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FORMS

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation	AUGUSTA
Street or Road	WARD RD.
Subdivision, Lot #	

AUGUSTA 5061 TOWN COPY

Date Permit Issued: 4 15 2003 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1A2P

OWNER/APPLICANT INFORMATION

Name (last, first, MI) SOMERS, ERIC, A. ☒ Owner ☒ Applicant

Mailing Address of Owner/Applicant: 162 GRAY RD VASSALBORO, ME 04989

Daytime Tel. # (207) 873-1221

Municipal Tax Map # 8 Lot # 24

OWNER OR APPLICANT STATEMENT

I state and acknowledge 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 or Applicant Date

CAUTION: INSPECTION REQUIRED

I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 5/1/03 (1st) date approved

Local Plumbing Inspector Signature (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☒ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 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 Permit

DISPOSAL SYSTEM COMPONENTS

- ☒ 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. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

54± ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped

TYPE OF WATER SUPPLY

PROPOSED

☒ 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: _____

CAPACITY: 1,000 GAL.

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 ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, 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 facilites —

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

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
7	C	1

at Observation Hole # TP-1

Depth 16"

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

EFFLUENT/EJECTOR PUMP

- ☒ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

SITE EVALUATOR STATEMENT

I certify that on 4-3-03 (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).

Site Evaluator Signature	SE #	Date
Stephen A. Down	257	4-5-03

Site Evaluator Name Printed	Telephone Number	E-mail Address
STEPHEN A. DOWN	(207) 685-3637	sadown@prexar.com

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

HHE-200 Rev. 8/01

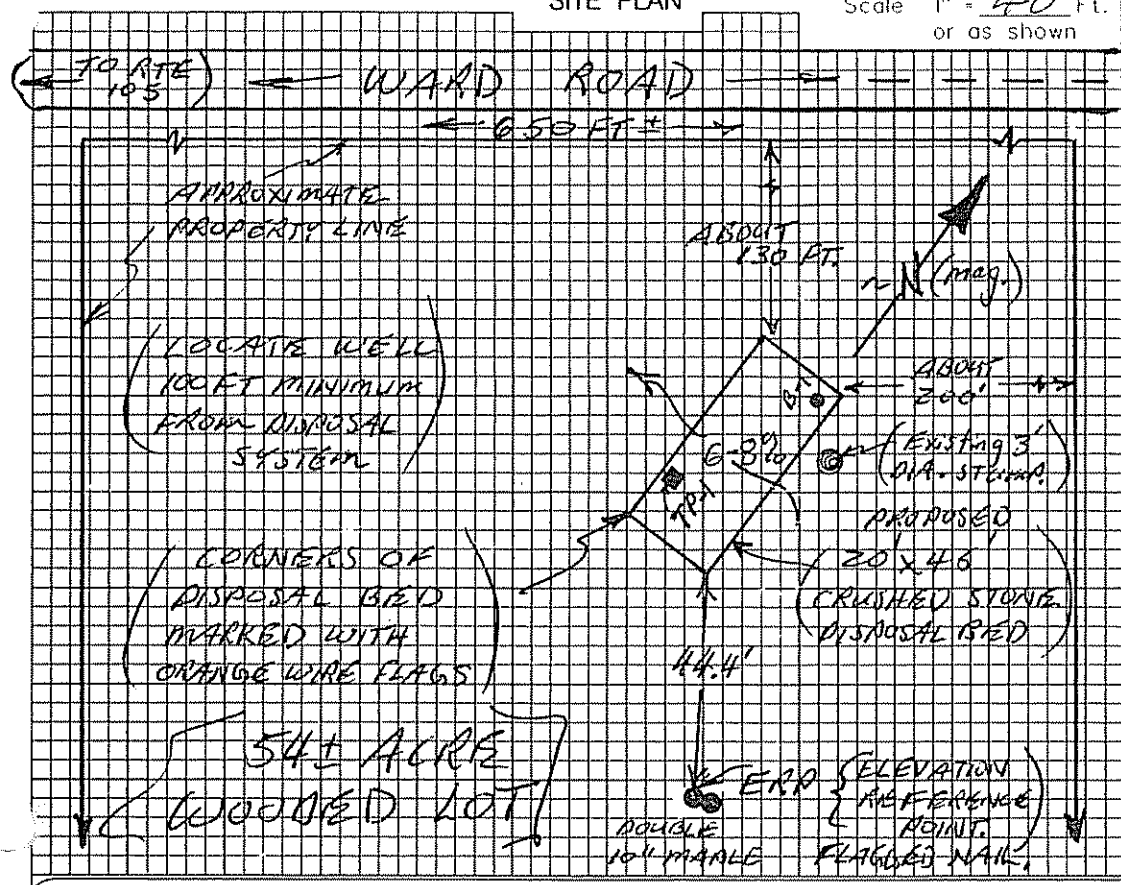
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

