

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 #: Old Churchill Rd

PROPERTY OWNERS NAME

Last: Coe First: Donald

Applicant Name: (Same)

Mailing Address of Owner/Applicant (If Different): RFD 1 Box 1105 Augusta Me 04330

M 7 L 1 9

AUGUSTA **PLUMBING PERMIT #** 1,053 TOWN COPY

Date Permit Issued: 5/26/87 \$ 1,000 If Double Fee Charged

[Signature] L.P.I. # 1009

Local Plumbing Inspector 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.

[Signature] 5/26/87

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.

[Signature] 10-28-87

Local Plumbing Inspector Signature Date Approved

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

DISPOSAL SYSTEM TO SERVE:

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

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM: unknown

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: unknown

SIZE OF PROPERTY: 2 ac. ZONING: rural

TYPE OF WATER SUPPLY

Drilled Well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

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

SPECIFY: _____

PUMPING

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

DOSE: _____ GALS.

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

3 Bedroom minimum flow

DESIGN FLOW: 270 GALLONS/DAY

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>0</u>	<u>D</u>

DEPTH TO LIMITING FACTOR: 8' corrected

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

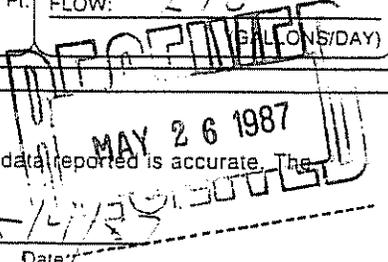
- BED 1360 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 - REGULAR
 - H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 5/21/87 (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] 201 5/21/87

