

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)287-6672 FAX (207)287-4172

PROPERTY LOCATION

Town or Plantation: **AUGUSTA**
 Street or Subdivision Lot #: **OLD BELGRADE ROAD**

PROPERTY OWNERS NAME
 Last: **DUTIL** First: **LAWRENCE**

Applicant's Name: **337 NORTHERN AVE**
 Mailing Address of Owner: **AUGUSTA, ME 04330**

Daytime Tel. #: **622-0535**

AUGUSTA 3968 TOWN COPY
 Date Permit Issued: 10/25/98 \$ 100.00 FEE If Double Fee Charged
 Local Plumbing Inspector Signature: [Signature] L.P.I. # 828

Municipal Tax Map # 76 Lot # 12

Owner Statement

I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Lawrence Dutil
 Signature of Owner/Applicant

Caution: Inspection Required

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

7/25/98 Date
[Signature] Local Plumbing Inspector Signature
7/25/98 Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION:

- First Time System
- Replacement System
Type Replaced TRENCH
Year Installed 50'S
- Expanded System
 a. one-time exempted
 b. non-exempted
- Experimental System
- Seasonal Conversion

THIS APPLICATION REQUIRES:

- No Rule Variance
- First Time System Variance
 a. Local Plumbing Inspector approval
 b. State & Local Plumbing Inspector approval
- Replacement System Variance
 a. Local Plumbing Inspector approval
 b. State & Local Plumbing Inspector approval
- Minimum Lot Size Variance
- Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S):

- Non-Engineered System
- Primitive System (graywater & alt. toilet)
- Alternative Toilet _____
- Non-Engineered Treatment Tank
- Holding Tank _____ Gallons
- Non-Engineered Disposal Area (only)
- Separated Laundry System
- Engineered System (+2000 gpd)
- Engineered Treatment Tank (only)
- Engineered Disposal Area (only)
- Pretreatment

SIZE OF PROPERTY

1 ACRE

DISPOSAL SYSTEM TO SERVE:

- Single Family Dwelling Unit
- Multiple Family Dwelling Unit
Number of Units _____
- OTHER _____

SHORELAND ZONING

Yes No

TYPE OF WATER SUPPLY

CITY WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- Concrete
 a. Regular
 b. Low Profile
 - Plastic
 - Other _____
- SIZE: **1000** Gallons

DISPOSAL AREA TYPE/SIZE

- Bed **1500** Sq. Ft.
- Proprietary Device _____ Sq. Ft.
 Clustered Linear
 Regular H-20
- Trench
- Other _____

GARBAGE DISPOSAL UNIT

- No
- Yes
 Multi-compartment Tank
 Tank in Series
 Increase in tank capacity
 Filter on Tank Outlet
RECOMMENDED

CRITERIA USED FOR DESIGN FLOW
(Show Calculations)

4 BEDROOM HOME

PROFILE & DESIGN CLASS

PROFILE: **8** DESIGN: **D**
 DEPTH TO MOST LIMITING FACTOR: **13** "

DISPOSAL AREA SIZING

- Small - 2.00
- Medium - 2.60
- Medium-Large - 3.30
- Large - 4.10
- Extra-Large - 5.00

PUMPING

- Not Required
- May Be Required
- Required

DOSE _____ Gallons

DESIGN FLOW: **360**
(Gallons/Day)

SITE EVALUATOR'S STATEMENT

On 5 / 12 / 98 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

William P Brown
 Site Evaluator Signature
WILLIAM P BROWN
 Print Name

188
 SE#
293-2110
 Telephone

5/12/98
 Date

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Division of Health Engineering
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Town, City, Plantation

Street, Road, Subdivision

Owners Name

AUGUSTA

OLD BELGRADE ROAD

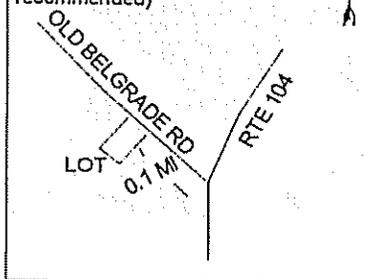
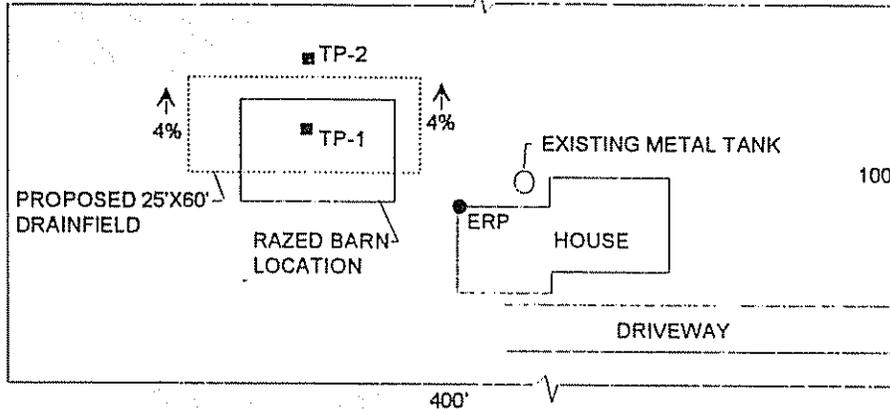
LAWRENCE DUTIL

