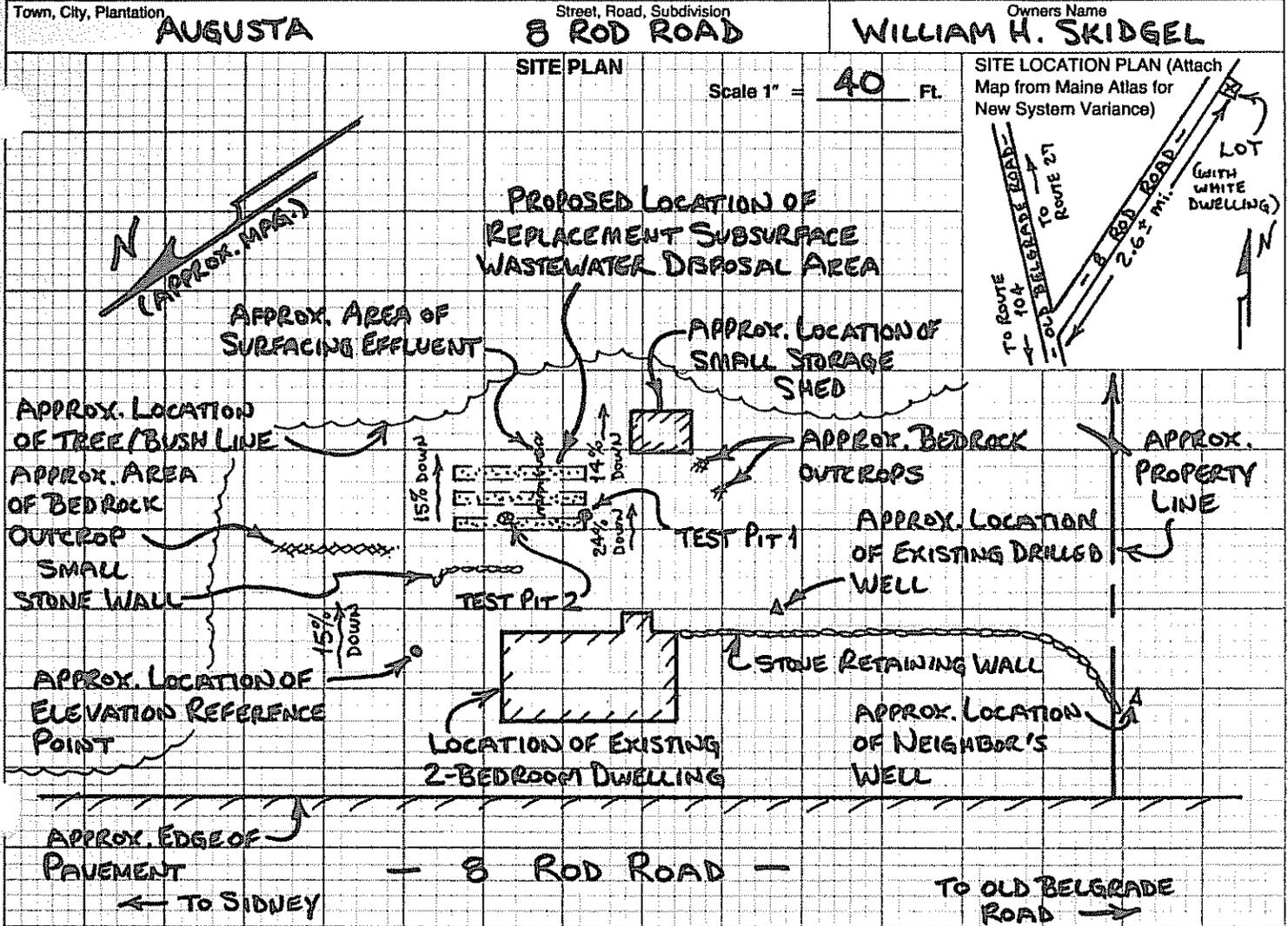




# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering



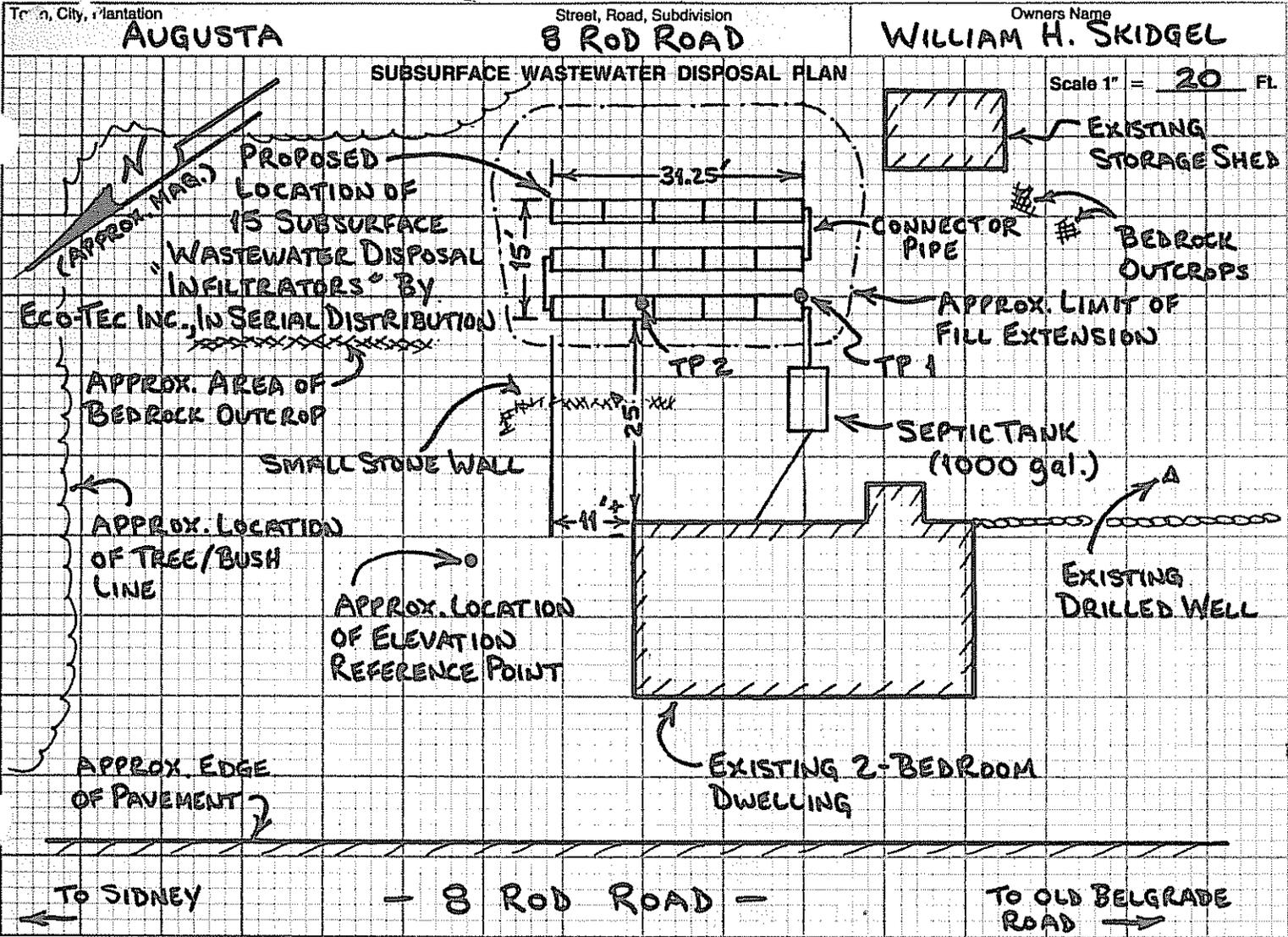
SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)			
Observation Hole <u>1</u> <input checked="" type="checkbox"/> Test Pit <input type="checkbox"/> Boring		Observation Hole <u>2</u> <input checked="" type="checkbox"/> Test Pit <input type="checkbox"/> Boring	
<u>1/2</u> " Depth of Organic Horizon Above Mineral Soil		<u>1/2</u> " Depth of Organic Horizon Above Mineral Soil	
Texture	Consistency	Color	Mottling
0		DARK BROWN	
6		BROWN	
10	FRIABLE	STONY BROWN	
15		YELLOWISH BROWN	
20		OLIVE BROWN	
30		OLIVE	COMMON DISTINCT
40			
50			
Soil Profile <u>2</u>	Classification <u>C</u> Condition	Slope <u>24 ± %</u>	Limiting Factor <u>30</u>
		<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock	
0		DARK BROWN	
6		BROWN	
10	FRIABLE	YELLOWISH BROWN	
15		OLIVE BROWN	
20		OLIVE BROWN	
30		OLIVE GRAY	COMMON DISTINCT
40			
50			
Soil Profile <u>2</u>	Classification <u>C</u> Condition	Slope <u>15 %</u>	Limiting Factor <u>30</u>
		<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock	