Site Evaluator Signature SE# Date



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Town, City, Plantation

Augusta

Street, Road, Subdivision

"Old" Churchill Rd

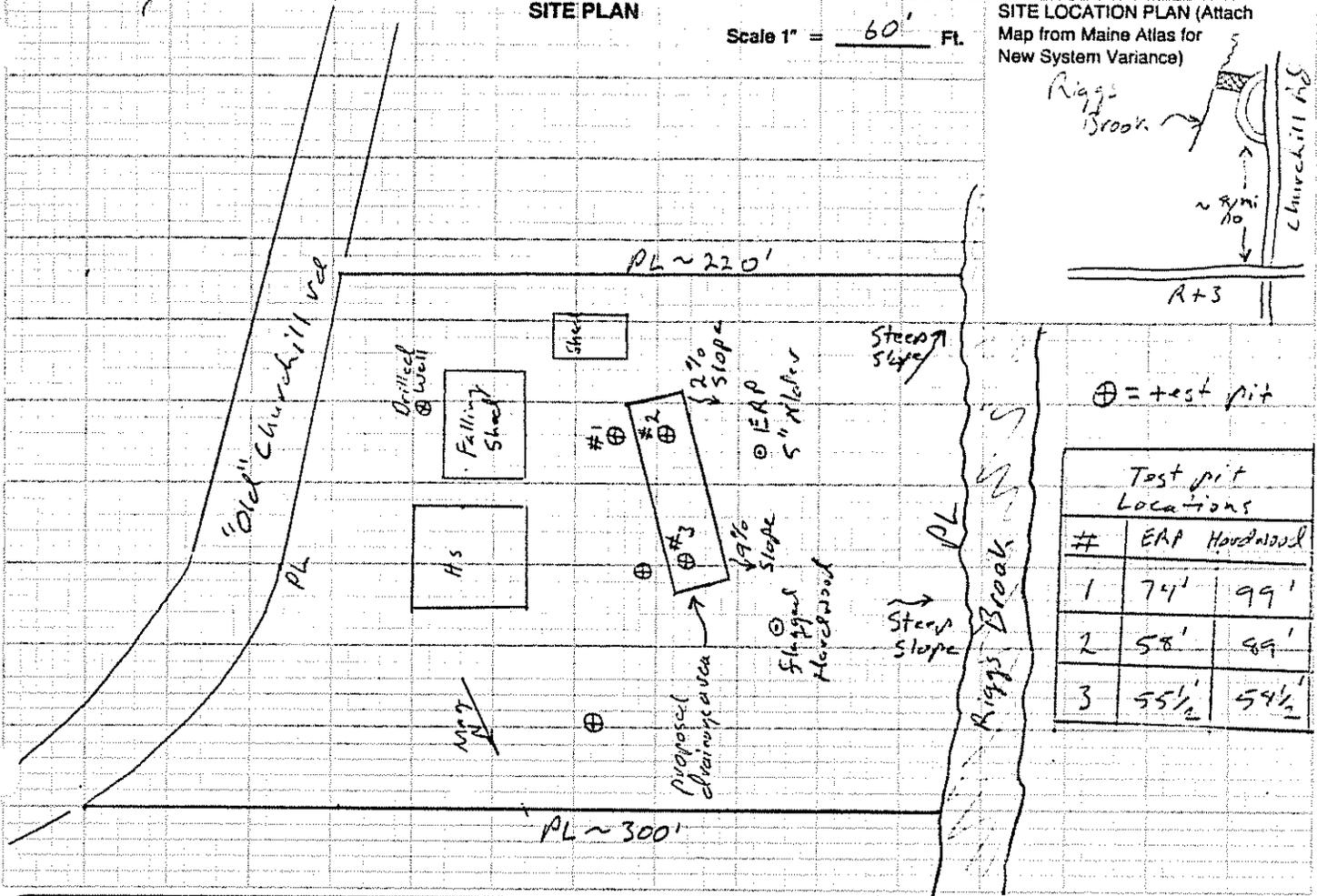
Owners Name

Donald Coe

SITE PLAN

Scale 1" = 60' Ft.

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



⊕ = test pit

Test pit Locations		
#	EAP	Handhaul
1	74'	99'
2	58'	99'
3	55 1/2'	54 1/2'

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP #1 Test Pit Boring
0" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0-6	Gravelly Silt Loam	Friable	Med Br	Fill
6-20	Sandy loam		or Br	
20-30	Silt Loam	Firm	Black	Prominent Distinct
30-50				

Soil Profile: <u>9</u>	Classification: <u>E</u>	Slope: <u>3</u> %	Limiting Factor: <u>3</u>	<input checked="" type="checkbox"/> Ground Water
	Condition: <u>E</u>			<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock

Observation Hole TP #2 Test Pit Boring
0" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0-6	Gravelly Sandy Loam			
6-30	Lg Rock	Friable		Fill
30-50				

Soil Profile: <u>Fill</u>	Classification: <u>Fill</u>	Slope: <u>3</u> %	Limiting Factor: <u>3</u>	<input type="checkbox"/> Ground Water
	Condition: <u>Fill</u>			<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock

Hanson Beynon
Site Evaluator Signature

201
SE#

5/16/87
Date

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Street, Road, Subdivision

Old Church Hill Rd

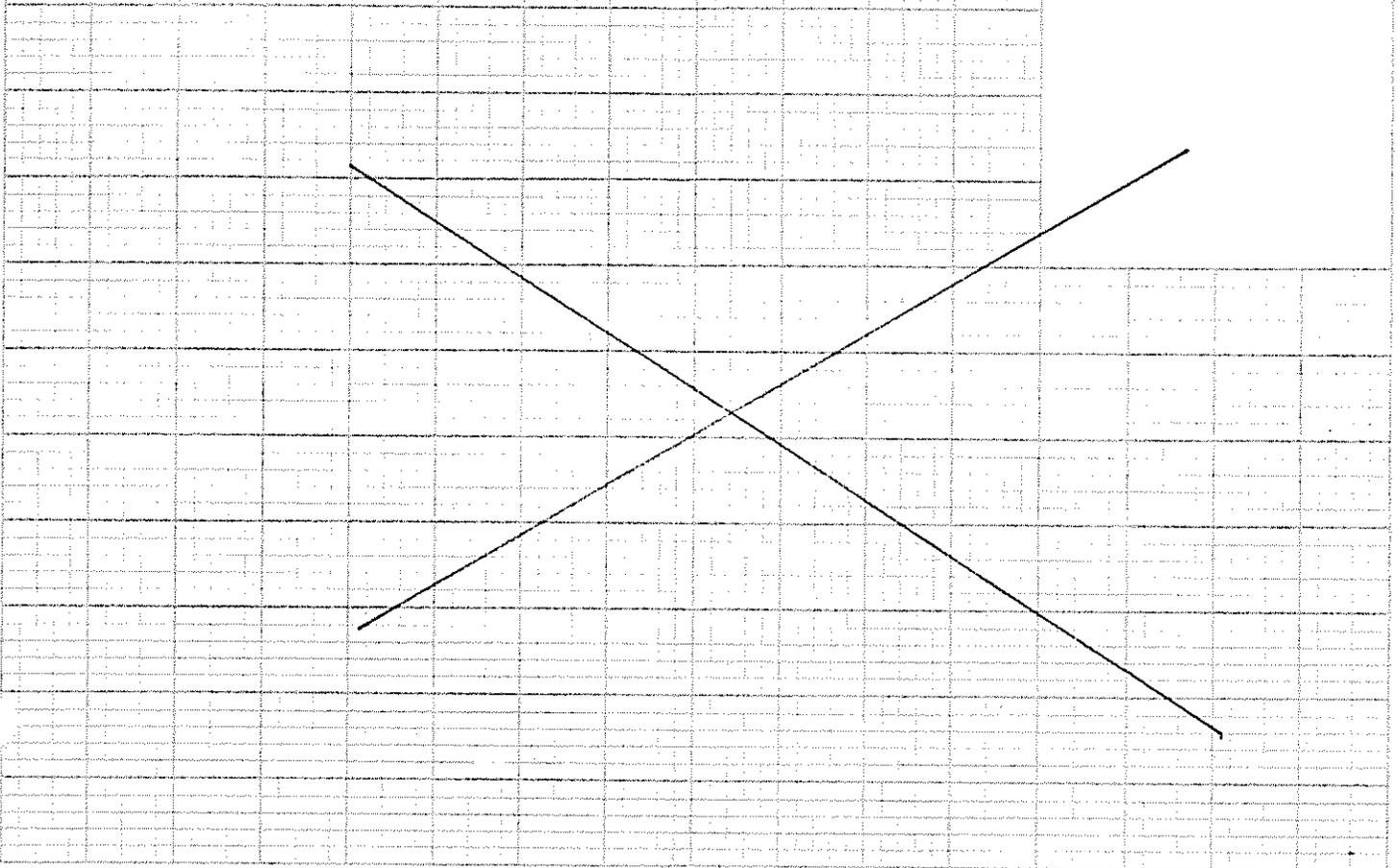
Owners Name

Donald Coe

SITE PLAN

Scale 1" = _____ 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 #3 Test Pit Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0				
6	Silt Loam	Variable	And Br	Common Distinct
10				
15				
20	Silt Cl Loam	Firm	0+Gr	Prominent Distinct
30				
40				
50				

Soil Profile <u>9</u>	Classification Condition <u>0</u>	Slope <u>9</u> %	Limiting Factor <u>8</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole _____ Test Pit Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

Soil Profile _____	Classification Condition _____	Slope _____ %	Limiting Factor _____	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Hamilton Bentley
Site Evaluator Signature

