SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)287-5672 FAX (207)287-4172

PROPERTY LOCATION

Town or Plantation	AUGUSTA
eet Subdivision Lot #	7 SHERWOOD DRIVE

AUGUSTA 4035 TOWN COPY

Date Permit Issued: 9/23/98 $ 20.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1551

PROPERTY OWNERS NAME

Last: HAYWOOD First: WILLIAM

Applicant's Name	9 CROSS STREET
Mailing Address of Owner	MANCHESTER, ME 04351
Daytime Tel. #	622-6141

Municipal Tax Map # 54 Lot # 16

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.

William Haywood

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 Application

Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION:

1. ☐ First Time System
2. ■ Replacement System
   Type Replaced TRENCH
   Year Installed 60'S
3. ☐ Expanded System
   ☐ a. one-time exempted
   ☐ b. non-exempted
4. ☐ Experimental System
5. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES:

1. ■ No Rule Variance
2. ☐ First Time System Variance
   ☐ a. Local Plumbing Inspector approval
   ☐ b. State & Local Plumbing Inspector approval
3. ☐ Replacement System Variance
   ☐ a. Local Plumbing Inspector approval
   ☐ b. State & Local Plumbing Inspector approval
4. ☐ Minimum Lot Size Variance
5. ☐ Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S):

1. ☑ Non-Engineered System
2. ☐ Primitive System (graywater & alt. toilet)
3. ☐ Alternative Toilet
4. ☐ Non-Engineered Treatment Tank
5. ☐ Holding Tank ____ Gallons
6. ☐ Non- Engineered Disposal Area (only)
7. ☐ Separated Laundry System
8. ☐ Engineered System (+2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Area (only)
11. ☐ Pretreatment

SIZE OF PROPERTY

0.34 ACRES

DISPOSAL SYSTEM TO SERVE:

1. ■ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling Unit
   Number of Units ____
3. ☐ OTHER ____

SHORELAND ZONING

☐ Yes ■ No

TYPE OF WATER SUPPLY

CITY WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ■ Concrete
   ■ a. Regular
   ☐ b. Low Profile
2. ☐ Plastic
3. ☐ Other
   EXISTING
   SIZE: 1000 Gallons

DISPOSAL AREA TYPE/SIZE

1. ■ Bed 900 Sq. Ft.
2. ☐ Proprietary Device ____ Sq. Ft.
   ☐ Clustered ☐ Linear
   ☐ Regular ☐ H-20
3. ☐ Trench
4. ☐ Other ____

GARBAGE DISPOSAL UNIT

1. ■ No
2. ☐ Yes
   ☐ Multi-compartment Tank
   ☐ Tank in Series
   ☐ Increase in tank capacity
   ☐ Filter on Tank Outlet
   RECOMMENDED

CRITERIA USED FOR DESIGN FLOW (Show Calculations)

3 BEDROOM HOME

PROFILE & DESIGN CLASS

PROFILE	DESIGN
3	C

DEPTH TO MOST LIMITING FACTOR 21 "

DISPOSAL AREA SIZING

1. ☐ Small - 2.00
2. ☐ Medium - 2.60
3. ■ Medium-Large - 3.30
4. ☐ Large - 4.10
5. ☐ Extra-Large - 5.00

PUMPING

1. ☐ Not Required
2. ■ May Be Required
3. ☐ Required

DOSE 50 Gallons

DESIGN FLOW: 270 (Gallons/Day)