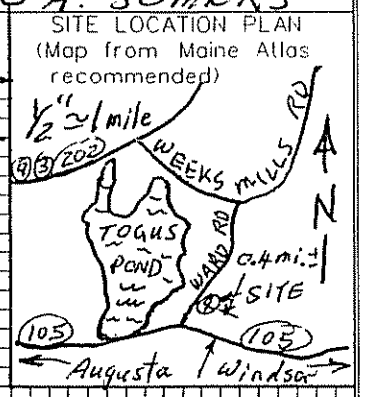
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: AUGUSTA
Street, Road Subdivision: WARD RD
Owner's Name: ERIC A. SOMERS

SITE PLAN

Scale 1" = 40 Ft. or as shown





(20 FT. MINIMUM SEPERATION BETWEEN BLDG. FOUNDATION AND DISPOSAL BED)

(LOCATE SEPTIC TANK MIN. 8 FT FROM BLDG. FDN.)

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	Consistency	Color	Mottling
0	~~LOAM~~	~~FRIABLE~~	~~DARK BROWN~~	
10	SANDY LOAM WITH GRAVEL	LOOSE TO MODERATELY FIRM	BROWN	
20				COMMON PROMINENT
30	SILT LOAM TO SILTY CLAY LOAM	MODERATELY FIRM	GRAY TO GRAY BROWN	
40		FIRM		
50				

Soil Classification		Slope	Limiting Factor	
7 Profile	C Condition	8±%	16"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole B-1 ☐ Test Pit ☒ Boring
" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				
10		(COMPARABLE TO TP-1)		
20				
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
7 Profile	C Condition	8-1%	>16"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Stephen A. Brown — Site Evaluator Signature
685-3637
2.5'7 SE
4-5-03 Date

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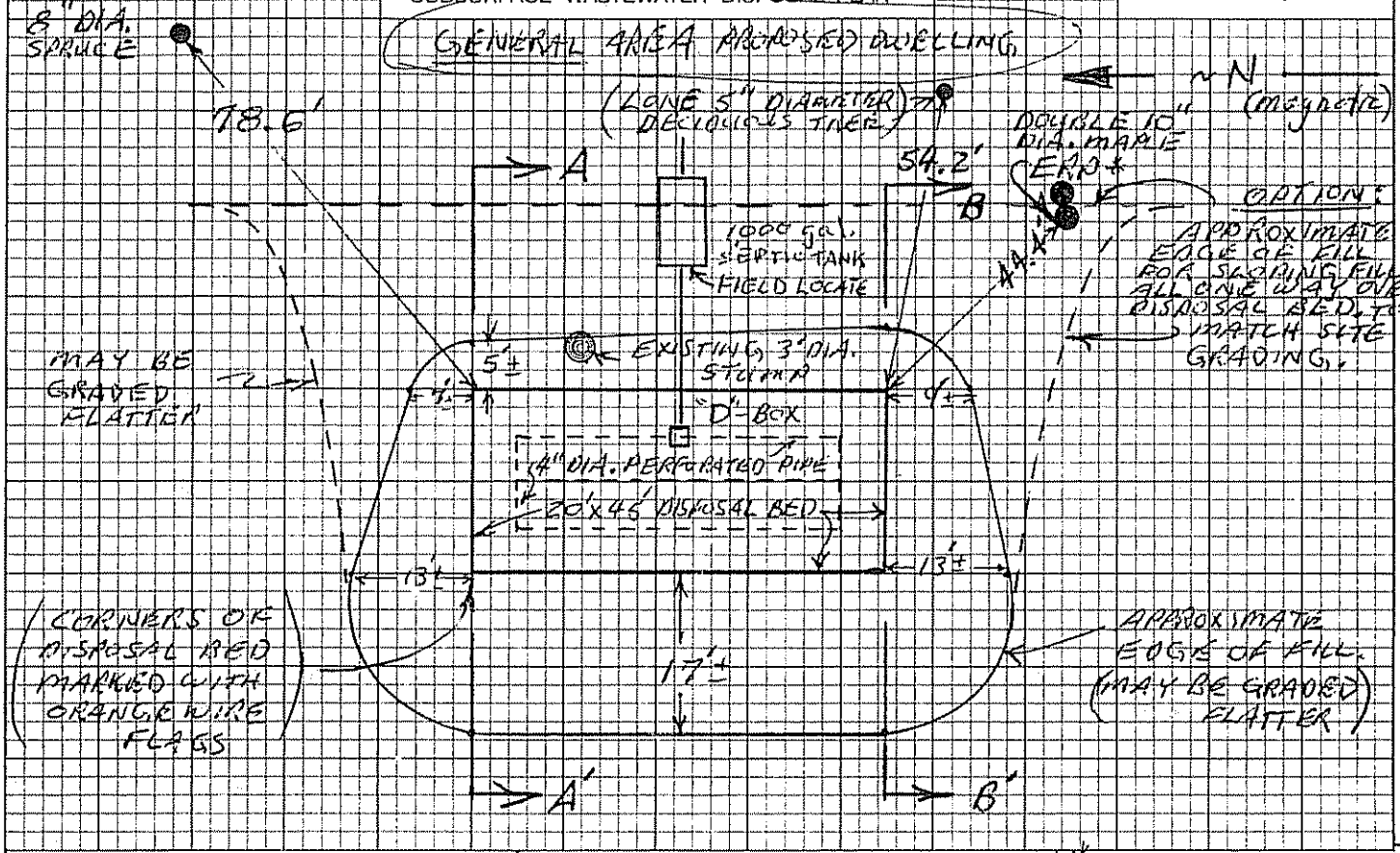
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	WARD RD.	ERIC A. SOMERS

