

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Waterboro

Street, Road, Subdivision

Route 5

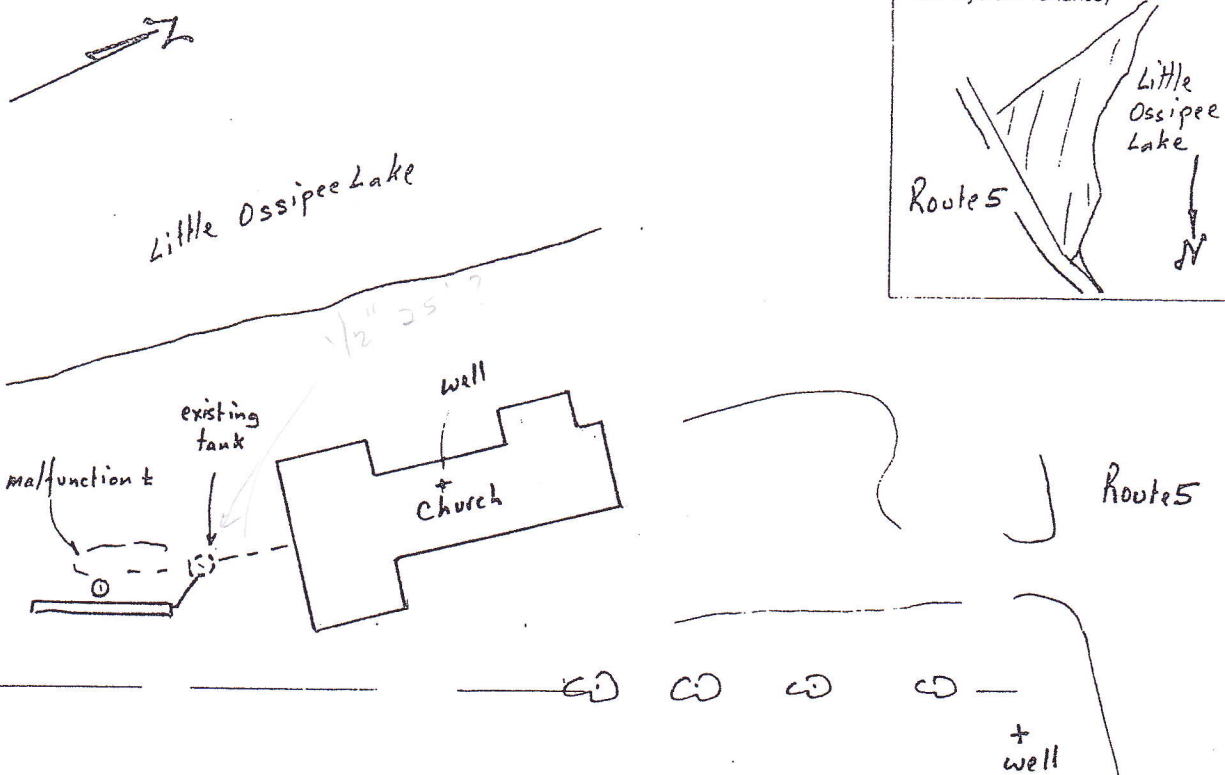
Owners Name

St Stephen Church

SITE PLAN

Scale 1" = 50 ± Ft.

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



NOTE:
Property to the north of the church is too close to the neighbor's well and the lake.

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole 1 Test Pit Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	sandy loam		2/2	
6	loamy sand		4/6	
10	loamy sand			
15	sand			
20		loose	10YR	
30				
40	med sand		5/4	
50				

Soil Profile 6 Classification B Slope 2 ± % Limiting Factor 60
 Ground Water
 Restrictive Layer
 Bedrock

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 _____ Slope _____ % Limiting Factor _____
 Ground Water
 Restrictive Layer
 Bedrock

John E. Nose

7

8/27/93

VARIANCE CATEGORY	VARIANCE REQUESTED	LIMIT OF LPI'S APPROVAL AUTHORITY		VARIANCE REQUESTED TO:	
		TREATMENT TANK	DISPOSAL AREA	TREATMENT TANK	DISPOSAL AREA
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'		70'
	3. Water Supply Line	See note 'a'			
Waterbodies	1. Perennial	50'	60'		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'		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.

