

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**
 Street: **30 31 CASWELL STREET**
 Subdivision Lot #:

AUGUSTA
 Date Permitted: **6.3.99**
 Local Plumbing Inspector Signature: *Walter R. ...*
 Fee: \$ **1000**
 L.P.I. #: **10150**
 4190 TOWN COPY
 Double Fee Charged

PROPERTY OWNERS NAME

Last: **OCONNOR** First: **GEORGE**

Applicant's Name: **C/O STEVE MCGEE**
 Mailing Address of Owner: **BOX 537 GARDINER, ME 04345**

Daytime Tel. #: **582-8810**

Municipal Tax Map # 6 Lot # 59

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.

Signature of Owner/Applicant: *Steve McGee*
 Date: **5/27/99**

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: *Walter R. ...*
 Date Approved: **5/29/99**

PERMIT INFORMATION

TYPE OF APPLICATION:

- First Time System
- Replacement System
Type Replaced _____
Year Installed _____
- 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

10 ACRES

DISPOSAL SYSTEM TO SERVE:

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

SHORELAND ZONING

Yes No

TYPE OF WATER SUPPLY PROPOSED DRILLED WELL OR 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 / 25 / 99** (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.

Signature: *William P Brown*
 Site Evaluator Signature

WILLIAM P BROWN
 Print Name

188
 SE#

293-2110
 Telephone

5/25/99
 Date

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Town, City, Plantation

Street, Road, Subdivision

Owners Name

AUGUSTA

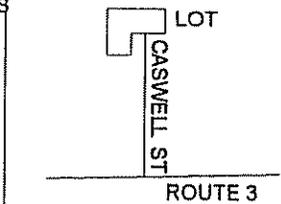
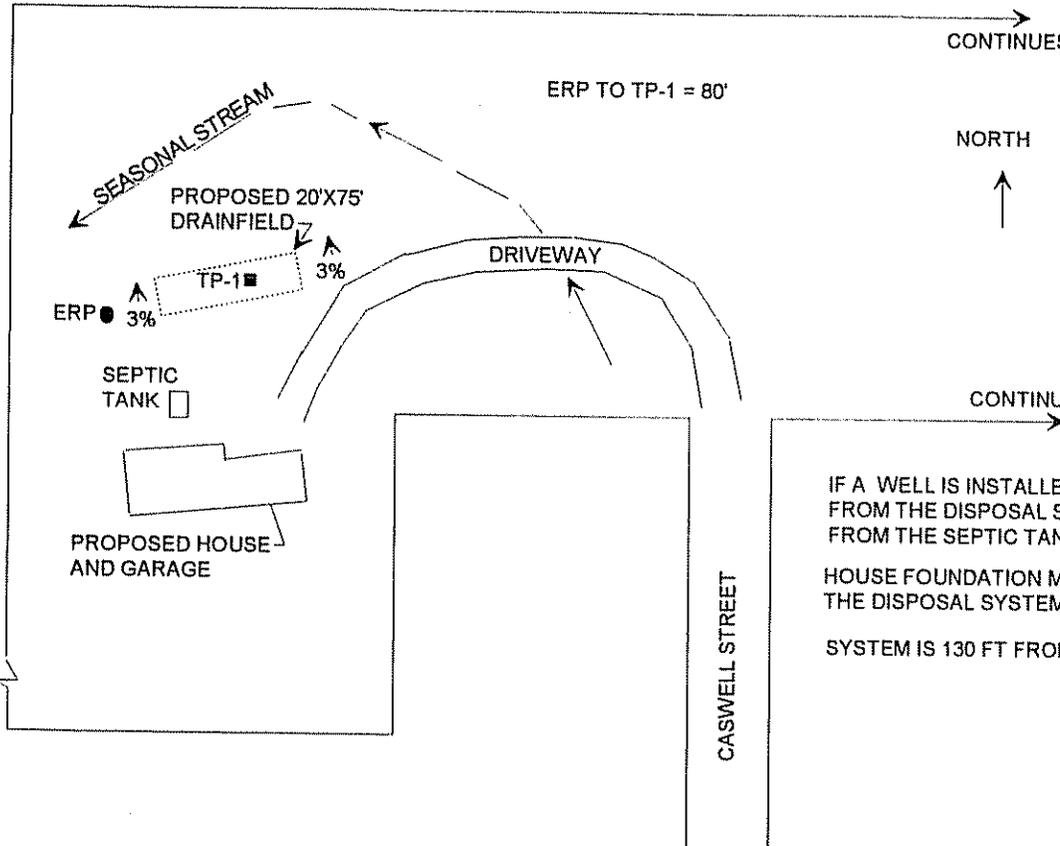
CASWELL STREET