SITE EVALUATOR'S STATEMENT

On 9 / 16 / 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

188
SE#

9/16/98
Date

WILLIAM P BROWN
Print Name

293-2110
Telephone

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

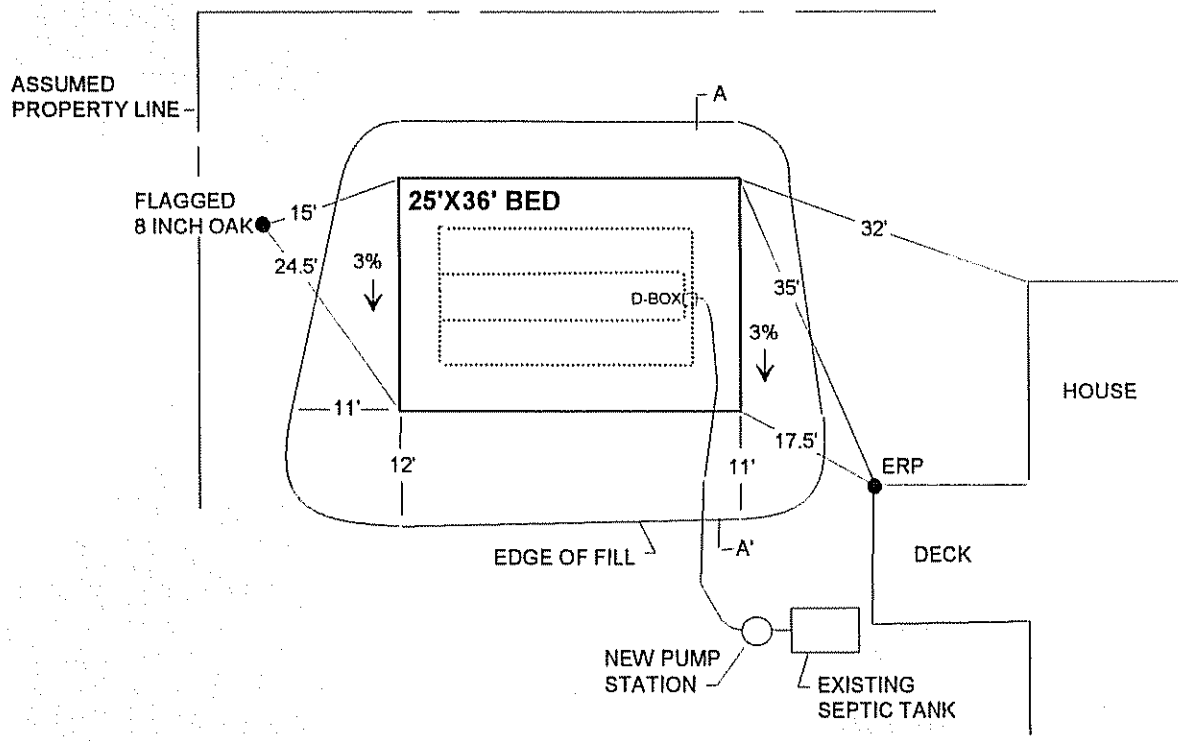
Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	7 SHERWOOD DRIVE	WILLIAM HAYWOOD

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" 20' Ft.

INSTALL 3 FOOT DIAMETER PUMP STATION WITH EFFLUENT PUMP TO FEED NEW DISPOSL SYSTEM OR,
RAISE SEPTIC TANK (OR REPLACE) AND RAISE INTERNAL PLUMBING TO GRAVITY FEED NEW DISPOSAL SYSTEM

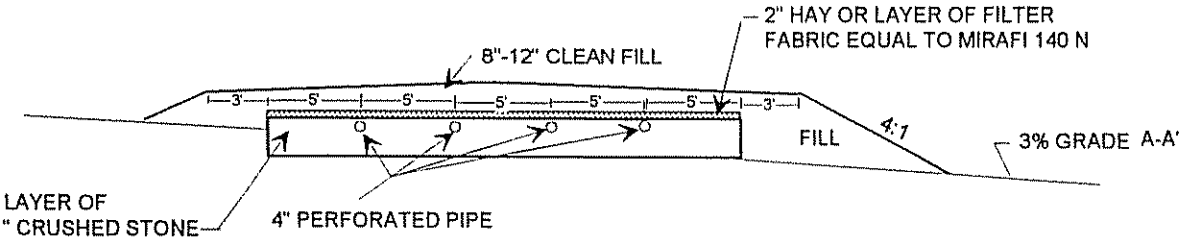
N



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	15-17 "	Reference Elevation Is	00"	FLAGGED NAIL IN POST AT PORCH,
Depth of Fill (Downslope)	24-26 "	Bottom of Disposal Area	-41"	1 FT ABOVE SONOTUBE
		Top of distribution Lines or Chambers	-30"	

