Called 2/25/02 1:30

Red Barn

FORMS

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-8672 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation: AUGUSTA

Street or Road: 455 RIVERSIDE DRIVE

Subdivision, Lot #:

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

AUGUSTA 5026 TOWN COPY

Date Permit Issued: 2/25/03 $ 100.00 ☐ If Double Fee Charged

Local Plumbing Inspector Signature

L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): BENEDICT, LAURA (Owner / Applicant)

Mailing Address of ☒ Owner ☐ Applicant: 455 RIVERSIDE DRIVE, AUGUSTA, ME 04330

Daytime Tel #:

Municipal Tax Map # 49 Lot # 13

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 of Owner or Applicant — Date 11/27/02

Caution: Inspections 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 — (1st) Date Approved — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION
1. ☐ First Time System
2. ☒ Replacement System
Type Replaced: CHAMBERS
Year Installed: 1985
3. ☐ Expanded System
   ☐ One-time exempted
   ☐ Non-exempted
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:
12. ☒ Miscellaneous components 1000 GALLON GREASE TRAP

SIZE OF PROPERTY
+ 4 ☐ sq. ft. ☒ acres

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
1. ☐ Single Family Dwelling Unit, No. of Bedrooms:
2. ☐ Multiple Family Dwelling, No. of Units:
3. ☒ Other: RESTAURANT (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:
CAPACITY 1500 gallons
INSTALL - 2 - IN SERIES

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 10,000 ☒ 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
1,454 gallons per day
BASED ON:
1. ☐ Table 501.1 (dwelling unit(s)
2. ☒ Table 501.2 (other facilities)
SHOW CALCULATIONS
– for other facilities –
40 SEATS (INSIDE) x 20 GPD = 800 GPD
+ 72 SEATS (OUTSIDE) x 7 GPD = 504 GPD
3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA
10 EMPLOYEES x 15 = 150 GPD

SOIL DATA & DESIGN CLASS
PROFILE / CONDITION / DESIGN
at Observation Hole # 2
Depth 16" 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

SITE EVALUATOR STATEMENT

I Certify that on 9/14/02 (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 # 226 — Date 9/17/02

