called 10-14-97 10:20 left mess.

Map 11, Lot 54

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

AUGUSTA 3794 TOWN COPY

Date Permit Issued: 10/14/97 $ 160.00 FEE ☐ If Double Fee Charged

L.P.I. # 850

Local Plumbing Inspector Signature

PROPERTY LOCATION

Town or Plantation	AUGUSTA
Street	RR7 BX1440
Subdivision Lot #	BOLTON HILL ROAD

PROPERTY OWNERS NAME

Last: EMERSON First: EDWIN

Mailing Address of Owner	RR7 BX 1440 BOLTON HILL RD AUGUSTA 04330
Daytime Tel. #	622-6586

Municipal Tax Map # 11 Lot # Page # 54

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.

Edwin Emerson 10-14-97

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

THIS APPLICATION IS FOR:

1. ☐ First Time System
2. ☐ Multi-User System
3. ☒ Replacement System
4. ☐ Expanded System
   a. ☐ One-time exempted
   b. ☐ Non-exempted
5. ☐ Experimental System
6. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES:

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

DISPOSAL SYSTEM COMPONENT(S)

1. ☒ Non-Engineered System
2. ☐ Primitive System
3. ☐ Alternative Toilet
   Specify _____
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)

SIZE OF PROPERTY

1 AC ±

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:

1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling Unit
   Number of Units _____
3. ☐ Other _____ SPECIFY

TYPE OF WATER SUPPLY

EXISTING WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ Concrete WITH
   ☒ Regular ZABEL
   ☐ Low Profile A-1800
2. ☐ Plastic FILTER

SIZE 1000 Gallons

DISPOSAL AREA TYPE/SIZE

1. ☒ Stone Bed 900 Sq. Ft.
2. ☐ Proprietary Device _____ Sq. Ft.
   ☐ Clustered ☐ Linear
   ☐ Regular ☐ H-20
3. ☐ Trench _____ Lin. Ft.
4. ☐ Other _____

GARBAGE DISPOSAL UNIT

1. ☒ No
2. ☐ Yes
   ☐ Multi-compartment tank
   ☐ Tank in series
   ☐ Increase in tank capacity
   ☐ Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW
(Show Calculations)

2 BEDROOMS
180
5
900 sq ft
20' x 45 BED

DESIGN FLOW: 180 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
9	C

DEPTH TO MOST LIMITING FACTOR 12"

DISPOSAL AREA SIZING

1. ☐ Small 2.0
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 _____ Gallons

SITE EVALUATOR'S STATEMENT

On 10 / 11 / 97 (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.

David L Studer — Site Evaluator Signature
David L. Studer, LSE — (Print Name)
275 — SE #
845-2352 — Telephone
10-11-97 — Date

