GARY

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 Subdivision Lot #	Eastern AVE.

AUGUSTA 4445 TOWN COPY

Date Permit Issued: 7/6/99 $ 190.00 FEE ☐ If Double Fee Charged

Local Plumbing Insector Signature L.P.I. # 850

PROPERTY OWNERS NAME

Last: Dube First: Craig

Mailing Address of Owner: 32 Hicks Road, Augusta, Me. 04330

Daytime Tel. # 622-0529 (W) 626-3500

Municipal Tax Map # 11 Page # 227B

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.

Craig Dube
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

Rough insp 7-26-00 LRF.

8/1/00

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ First Time System
2. ☐ Multi-User System
3. ☐ Replacement System
4. ☐ Expanded System
   - ☐ One-time exempted
   - ☐ 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
2 acres ±

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
City or Drilled Well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ Concrete
   - ☒ Regular IF possible
   - ☒ Low Profile may be needed
2. ☐ Plastic

SIZE 1000 Gallons

DISPOSAL AREA TYPE/SIZE
1. ☒ Stone Bed 1100 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)
Three bedroom Home

DESIGN FLOW: 270 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
B	D

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 20-30 Gallons

SITE EVALUATOR'S STATEMENT

On 8/21/99 (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.

David P. Rocque — Site Evaluator Signature
154 — SE #
8/21/99 — Date
DAVID P. ROCQUE — Print Name
(207) 287-2666 — Telephone

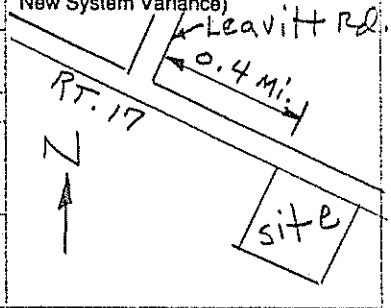
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

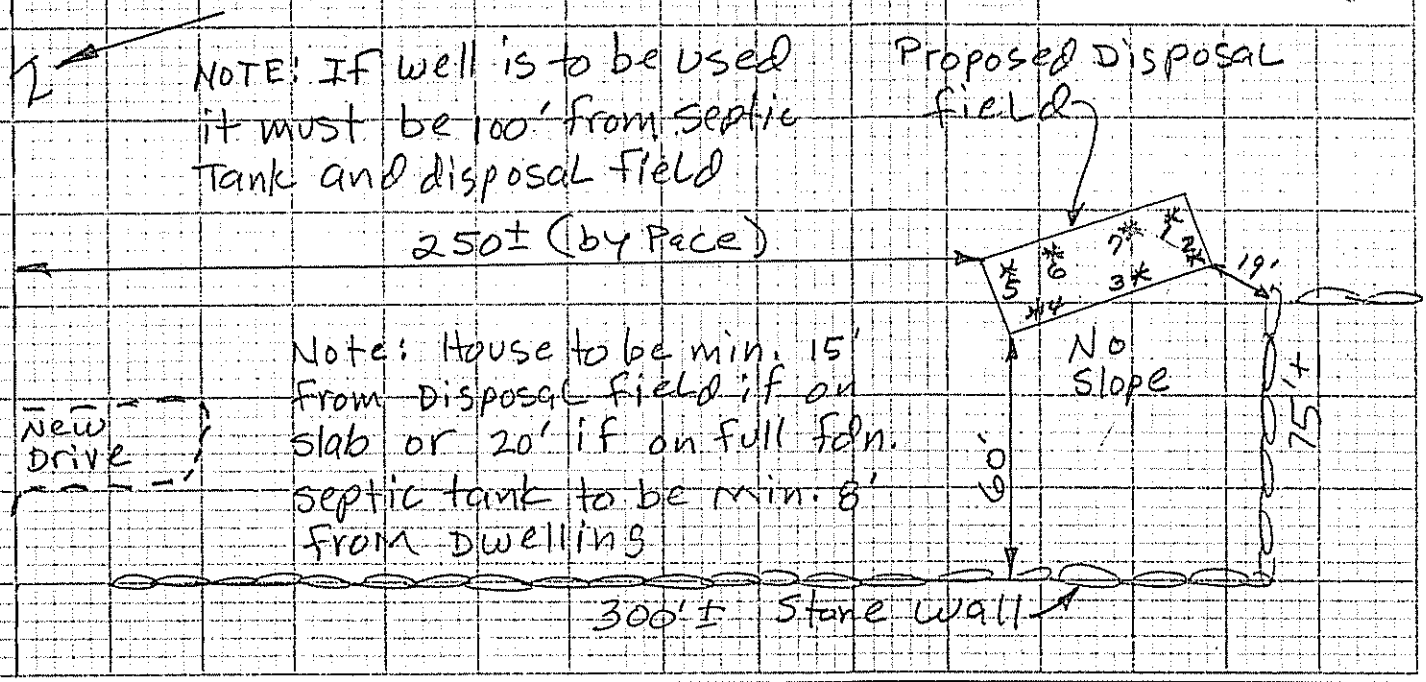
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RT. #17	Craig DUBE