SUBSURFACE WASTEWATER DISPOSAL PLAN

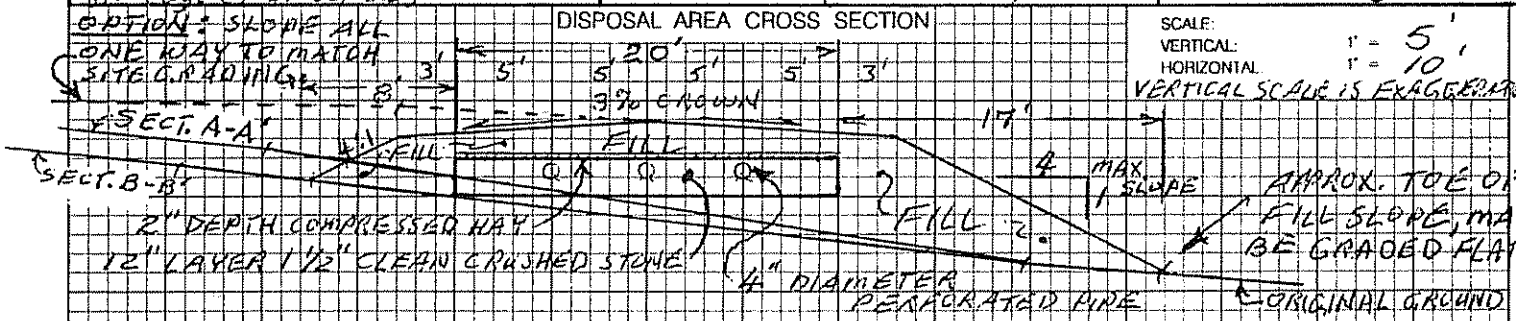
SCALE 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		*ELEVATION REFERENCE POINT = ERP
Depth of Fill (Upslope) 28" slope all one way	20"	Finished Grade Elevation (at ctr. of bed)	-34"	Location & Description FLAGGED NAIL IN 10" DIAMETER DOUBLE MAPLE TREE.
Depth of Fill (Downslope) (At edge of gravel bed)	32" to 34"	Top of Distribution Pipe or ~~Proprietary Device~~	-47"	Reference Elevation = 0"
		Bottom of Disposal Area (bottom of stone)	-58"	

DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 10'
VERTICAL SCALE IS EXAGGERATED



REMOVE TREES, STUMPS, VEGETATION AND SCARIFY SURFACE BELOW FILL AREA.
FILL: COARSE SAND, TO GRAVELY COARSE SAND PER SECTION 804.2 OF 'THE CODE'.
THE FILL SURFACE MAY BE SLOPED ALL ONE WAY TO MATCH SITE GRADING AND AVOID A MOUND APPEARANCE.
PROVIDE FOR SURFACE DRAINAGE AWAY FROM THE DISPOSAL AREA.
LOAM, SEED AND MULCH ALL DISTURBED AREAS.
CONSTRUCTION TO COMPLY WITH 'THE CODE', 144 CMR 241.

Stephen A. Brown — Site Evaluator Signature
257 — SE #
4-5-03 — Date
685-3637