201
SE#

5/16/87
Date

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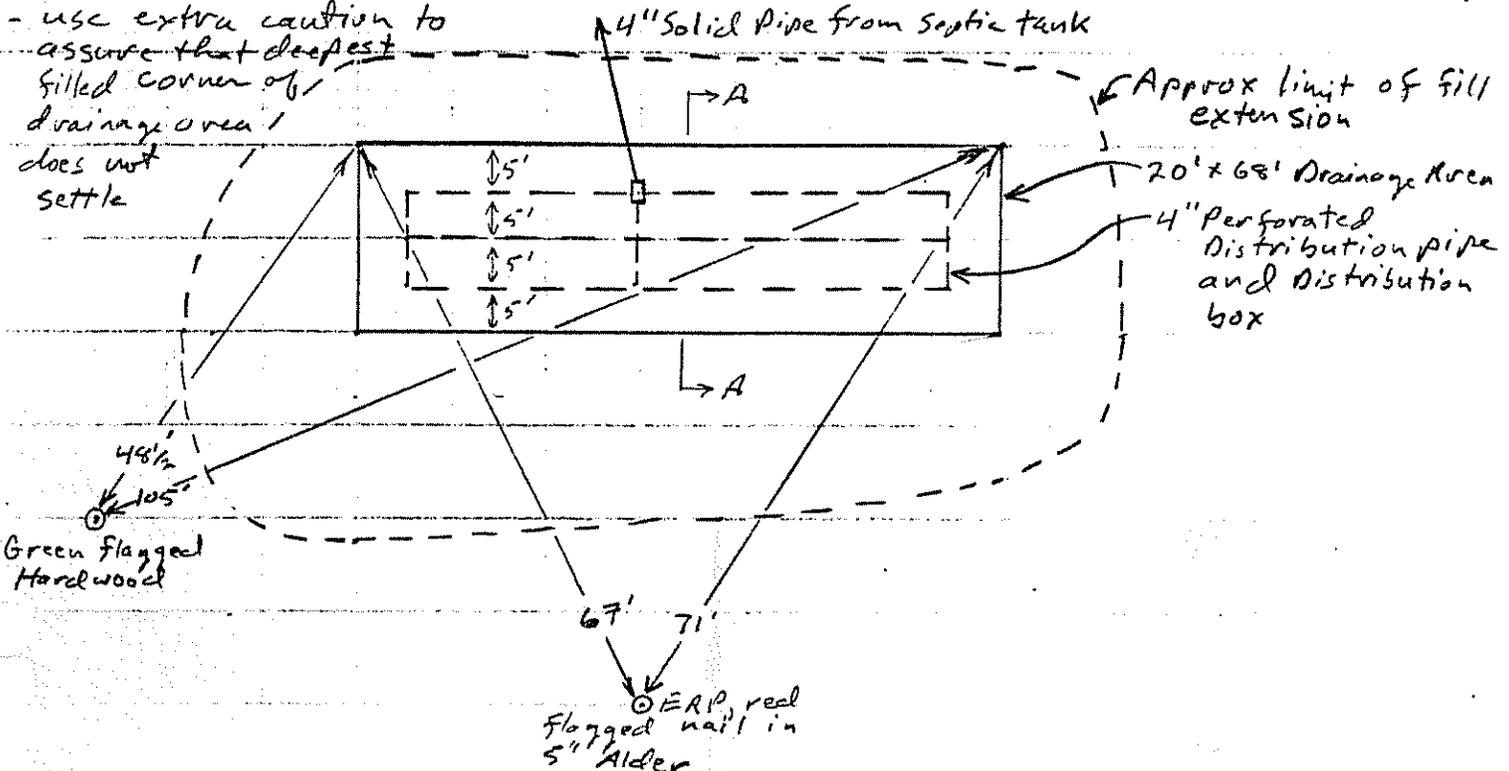
Owners Name

Donald Coe

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.

- All construction to be in accordance w/ state Plumbing Code
- Final grade to at least minimum show plus any necessary to prevent surface water runoff from ponding.
 - septic tank to be at least 70' from well and at least 8' from buildings
 - use extra caution to assure that deepest filled corner of drainage area does not settle

