SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207)287-5672 FAX (207)287-4172

PROPERTY LOCATION

City, Town, or Plantation	GARDINER
Street or Road	BOOKER ROAD
Subdivision, Lot #	

>> Caution: Permit Required – Attach in Space Below <<

*Contractor shall provide sufficent clearing so the LPI can inspect the outlet to the tank and effluent line.

GARDINER Date Permit Issued: 5/3/01

Local Plumbing Inspector Signature

1173 TOWN COPY $ 175.00 FEE ☐ If Double Fee Charged

L.P.I. # 783

OWNER/APPLICANT INFORMATION

Name (last, first, MI): CASPOLE, ROBERT — ■ Owner ☐ Applicant

Mailing Address of ■ Owner ☐ Applicant	RR 5 BOX 523 GARDINER, ME 04345
Daytime Tel. #	582-2367

Municipal Tax Map # 3 Lot # 3

Owner or Applicant 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.

Robert J Caspole — Signature of Owner/Applicant — 3 May 01 — 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

W G Stewart — Local Plumbing Inspector Signature — 11-16-01

5-10-01 w/S (1st) Date Approved

5-14-01 (2nd) 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. ☐ Minor Expansion
   b. ☐ Major Expansion
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. ☐ Complete Non-engineered System
2. ☐ Primitive System (graywater & alt. toilet)
3. ☐ Alternative Toilet, specify _____
4. ☐ Non-Engineered Treatment Tank (only)
5. ☐ Holding Tank _____ gallons
6. ■ Non-engineered Disposal Field (only)
7. ☐ Separated Laundry System
8. ☐ Complete Engineered System (2000 gpd or more)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Field (only)
11. ☐ Pretreatment, specify:
12. ☐ Miscellaneous components

SIZE OF PROPERTY

80 ☐ sq. ft. ■ acres

SHORELAND ZONING

☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE:

1. ■ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling Unit, No. of Units: _____
3. ☐ Other _____ SPECIFY

TYPE OF WATER SUPPLY

1. ■ Drilled Well 2. ☐ Dug Well 3. ☐ Private
4. ☐ Public 5. ☐ Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ■ Concrete
   a. ■ Regular
   b. ☐ Low Profile
2. ☐ Plastic
3. ☐ Other EXISTING

CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

1. ■ Stone Bed 2. ☐ Stone Trench
3. ☐ Proprietary Device
   a. ☐ Cluster Array c. ☐ Linear
   b. ☐ Regular load d. ☐ H-20 load
4. ☐ Other _____

SIZE 900 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ■ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
   a. ☐ Multi-compartment Tank
   b. ☐ Tanks in Series
   c. ☐ Increase in Tank Capacity
   d. ☐ Filter on Tank Outlet

DESIGN FLOW

270 gallons per day

BASED ON:
1. ■ Table 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)

SHOW CALCULATIONS -for other facilities-

SOIL DATA & DESIGN CLASS

PROFILE / CONDITION / DESIGN
3 / C / 1

at Observation Hole # TP-1

Depth 15 " Elevation _____ "

OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING

1. ☐ Small - 2.0 sq. ft./gpd
2. ☐ Medium - 2.6 sq. ft./gpd
3. ■ Medium-Large - 3.3 sq. ft./gpd
4. ☐ Large - 4.1 sq. ft./gpd
5. ☐ Extra-Large - 5.0 sq. ft./gpd

PUMPING

1. ■ Not Required
2. ☐ May Be Required
3. ☐ Required>> Specify only for engineered or experimental systems

DOSE _____ gallons

3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA

SITE EVALUATOR'S STATEMENT

I certify that on 4/30/2001 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