GEORGE OCONNOR

SITE PLAN

Scale 1" = 100 Ft.

SITE LOCATION PLAN
(Map from Maine Atlas recommended)



IF A WELL IS INSTALLED, IT MUST BE AT LEAST 100 FEET FROM THE DISPOSAL SYSTEM AND AT LEAST 75 FEET FROM THE SEPTIC TANK

HOUSE FOUNDATION MUST BE AT LEAST 20 FEET FROM THE DISPOSAL SYSTEM

SYSTEM IS 130 FT FROM SEASONAL STREAM

SOIL DESCRIPTION AND CLASSIFICATION

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

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FRIABLE	DK BRN	
10			ORANGE BROWN	NONE
20	SILT LOAM	FIRM	LIGHT BROWN	COMMON
30			OLIVE BRN	
40				
50				

Soil Classification	Slope	Limiting Factor	<input checked="" type="checkbox"/> Ground Water
8	7-10 %	13 "	<input type="checkbox"/> Restrictive Layer
Profile	Condition		<input type="checkbox"/> Bedrock
			<input type="checkbox"/> Pit Depth

(Location of Observation Holes Shown Above)

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

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

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

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Owners Name

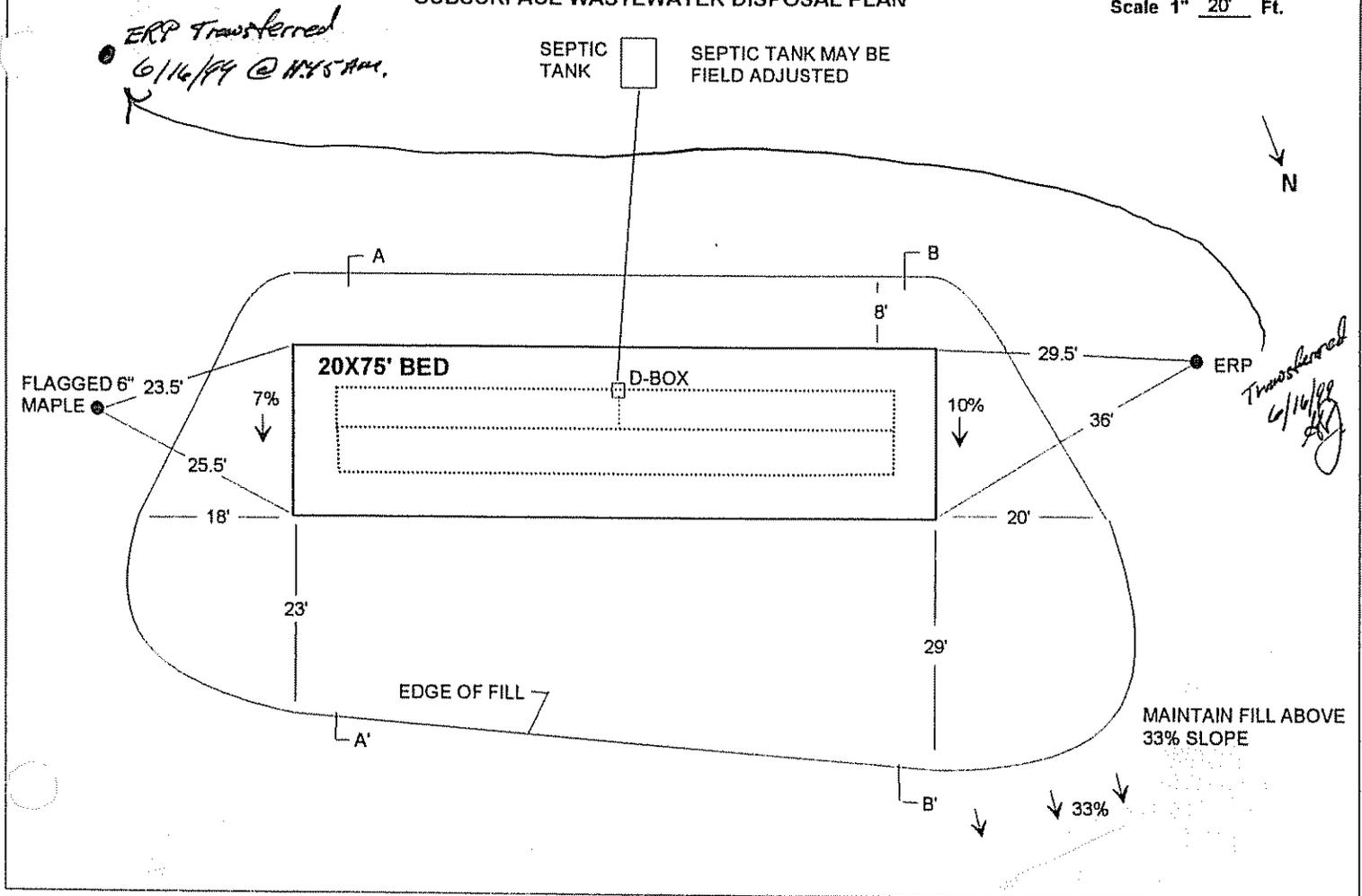
AUGUSTA

CASWELL STREET

GEORGE OCONNOR

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 29"
Depth of Fill (Downslope) 45-53"

CONSTRUCTION ELEVATIONS

Reference Elevation Is 00"
Bottom of Disposal Area -38"
Top of distribution Lines or Chambers -27"

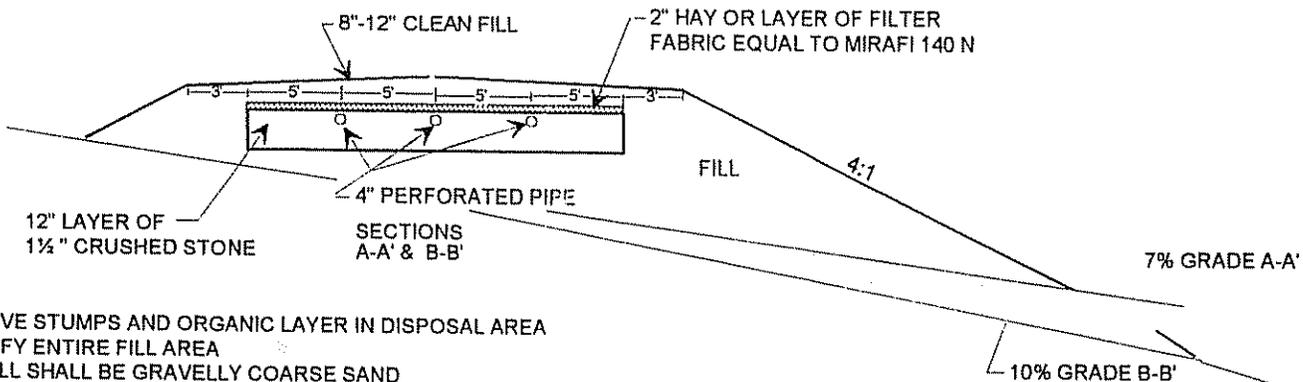
ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

FLAGGED NAIL IN 5 INCH OAK TREE, 5 FT ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:

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



REMOVE STUMPS AND ORGANIC LAYER 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 A POSITION ZONE (ACCORDING TO CHAPTER 8, PLUMBING CODE)
DOWN FINISH GRADE FROM CENTER AT 3%
OR SLOPE ALL ONE-WAY
LOAM, SEED, MULCH DISTURBED AREAS

WILLIAM P BROWN *William P Brown*
Site Evaluator Signature

188
SE #

5/25/99
Date

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