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	ELLSWORTH
Street or Road	SEAVEYS WOODLOT
Subdivision, Lot #	ALTON'S AVENUE

OWNER/APPLICANT INFORMATION

Name (last, first, MI) ☐ Owner (circled) ☐ Applicant	RAY BUILDERS
Mailing Address of ☒ Owner ☐ Applicant	RAY BUILDERS P.O. BOX ELLSWORTH, MAINE 04605
Daytime Tel. #	207-667-5770

>> Caution: Permit Required -- Attach In Space Below <<

ELLSWORTH 3590 TOWN COPY

Date Permit Issued: 9/26/01 $ 1/0/0 FEE ☐ If Double Fee Charged

[signature]
Local Plumbing Insector Signature L.P.I. # 1955

Municipal Tax Map # 5 Lot # 53

LINE [illegible] TANK NOT IN

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.

[signature] 9/26/01
Signature of Owner or 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.

[signature] #52 1st 10/9/01
Local Plumbing Inspector Signature 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 Approval

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. ☐ Pre-treatment, specify:

SIZE OF PROPERTY
1 ± ☐ 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

TYPE OF WATER SUPPLY (TO BE)
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 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 1152 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
1. ☒ No 2. ☐ 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 901.1 (dwelling unit(s)
2. ☐ Table 901.2 (other facilities)
SHOW CALCULATIONS
-- for other facilities --

3. ☐ Section 903.0 (meter readings)
ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
8 / D / 3
at Observation Hole # 1
Depth 12 " Elevation -78 "
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

SITE EVALUATOR STATEMENT

I Certify that on 9-8-01 (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).

[signature]	319	9-11-01
Site Evaluator Signature	SE #	Date
William A. LaBelle Jr.	207-537-5900	
Site Evaluator Name Printed	Telephone #	

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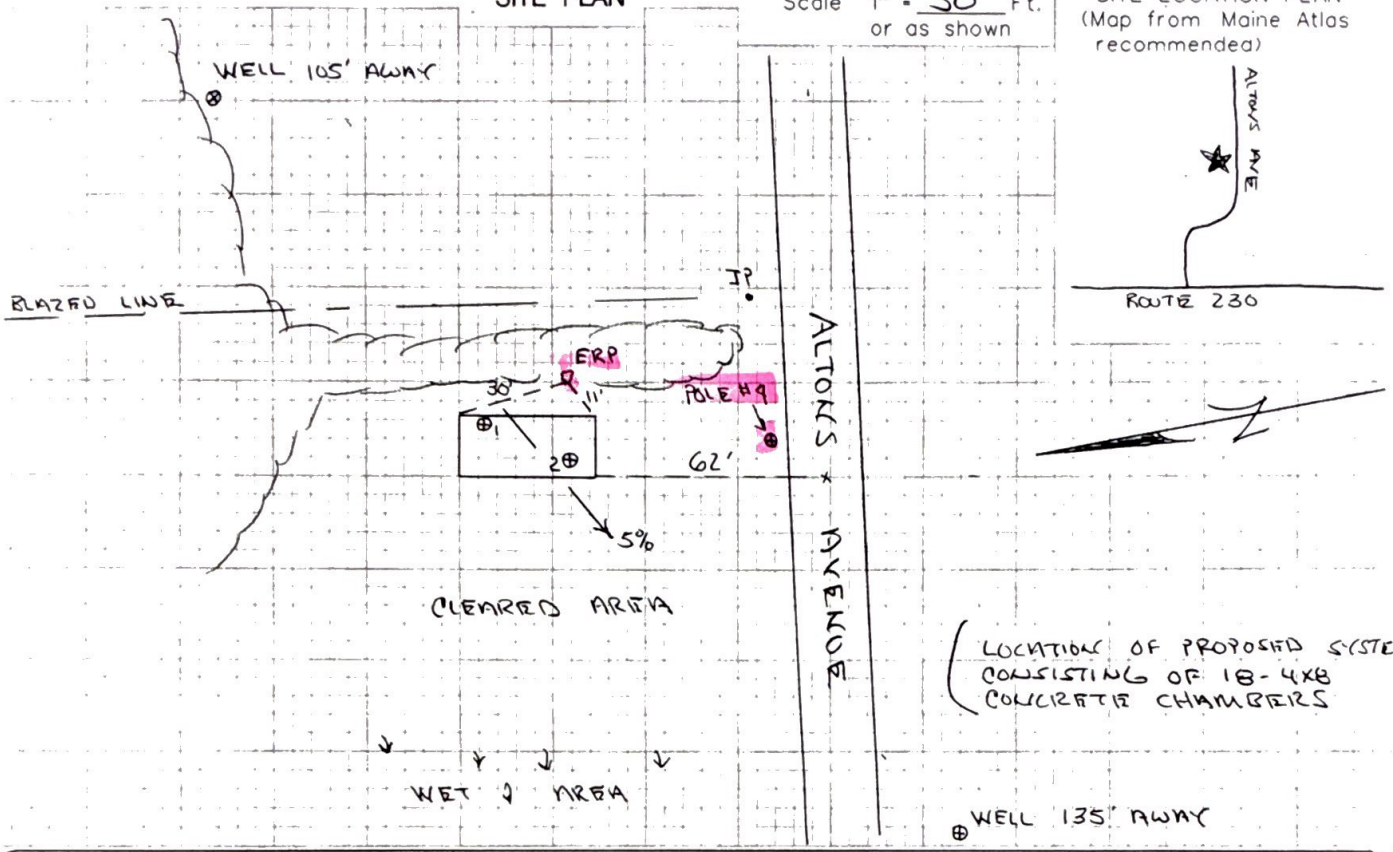
SITE PLAN