John E. Large
SITE EVALUATOR'S SIGNATURE

8/27/93
DATE

LPI STATEMENT

I, V. A. Foglio, LPI for the Town of Waterbury 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: _____

V. A. Foglio
LPI'S SIGNATURE,

11-18-93
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

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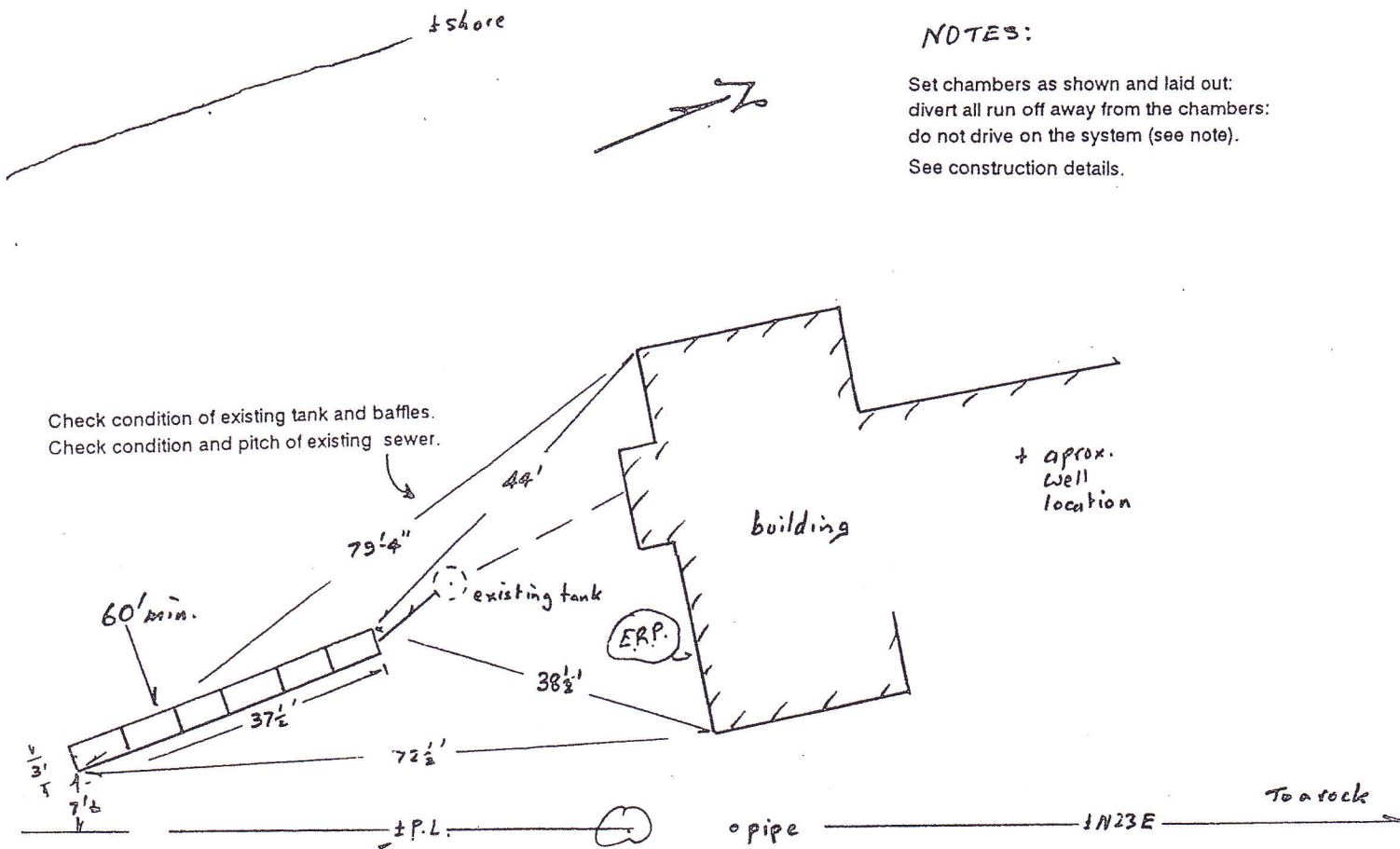
RT 5

Owners Name

St. Stephens Church

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



NOTES:

Set chambers as shown and laid out:
divert all run off away from the chambers:
do not drive on the system (see note).
See construction details.

Check condition of existing tank and baffles.
Check condition and pitch of existing sewer.

± approx. Well location

Property lines vague; should be verified.
Locations of neighbors wells should be verified.

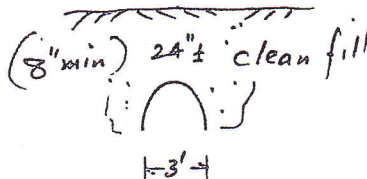
Check before proceeding

FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	Reference Elevation is	100'-0"
Depth of Fill (Downslope)	Bottom of Disposal Area	95'-6"
	Top of Distribution Lines or Chambers	96'-9"
		bottom of siding

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 10 Ft.



PLASTIC CHAMBERS:

	Infiltrator	Bio-Diffuser
Area:	34" x 76"	34" x 76"
Height:	15"	14"
H-10 cover:	6"+	12"+
H-20 cover:		17"+

NOTES:

Install as per manufacturer's specifications.

Use H-20 chambers if in traffic area.

Standard detail, to be adapted to site conditions.

Adjust top elevation and cover to suit.

John E. Nage

Site Evaluator or Professional Engineer's Signature

7

SE # / PE #

8/27/93

Date

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