SITE PLAN Scale 1" = 50 Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)





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

Observation Hole TP1 ☒ Test Pit ☐ Boring

3" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
gravelly Sandy Loam	Friable	Dark yellow Brown	NONE observed
Silt Loam to Silty Clay Loam	Firm to very Firm	olive Brown to olive gray	common distinct

Soil	Classification	Slope	Limiting Factor	
8 (Profile)	C (Condition)	0-1 %	15"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP2 ☒ Test Pit ☐ Boring

3 Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
gravelly Sandy Loam	Friable	Dark yellow Brown	NONE observed
Silt Loam to Silty Clay Loam	Firm to very Firm	olive Brown olive gray	common distinct

Soil	Classification	Slope	Limiting Factor	
8 (Profile)	D (Condition)	0-1 %	14"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rogue — Site Evaluator Signature

154 — SE#

8/21/99 — Date

HHE-200 Rev.1/84

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

Observation Hole TP3 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 8, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
gravelly sandy loam	Friable	Dark yellow Brown	NONE observed
Silt loam to silty clay loam	Firm to Very Firm	olive B. olive gray	common distinct

Soil Profile	Classification Condition	Slope	Limiting Factor	
B	D	0-1 %	12"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

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

Observation Hole TP4 ☒ Test Pit ☐ Boring

3" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 8, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
gravelly sandy loam	Friable	Dark yellow Brown	NONE observed
LIMIT OF EXCAVATION DUE TO ROCKS			

Soil Profile	Classification Condition	Slope	Limiting Factor	
2/3	B/C/A	0-1 %	24+	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole TP5 & TP6 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 8, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
gravelly sandy loam	Friable	Dark yellow Brown	NONE observed
Bedrock			

Soil Profile	Classification Condition	Slope	Limiting Factor	
2	B/A	0-1 %	18-20	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock

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

Observation Hole TP3 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 8, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
gravelly sandy loam	Friable	Dark yellow Brown	NONE observed
	Firm to Very Firm	olive Brown to olive gray	common distinct

Soil Profile	Classification Condition	Slope	Limiting Factor	
7	C	0-1 %	18"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rocque
Site Evaluator Signature