William P Brown — Site Evaluator Signature

188 — SE#

4/30/2001 — Date

WILLIAM P BROWN — Site Evaluator Name Printed

293-2110 — Telephone #

RAB JMC HB

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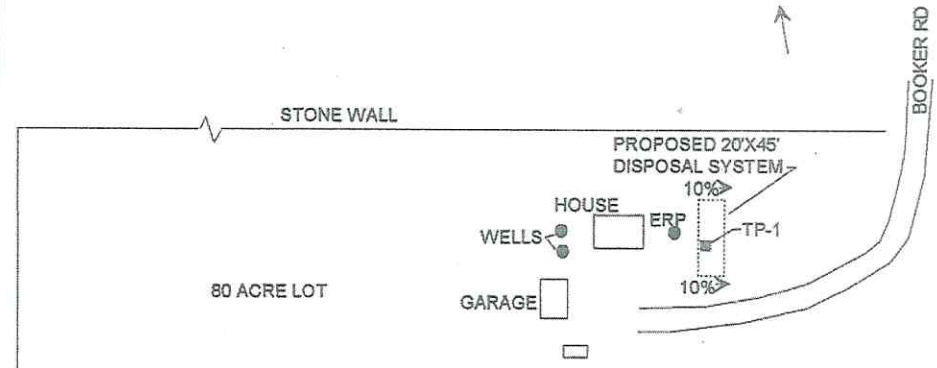
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX 207 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owners Name
GARDINER	BOOKER ROAD	ROBERT CASPOLE

SITE PLAN Scale 1" = 100 Ft.



SITE LOCATION PLAN
(Map from Maine Atlas recommended)

ERP TO TP-1 = 37'

WELLS ARE AT LEAST 145 FT FROM PROPOSED DISPOSAL SYSTEM

EXISTING SEPTIC TANK TO BE KEPT IN SERVICE

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-1 ■ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

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

Soil Classification	Slope	Limiting Factor	
3 (Profile) C (Condition)	10 %	15 "	■ 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 — Site Evaluator Signature