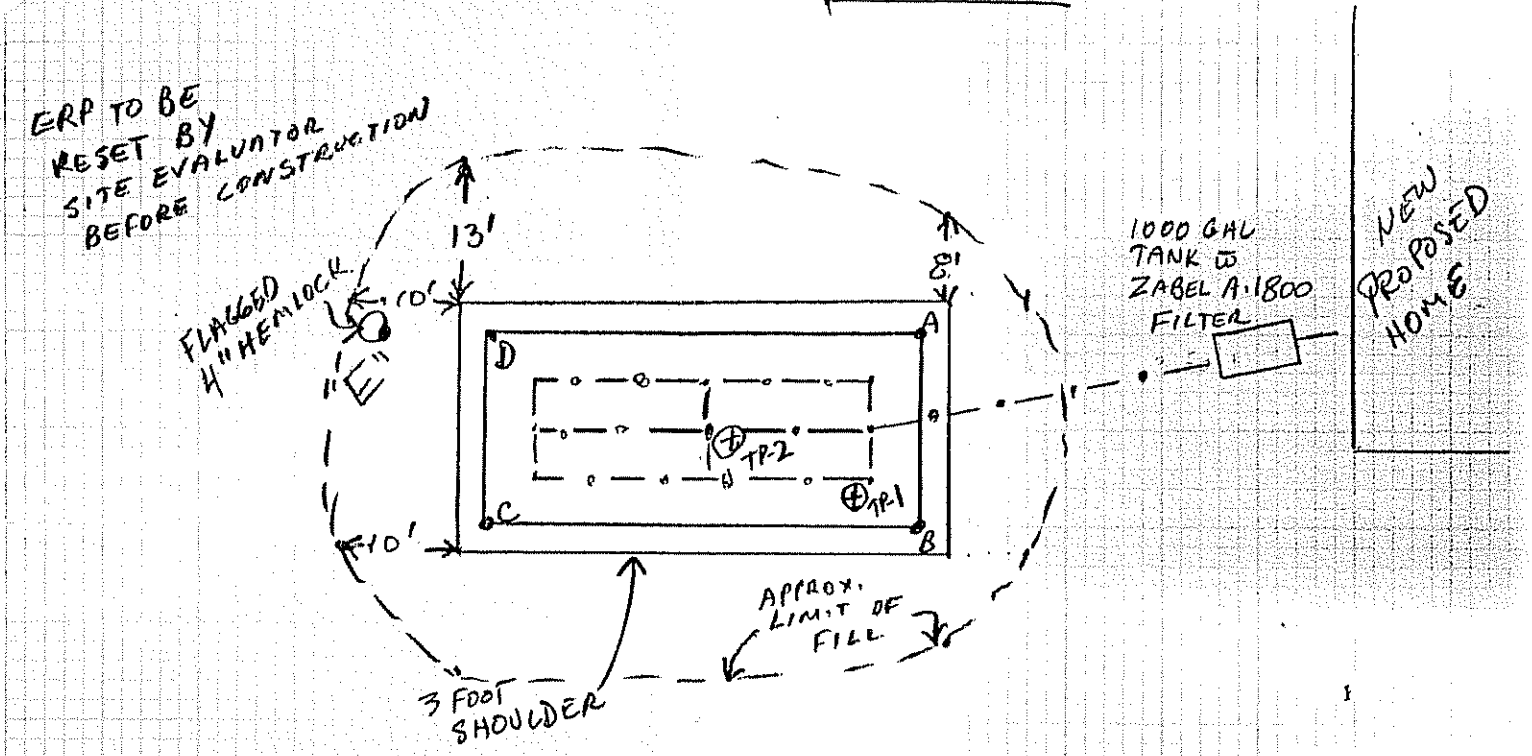
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation	Street, Road or Subdivision	Name of Owner
AUGUSTA	RR1 Bx1440 BOLTON HILL ROAD	ED EMERSON

SUBSURFACE WASTEWATER DISPOSAL PLAN

EXISTING HOME

Scale: 1" = 20 Ft.



TA = 47.5'
TB = 29.5'
TC = 39'
TD = 54'

ED = 11'
EC = 22'
EA = 56'
ET = 60'
B-TP1 = 22'

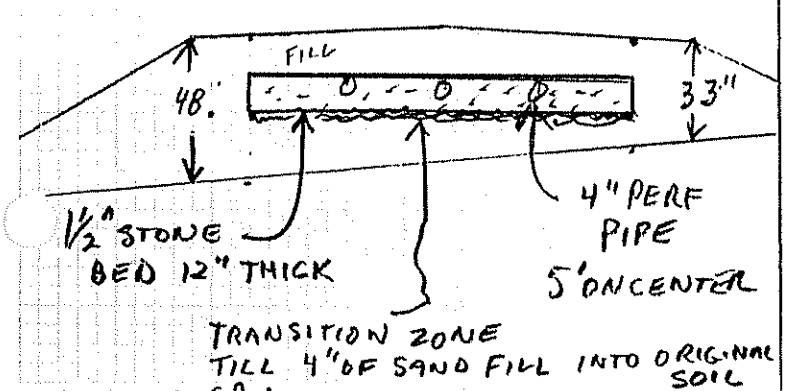
ORIGINAL ELEVATIONS
A = -27"
B = -30"
C = -40"
D = -50"
TP-1 = -30
TP-2 = -3

FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Fill (Upslope) _____"	Finished Grade Elevation 12" OVER PIPE	Location & Description NAIL IN HEMLOCK ABOUT 40" ABOVE GRADE
Depth of Fill (Downslope) _____"	Top of Distribution Pipe or Proprietary Device -16	Reference & Elevation "D"
	Bottom of Disposal Area -27"	