*William J. Noble*  
Site Evaluator Signature

75  
SE#

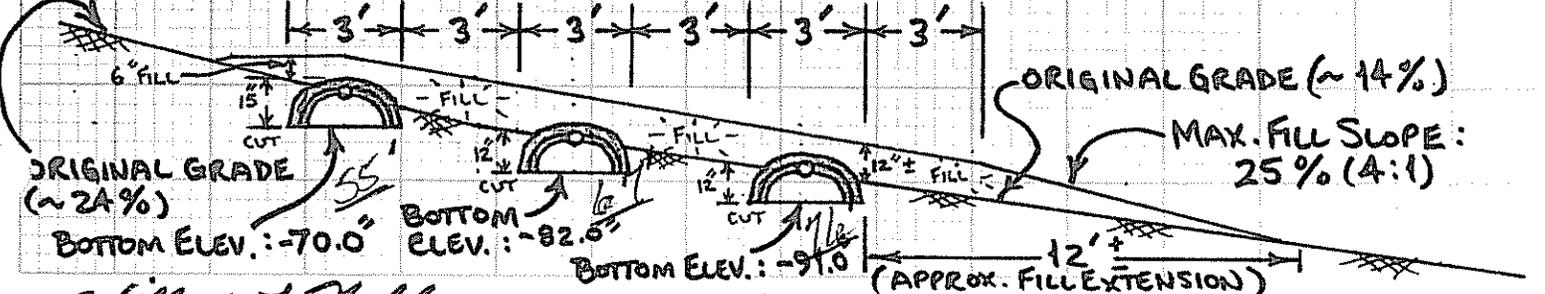
11-3-87  
Date

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	6" Reference Elevation is	NAIL WITH ORANGE FLAGGING IN LOCUST TREE, 37' ABOVE GROUND LEVEL AT TREE BASE.
Depth of Fill (Downslope)	2 ±" Bottom of Disposal Area (SEE CROSS-SECTION BELOW)	
(CROSS-SECTION THROUGH TP 1 AREA)	Top of Distribution Lines or Chambers	

- NOTES:**
1. INSTALL "INFILTRATORS" AS DIRECTED BY ECO-TEC, INC.
  2. BACKFILL & PERIMETER FILL TO BE SANDY LOAM IN TEXTURE.
  3. GRADE LAND AROUND INFILTRATORS TO DIVERT ANY WATER FROM AREA.
  4. REMOVE ANY ORGANIC LAYER & SCARIFY THE SOIL SURFACE BEFORE INSTALLING FILL.
  5. REQUIRED FILL DEPTHS MAY VARY FROM THOSE SHOWN DUE TO IRREGULARITIES IN SOIL SURFACE.
  6. BOTTOM OF INFILTRATORS TO BE LEVEL WITH MAX. GRADE TOLERANCE OF 1" PER 100'.
  7. LOCATE TEST PITS ON THE LOT & POSITION INFILTRATORS OVER PITS AS SHOWN IN ABOVE PLAN.
  8. FINISH GRADE TO BE SEED & MULCHED PER SECTION 11. D OF THE SSWD RULES.
  9. FILL DEPTH OVER CENTERLINE OF EACH INFILTRATOR ROW TO BE MIN. OF 6".



William J. Noble  
Site Evaluator Signature

75  
SE#

Date

Town Copy

NOTE: Requires local approval only

# 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 is in noncompliance 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 with LPI approval limitations can be met.

1. The replacement system is correcting a malfunction or an unlicensed wastewater discharge system.
2. A replacement 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 does not conflict with Seasonal Conversion Permit (30 MRSA § 3223) or with Mandatory Shoreland Zoning (12 MRSA § 4811).
6. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.
7. Soil and setback distances are within approval authority of the LPI.

## GENERAL INFORMATION

Town of Augusta

Permit No. 1234567890

Date Permit Issued      /      /       
month/day/year

Property Owner's Name: William H. Skidgel Tel. No. 622-4203

System's Location: 8 Rod Road, Box 1097  
Street

Augusta MAINE 04330  
Town Zip

Property Owner's Address: (if different from above) (same as above)  
Street

     Town      State      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, then 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.

## 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

Variance Category	Variance Requested	Limit of LPI's Approval Authority		Variance Requested to:	
<b>Soils</b>					
Soil Profile	Ground Water Table	to 6"		inches	
Soil Condition	Restrictive Layer	to 6"		inches	
from HHE-200	Bedrock	to 10"		inches	
<b>Setback Distances</b> (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 <sup>(a)</sup>	100 <sup>(a)</sup>		
	b. Property Owner's	25'	50'	50'	50'
	3. Water Supply Line	10'	10'		
Waterbodies	1. Perennial	60' <sup>(c)</sup>	60'		
	2. Intermittent	25'	25'		
	3. Manmade drainage ditch	15'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10' <sup>(b)</sup>		
Buildings	1. With basement	8'	15'		
	2. Without basement	8'	10'		
Property Line		5'	5' <sup>(b)</sup>		

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.

William J. Noble  
Site Evaluator's Signature

11-3-87  
Date

**LPI Statement**

I, Gary R. Fulke, 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:

Gary R. Fulke  
LPI's Signature

11/13/87  
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.

William J. Noble  
Property Owner's Signature

\_\_\_\_\_  
Date