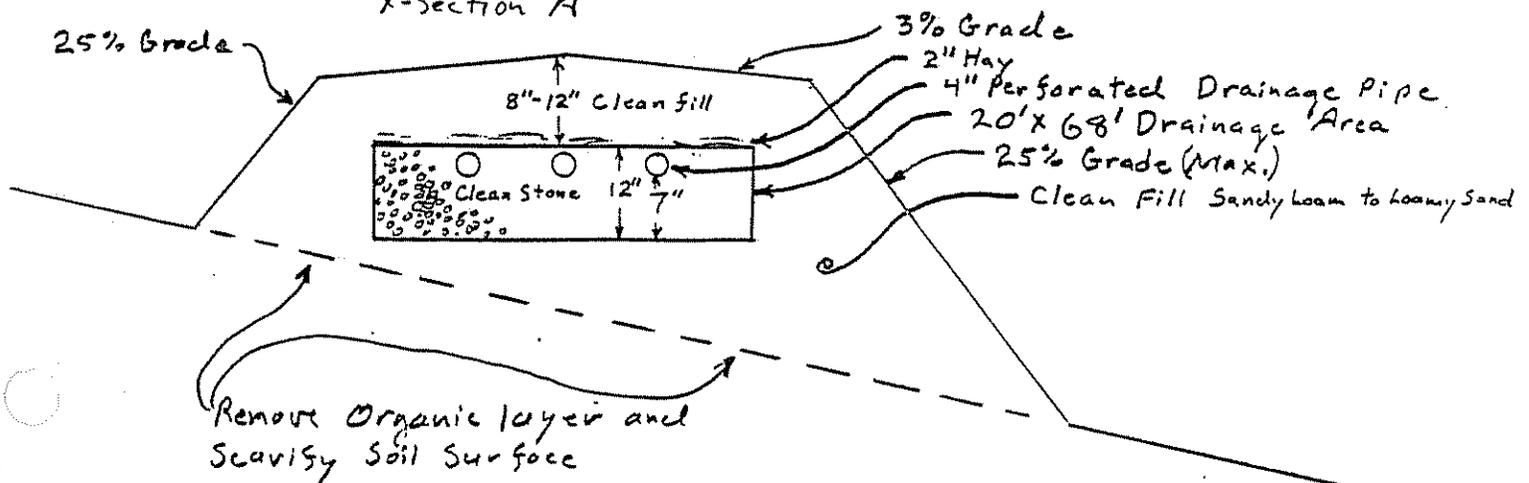


FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION	
Depth of Fill (Upslope)	26"	Reference Elevation is	0'00"	ERA is red flagged nail in 5" Alder shown above	
Depth of Fill (Downslope)	38"	Bottom of Disposal Area	-26"		
		Top of Distribution Lines or Chambers	-15"		

DISPOSAL AREA CROSS SECTION



X-Section A



Harmon Beaman
Site Evaluator Signature

201
SE#

5/16/97
Date

Variance Category	Variance Requested	Limit of LPI's Approval Authority		Variance Requested to:	
Soils				corrected 6/9/87 HCB	
Soil Profile	Ground Water Table	to 6"		8"	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	300		
	2. Well:<2000 gal/day				
	a. Neighbor's	100 ^(B)	100 ^(B)		
	b. Property Owner's	50'	60'	70'	65'
	3. Water Supply Line	10'	10'		
Waterbodies	1. Perennial	60' ^(C)	60'		82'
	2. Intermittent	25'	25'		
	3. Manmade drainage ditch	15'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10' ^(C)		
Buildings	1. With basement	8'	15'		
	2. Without basement	8'	10'		
Property Line		5'	5' ^(D)		

Other Specify:

Footnotes:

- a. A variance to reduce the 100 foot setback distance to a minimum of 80 feet may be granted only with the neighbor's written permission.
- b. Sufficient distance shall be maintained to assure that the toe of the fill does not extend beyond the 3:1 slope or property line.
- c. May be reduced to 25' provided treatment tank is tested to be water tight in the presence of the Local Plumbing Inspector.

Harrison Stephen
Site Evaluator's Signature

5/10/87
Date

LPI Statement

I, George A. Sweeney Jr., LPI for 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 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, do not approve) 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. (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:

George A. Sweeney Jr.
LPI's Signature

6-9-87
Date

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.

Duke [Signature]
Property Owner's Signature

5/27/87
Date