VAUGHN L. SMITH — Site Evaluator Name Printed — Telephone # 724-5635

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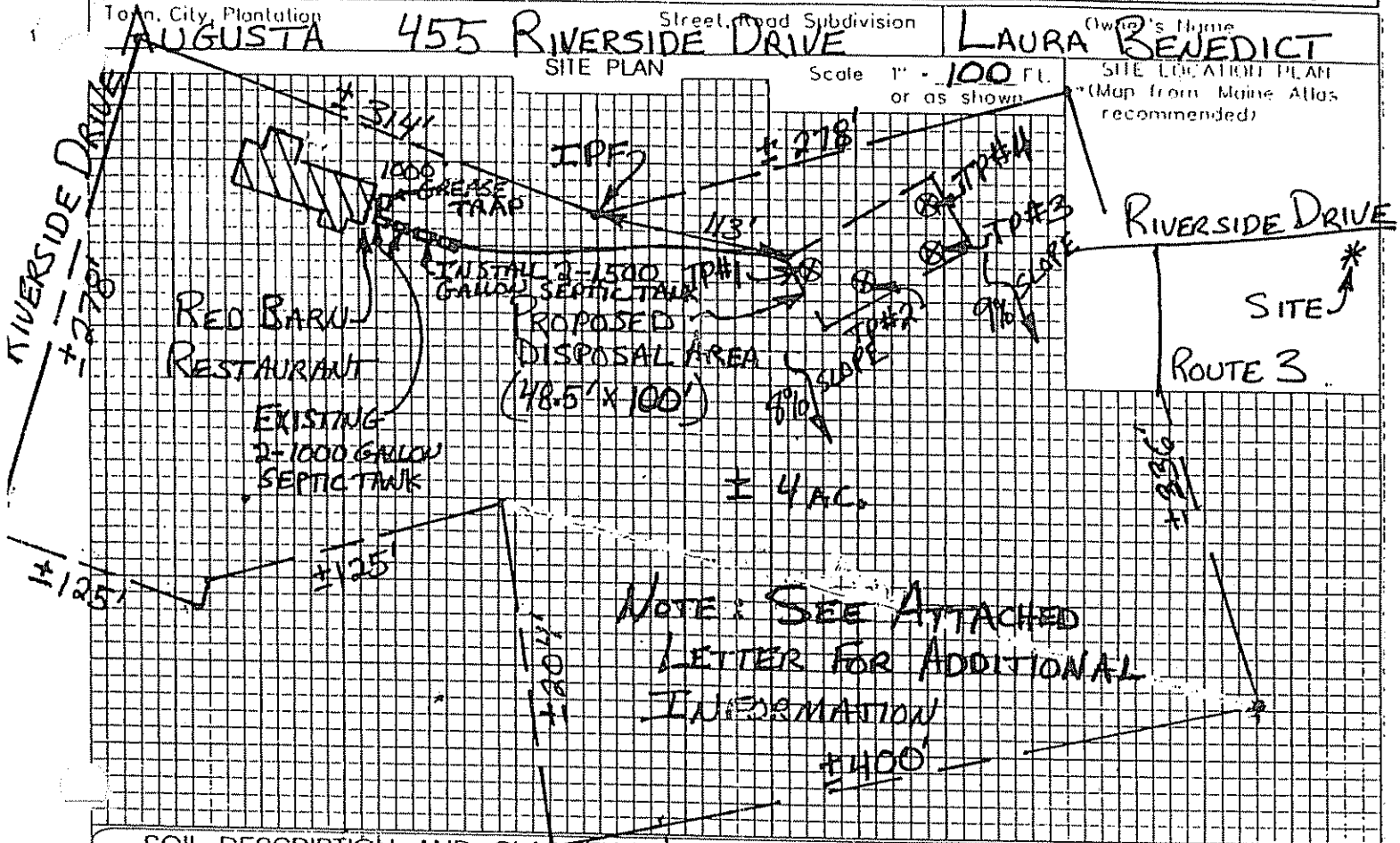
Town, City, Plantation: AUGUSTA
Street, Road Subdivision: 455 RIVERSIDE DRIVE
Owner's Name: LAURA BENEDICT

SITE PLAN — Scale 1" = 100 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
0–10	LOAM	FRIABLE	BROWN	NONE
10–20				
20–30			OLIVE	FEW FAINT
30–40		FIRM		
40–50				

Soil Classification	Slope	Limiting Factor	
1 (Profile) C (Condition)	10	16"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth

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

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10	COBBLY	FRIABLE	YELLOWISH BROWN	NONE
10–20	VERY			
20–30	FINE		PALE OLIVE	FEW FAINT
30–40	SANDY	FIRM		
40–50	LOAM			

Soil Classification	Slope	Limiting Factor	
1 (Profile) C (Condition)	7	16"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth

[signature] — Site Evaluator Signature
226 — SE #
9/17/02 — Date

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	455 RIVERSIDE DRIVE	LAURA BENEDICT

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

Observation Hole #3 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
FINE SANDY LOAM	FRIABLE	BROWN	NONE
SILT LOAM	FIRM	PALE OLIVE	FEW FAINT

Soil Profile	Classification Condition	Slope %	Limiting Factor	
1	C	9	16	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole #4 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
LOAM	FRIABLE	YELLOWISH BROWN	NONE
	FIRM	PALE OLIVE	FEW FAINT

Soil Profile	Classification Condition	Slope %	Limiting Factor	
1	C	6	16	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling

Soil Profile	Classification Condition	Slope %	Limiting Factor	
				☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling

Soil Profile	Classification Condition	Slope %	Limiting Factor	
				☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature: Vaughn L. [illegible]