SITE PLAN

Scale 1" = 50 Ft.

SITE LOCATION PLAN

(Map from Maine Atlas recommended)



ERP TO TP-1 = 43'
ERP TO TP-2 = 53'

A PORTION OF THE SYSTEM WILL BE LOCATED ON THE SITE OF A BARN WHICH WAS RAZED IN 1953. IT APPEARS THAT THE BARN WAS BUILT ON ORIGINAL GROUND AND SUPPORTED BY GRANITE BLOCKS. THE SOIL IN THIS AREA HAS SIMILAR CHARACTERISTICS AS TEST PIT 2 WHICH IS SLIGHTLY AWAY FROM THE BARN LOCATION. THE AREA IS FREE OF ORGANICS IN THE SOIL AND IS CONSIDERED EQUIVALENT TO ORIGINAL SOIL FOR DESIGN PURPOSES

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

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

Observation Hole TP-2 Test Pit Boring
1" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	LOAM	FRIABLE	MEDIUM BROWN	
10				NONE COMMON
20	SILT LOAM W/ SAND	FIRM	OLIVE BRN	
30				
40				
50				

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	LOAM W/ STONES	FRIABLE	MEDIUM BROWN	
10			YELLOW BROWN	NONE COMMON
20	SILT LOAM W/ SAND	FIRM	LIGHT BROWN	
30			OLIVE BRN	
40				
50				

Soil Classification 8 Profile	Slope 4 %	Limiting Factor 13 "	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
D Condition			