DISPOSAL AREA CROSS SECTION

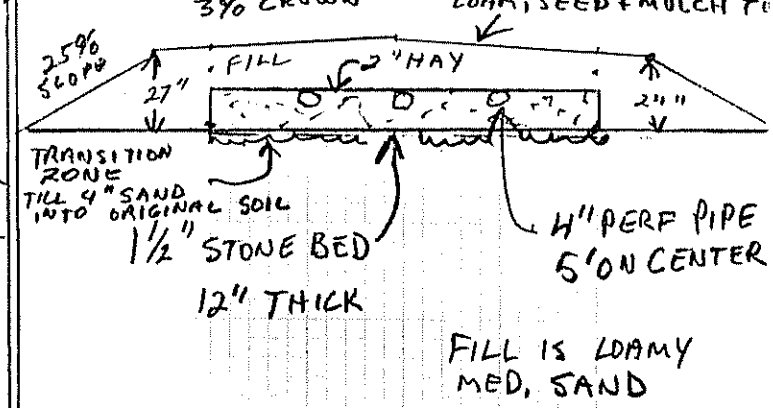
SCALE V = 1" = 5'
H = 1" = 10'

THRU C → D



Scale:
Vertical: 1" = 5 Ft.
Scale: 1" = 10 Ft.

THRU B → A



FILL IS LOAMY MED. SAND

David Strider 275 10-11-97

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

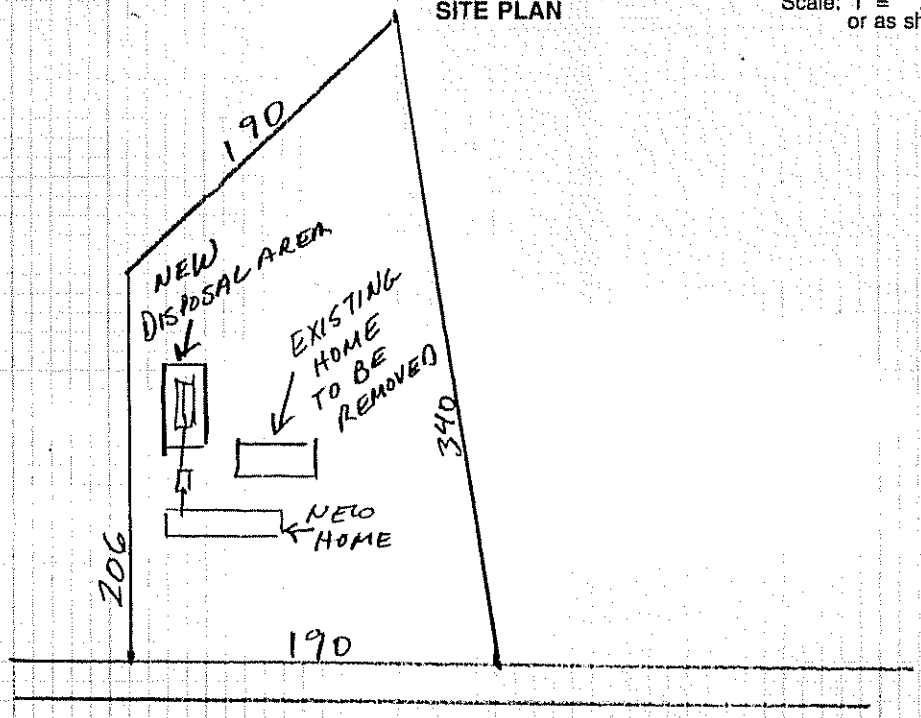
Town, City or Plantation: AUGUSTA

Street, Road or Subdivision: RR7 BX 1440 BOLTON HILL RD

Name of Owner: ED EMERSON

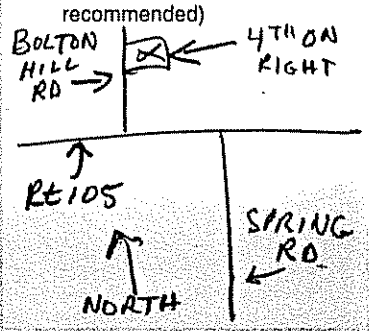
SITE PLAN

Scale: 1" = 100 Ft. or as shown



SITE LOCATION PLAN

(Map from *The Maine Atlas* recommended)



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1 ☒ Test Pit ☐ Boring

1/4-1/2 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SANDY SILT LOAM	FRIABLE	DK BN	
SILT LOAM		YELLOW	
SILT LOAM	FIRM	OLIVE GRAY	COMMON DISTINCT

Soil Profile	Class	Slope	Limiting Factor	
9	C	1-3 %	12.	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP-2 ☒ Test Pit ☐ Boring

1/2-1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SILT LOAM	FRIABLE	DK BN	
		RED	
SILT LOAM		YELLOW	
SILT LOAM	FIRM	OLIVE GRAY	COMMON DISTINCT

Soil Profile	Class	Slope	Limiting Factor	
9	C	4 %	12.	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

David Studer 275 10-11-97