Scale 1" = 50 Ft. or as shown



SITE LOCATION PLAN
(Map from Maine Atlas recommended)

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

Observation Hole #1 ■ Test Pit ☐ Boring
1 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	MUCKY LOAM	FRIABLE	BLACK	
	GRAVELY COBBLY SILT LOAM		BRIGHT BROWN	
10			PALE	FEW
20		FIRM	BROWN	DISTINCT
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
8	D	5 %	12"	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
Profile	Condition			

Observation Hole #2 ■ Test Pit ☐ Boring
1 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	GRAVELY SILT LOAM	FRIABLE	DARK BROWN	
10			PALE YELLOW BROWN	COMMON
20	SILT	FIRM	PALE BROWN	DISTINCT
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
8	D	5 %	12"	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
Profile	Condition			

William A LaBelle — Site Evaluator Signature
319 — SE •
9-11-01 — Date

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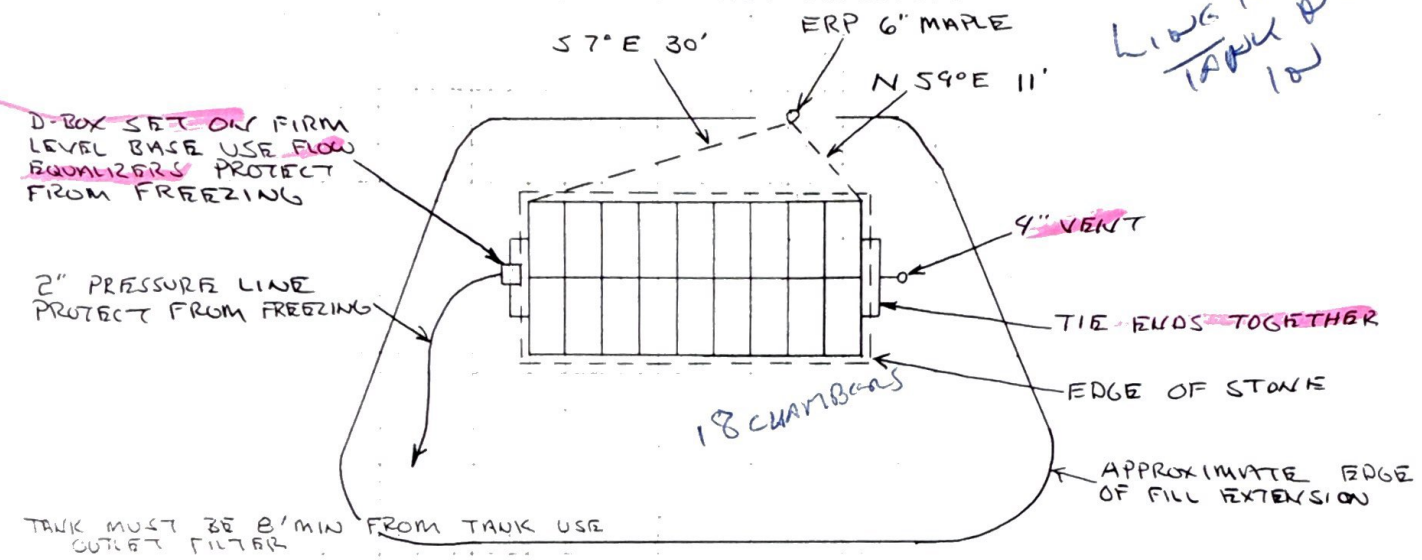
SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT



LINE INTO TANK BOT IN

TANK MUST BE 8' MIN FROM TANK USE OUTLET FILTER

BUILDING MUST BE 20' MIN FROM STONE AROUND CHAMBERS

WELL MUST BE 100' MIN FROM TANK & AND STONE AROUND CHAMBERS

GRADE UPSLOPE TO DIVERT WATER AWAY FROM SYSTEM

PROPOSED SYSTEM CONSISTING OF 4X8 CHAMBERS PLACED IN A CLUSTER FOUR CORNERS ARE STAKED OUT

FILL REQUIREMENTS

Depth of Fill (Upslope)	30"
Depth of Fill (Downslope)	44"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-36"
Top of Distribution Pipe or Proprietary Device	-47"
Bottom of Disposal Area	-60"

ELEVATION REFERENCE POINT

Location & Description: N 59° E 11' FROM SE CRN OF CHAM 6" MAPLE NAIL 0"
Reference Elevation: 55" ABOVE GROUND

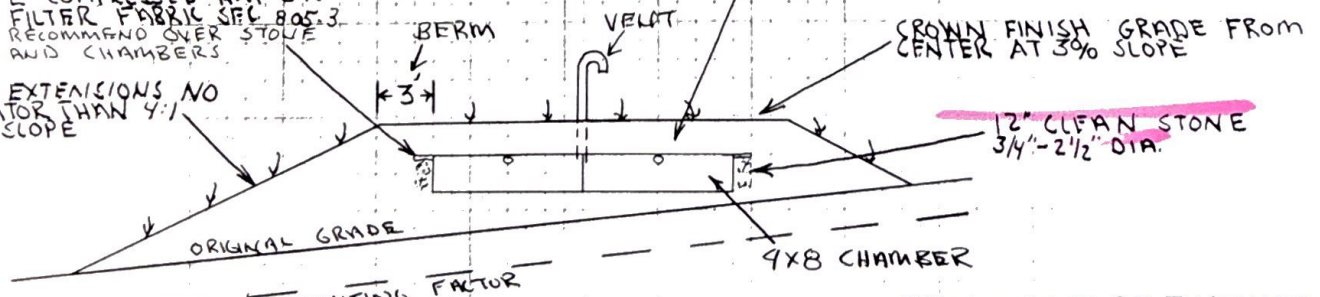
SCALE
VERTICAL: 1" = 5
HORIZONTAL 1" = 10

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER SEED AND MULCH TO PREVENT EROSION

DISPOSAL AREA CROSS SECTION

(A)

FILL MATERIAL SHALL BE 8"-12" THK OVER CHAMBERS AND SHALL BE GRAVELY COURSE SAND TO THE STANDARDS IN SEC. 804.0 IN THE SUBSURFACE RULES.



REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA

BOTTOM OF CHAMBERS MUST BE LEVEL W/ MAX GRADE TOLERANCE OF 2" PER 100'

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE SUBSURFACE WASTEWATER RULES IN EFFECT AT THIS TIME

William A. DeBeer — Site Evaluator Signature

319 — SE •

9-11-01 — Date