154
SE#

8/21/99
Date

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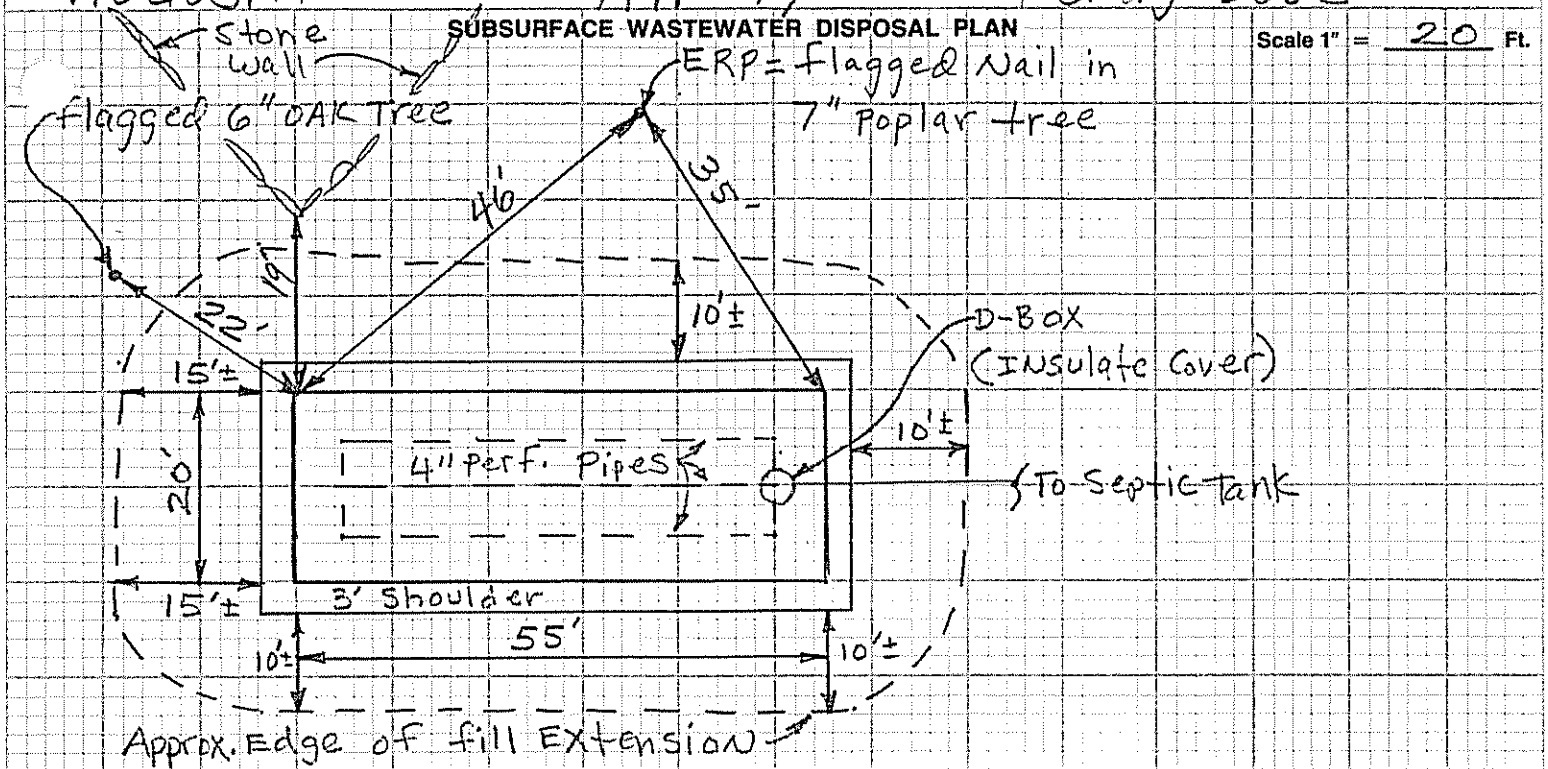
AUGUSTA	RT. #17	Craig Dube

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Disposal field to be 20'x55' stone bed with 3-4" perforated pipes spaced 5' apart and 5' from sides and ends of bed.

Note: D-Box can be at either end of Disposal field.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	30-31"	Reference Elevation is	0"	Flagged Nail in 7" Poplar tree 29" above gd.
Depth of Fill (Downslope)	40"	Bottom of Disposal Area	-42"	
		Top of Distribution Lines or Chambers	-32"	