188 — SE #

4/30/2001 — Date

RAB JMC HB

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

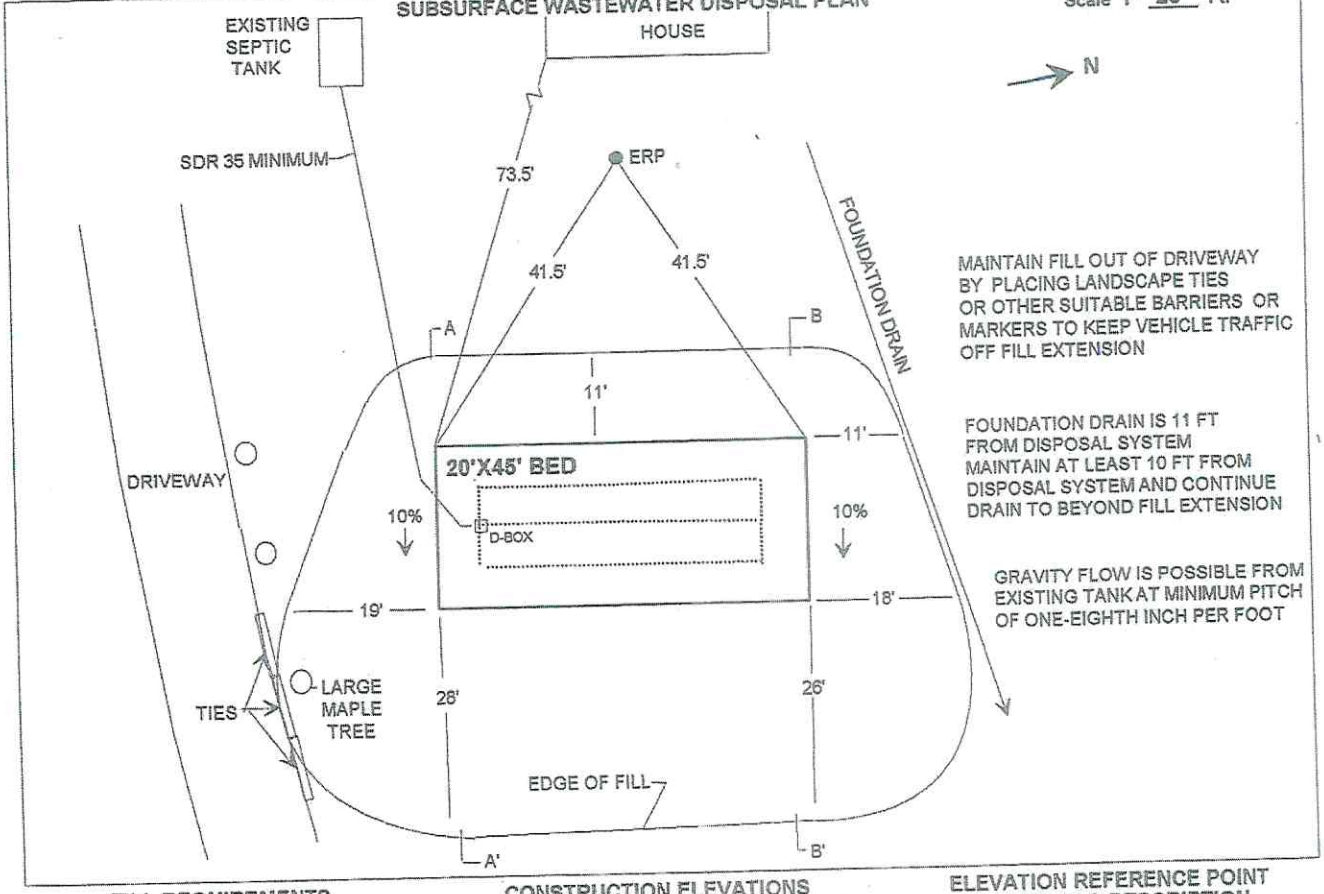
Town, City, Plantation: GARDINER

Street, Road, Subdivision: BOOKER ROAD

Owners Name: ROBERT CASPOLE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope)	21-25"
Depth of Fill (Downslope)	45-49"

CONSTRUCTION ELEVATIONS

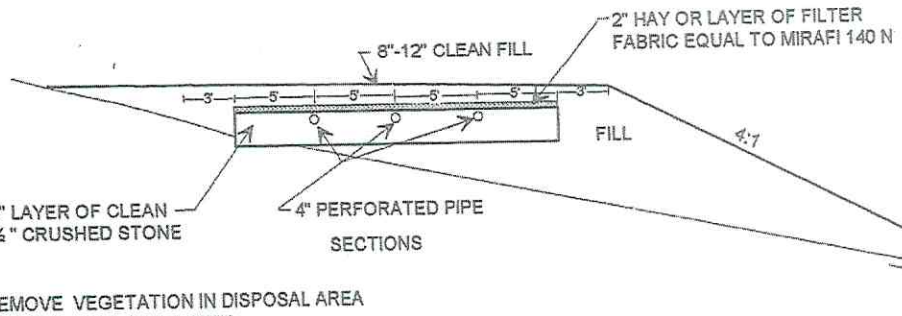
Reference Elevation is	00"
Bottom of Disposal Area	-51"
Top of distribution Lines or Chambers	-40"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

FLAGGED NAIL IN POWER POLE, 1 FOOT ABOVE GROUND

DISPOSAL AREA CROSS SECTION

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



REMOVE VEGETATION IN DISPOSAL AREA
SCARIFY ENTIRE FILL AREA
MIX 4 INCHES OF FILL MATERIAL WITH ORIGINAL SOIL TO FORM A TRANSITION ZONE (ACCORDING TO CHAPTER 8, PLUMBING CODE)
ALL FILL SHALL BE GRAVELLY COARSE SAND
CROWN FINISH GRADE FROM CENTER AT 3% OR SLOPE ALL ONE-WAY (AS SHOWN)
LOAM, SEED, MULCH DISTURBED AREAS

WILLIAM P BROWN — Site Evaluator Signature
188 — SE #
4/30/2001 — Date

RAB JMC JB