DISPOSAL AREA CROSS SECTION

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



SECTION A-A'

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

WILLIAM P BROWN	188	9/16/98
Site Evaluator Signature	SE #	Date

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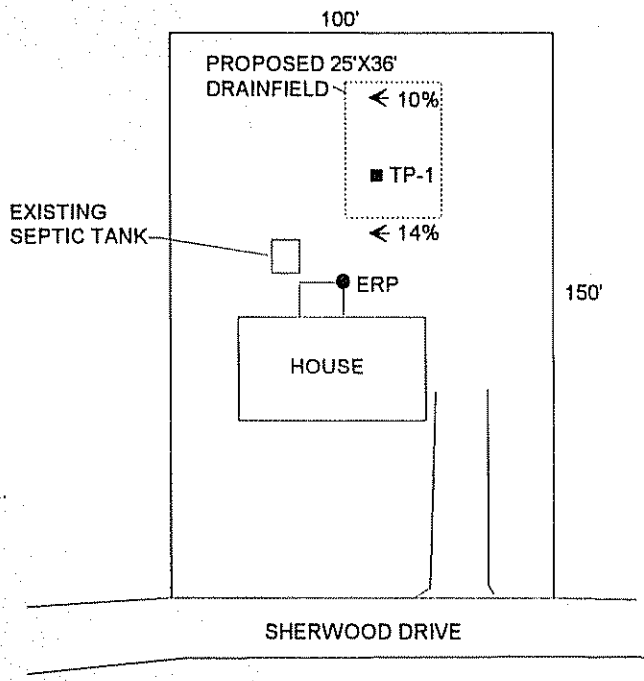
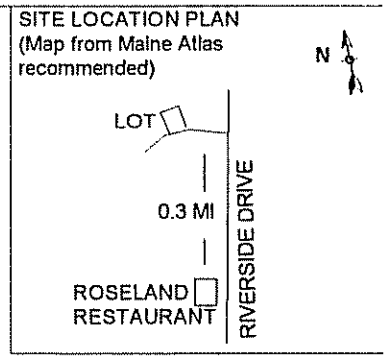
SITE PLAN Scale 1" = 50 Ft.



SITE LOCATION PLAN
(Map from Maine Atlas recommended)



ERP TO TP-1 = 29'

THE EXISTING 1000 GALLON CONCRETE SEPTIC TANK APPEARS TO BE IN GOOD CONDITION

THE SEPTIC TANK MAY BE LEFT IN PLACE WITH A 3 FOOT DIAMETER PUMPING STATION INSTALLED TO FEED THE NEW DISPOSAL FIELD
AN ALTERNATE SOLUTION IS TO EXCAVATE AND RAISE THE EXISTING TANK (OR PROPERLY ABANDON THE TANK AND REPLACE WITH A NEW TANK) AND PROVIDE A NEW GRAVITY SEWER LINE FROM THE HOUSE TO AVOID USING A PUMP STATION

EITHER SOLUTION IS ACCEPTABLE

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

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

	Texture	Consistancy	Color	Mottling
0	SANDY LOAM	FRIABLE	MEDIUM BROWN	
10			YELLOW BROWN	NONE
20		FIRM	OLIVE BRN	COMMON
30				
40				
50				

Soil Classification	Slope	Limiting Factor	
3 Profile / C Condition	3 %	21 "	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

	Texture	Consistancy	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification	Slope	Limiting Factor	
Profile / Condition	%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

WILLIAM P BROWN William P Brown 188 9/16/98
Site Evaluator Signature SE # Date