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WILLIAM P BROWN

Site Evaluator Signature

William P Brown

188

SE #

5/12/98

Date

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Owners Name

AUGUSTA

OLD BELGRADE ROAD

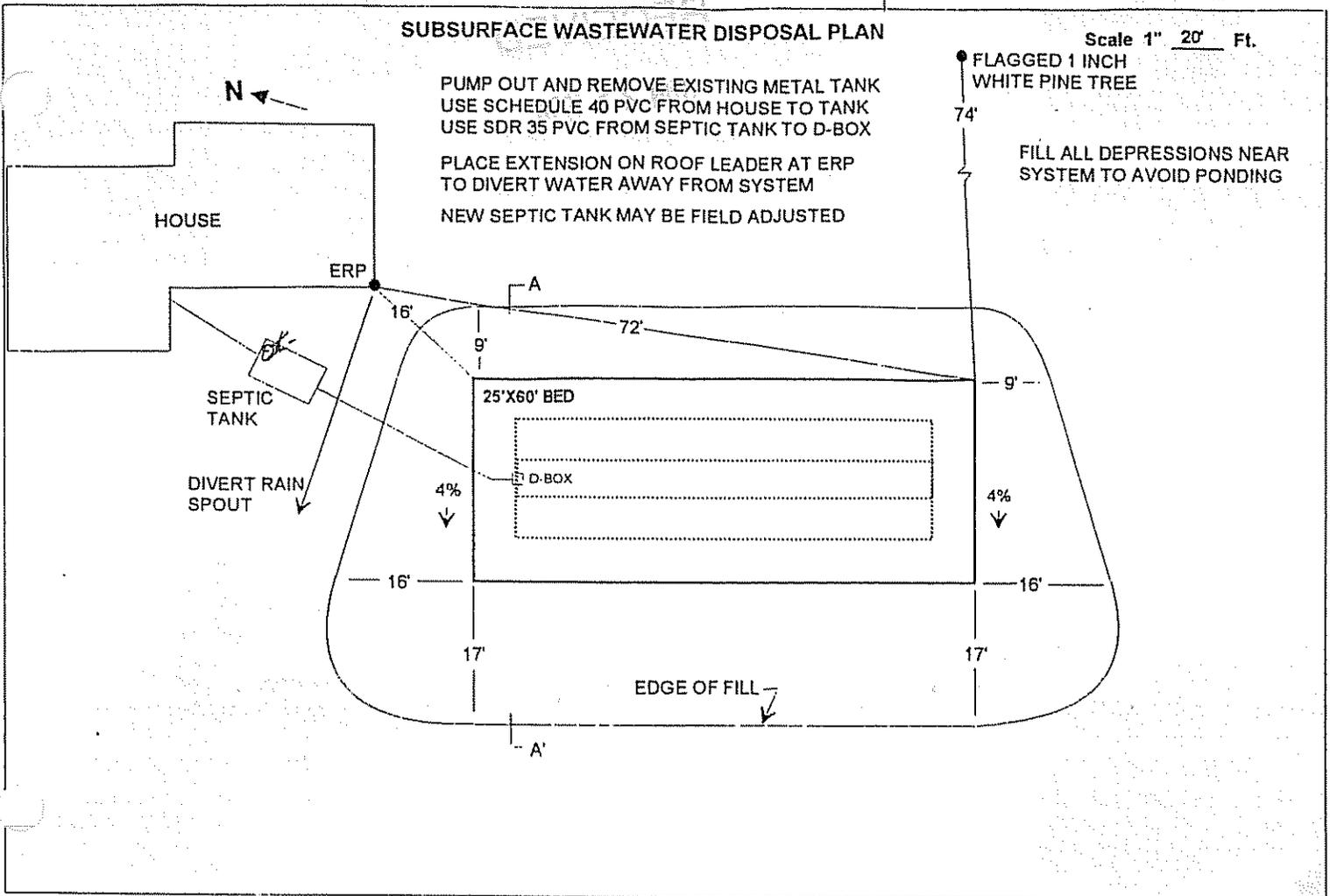
LAWRENCE DUTIL

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.

PUMP OUT AND REMOVE EXISTING METAL TANK
USE SCHEDULE 40 PVC FROM HOUSE TO TANK
USE SDR 35 PVC FROM SEPTIC TANK TO D-BOX
PLACE EXTENSION ON ROOF LEADER AT ERP
TO DIVERT WATER AWAY FROM SYSTEM
NEW SEPTIC TANK MAY BE FIELD ADJUSTED

● FLAGGED 1 INCH WHITE PINE TREE
74'
FILL ALL DEPRESSIONS NEAR SYSTEM TO AVOID PONDING



FILL REQUIREMENTS

Depth of Fill (Upslope) 29 "
Depth of Fill (Downslope) 41 "

CONSTRUCTION ELEVATIONS

Reference Elevation Is 00 "
Bottom of Disposal Area -34 "
Top of distribution Lines or Chambers -23 "

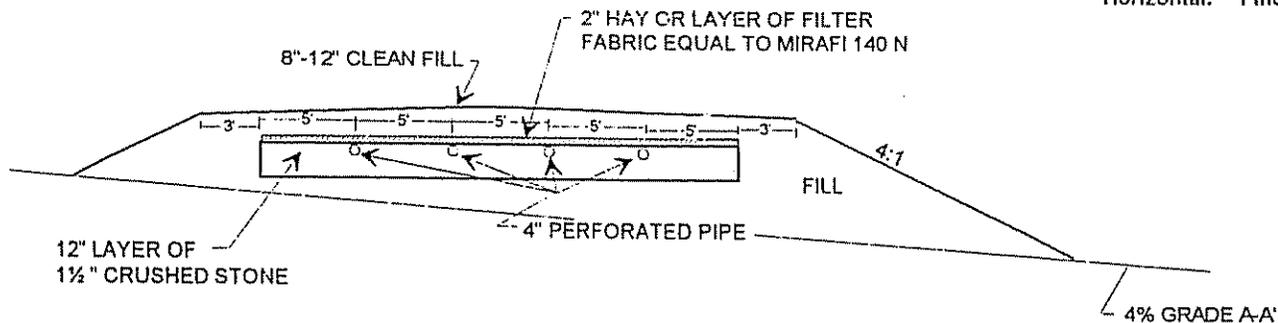
ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

BOTTOM OF VINYL CORNER MOULDING AT BACK CORNER OF SHED

DISPOSAL AREA CROSS SECTION

Scale:

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



REMOVE VEGETATION IN DISPOSAL AREA
SCARIFY ENTIRE FILL AREA
ALL FILL SHALL BE GRAVELLY COARSE SAND
MIX 4 INCHES OF FILL MATERIAL WITH ORIGINAL SOIL TO FORM
TRANSITION ZONE (ACCORDING TO CHAPTER 12, PLUMBING CODE)
ROWN FINISH GRADE FROM CENTER AT 3%
LOAM, SEED, MULCH

WILLIAM P BROWN

Site Evaluator Signature

William Brown

188
SE #

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