10				
15				
20	SILTY CLAY	FIRM	OLIVE BROWN	Common FAINT
30				TO Common
40				DISTINCT
50				

Soil Profile: 9 Classification: C Slope: 15% Limiting Factor: 18"

Ground Water  Restrictive Layer  Bedrock

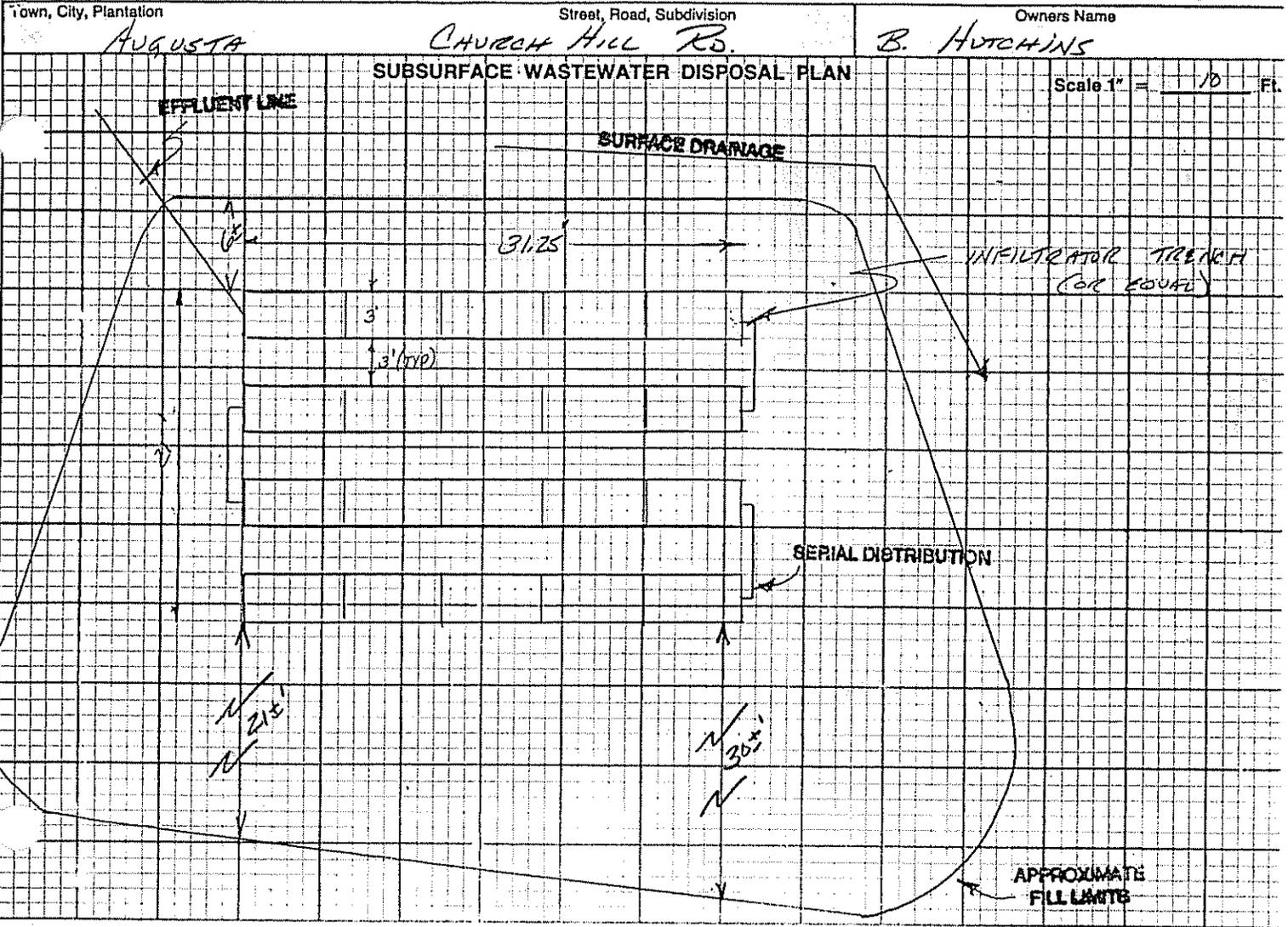
Site Evaluator Signature

SE#

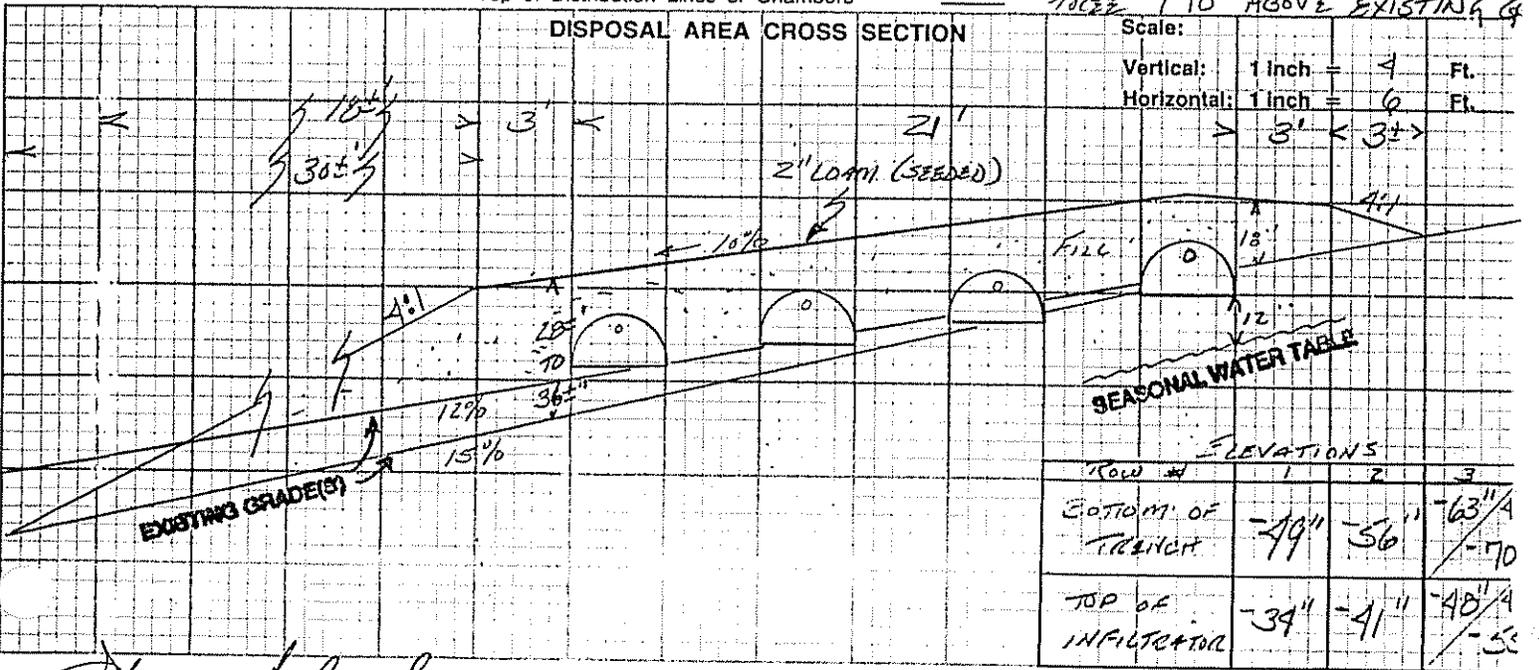
Date

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<b>FILL REQUIREMENTS</b>	<u>18"</u>	<b>CONSTRUCTION ELEVATIONS</b>	<u>00"</u>	<b>ELEVATION REFERENCE POINT LOCATION &amp; DESCRIPTION</b>
Depth of Fill (Upslope)	<u>18"</u>	Reference Elevation is	<u>00"</u>	
Depth of Fill (Downslope)	<u>28 to 36"</u>	Bottom of Disposal Area	<u>SEE BELOW</u>	SEE BELOW FLAGGED NAIL IN 8" HORNS!
		Top of Distribution Lines or Chambers	<u>" "</u>	TREE 7' 10" ABOVE EXISTING G



*John Richard*  
Site Evaluator Signature

181  
SE#

5-2-90  
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.