DISPOSAL AREA CROSS SECTION

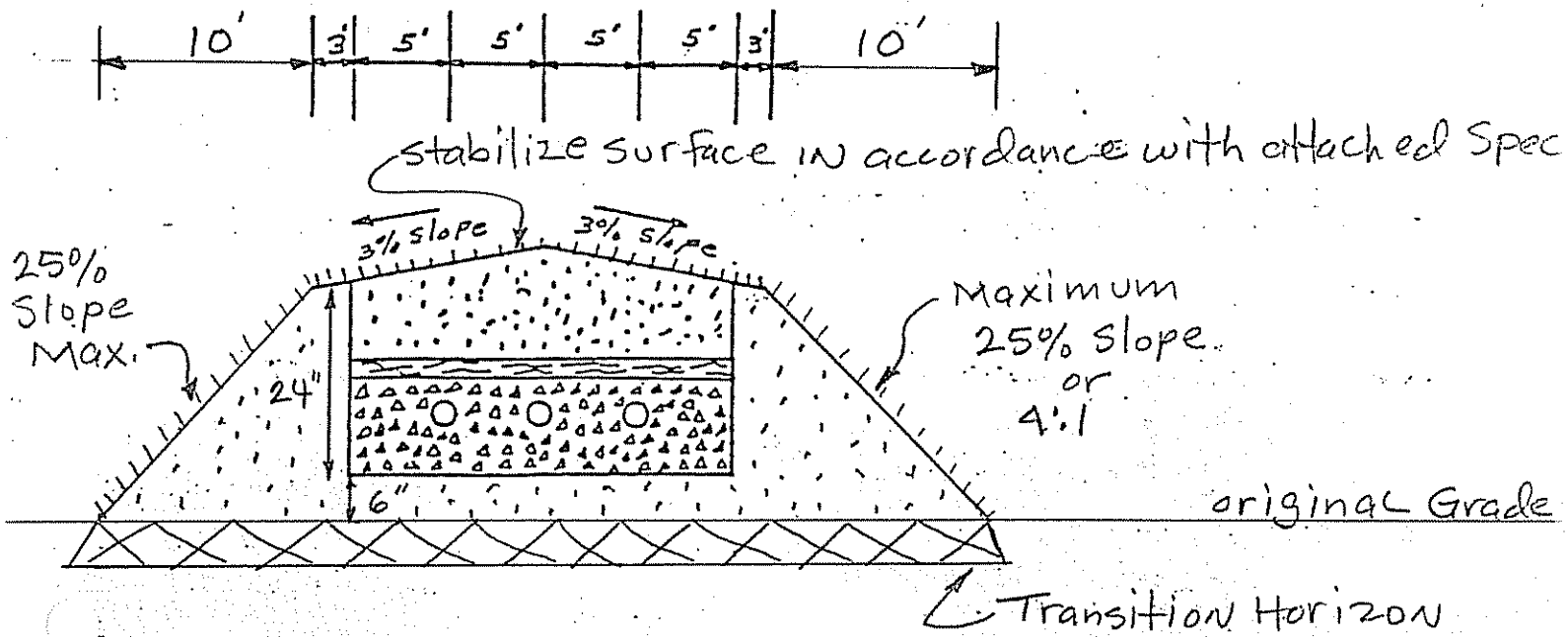
Scale:
Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

SEE NEXT SHEET

David P. Rocque — Site Evaluator Signature
154 — SE#
8/21/99 — Date

Subsurface Absorption Area Cross-Section

(Not to Scale)



Bed Consists of:

1. 12" of 3/4"-2 1/2" stone; 6" under pipe and 2" over pipe.
2. 2" of compressed hay over stone, or Approved filter fabric.
3. 8" of gravelly coarse sand fill, over hay/fabric.
4. Top of bed to be stabilized with loam AND SEED.

Note:
Remove organic matter and scarify soil before installing bed and fill.

Transition Horizon:

Remove the organic soil horizon from beneath the Disposal Area and fill extension Area, Mix in 6" Minimum gravelly Coarse Sand fill, then bring to grade with gravelly Coarse sand fill.

Gravelly Coarse Sand Fill Shall Have Approx.:
15%-30% gravel
2%-8% fines
No more than 2% clay

Care should be taken to AVOID compacting the soil under the Leach field and FILL Area. This would eliminate the Natural Soil Pores and Severely Limit the soil's Ability