SE#: 226

Date: 9/17/02

HHE-200 Rev. 1/04

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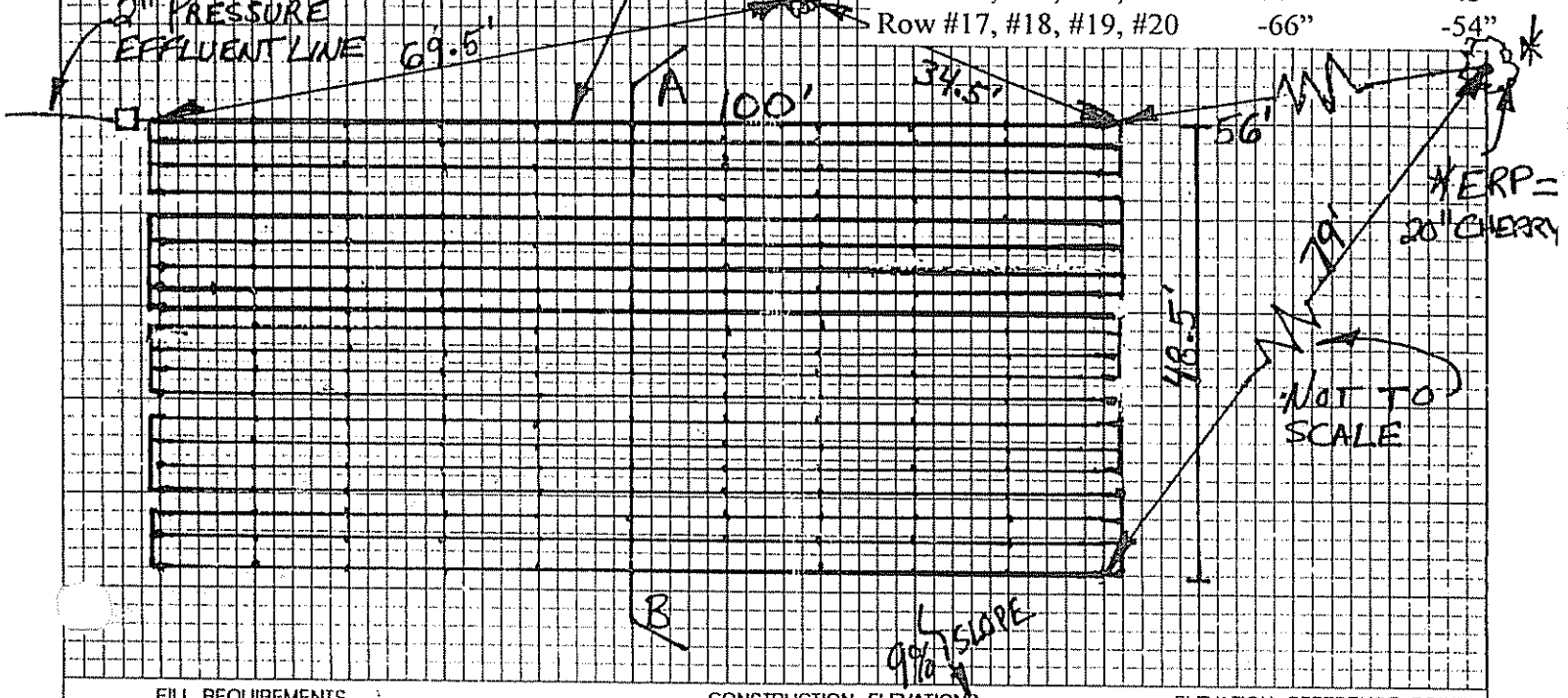
SUBSURFACE WASTEWATER DISPOSAL PLAN **Construction Elevations** 1" = 20 FT.

20 ROWS OF 10 = 10 FT. LENGTHS OF ENVIRO SEPTIC LEACHING PIPE (200 - 12" X 10 FT LENGTHS) 2.5' ON CENTER

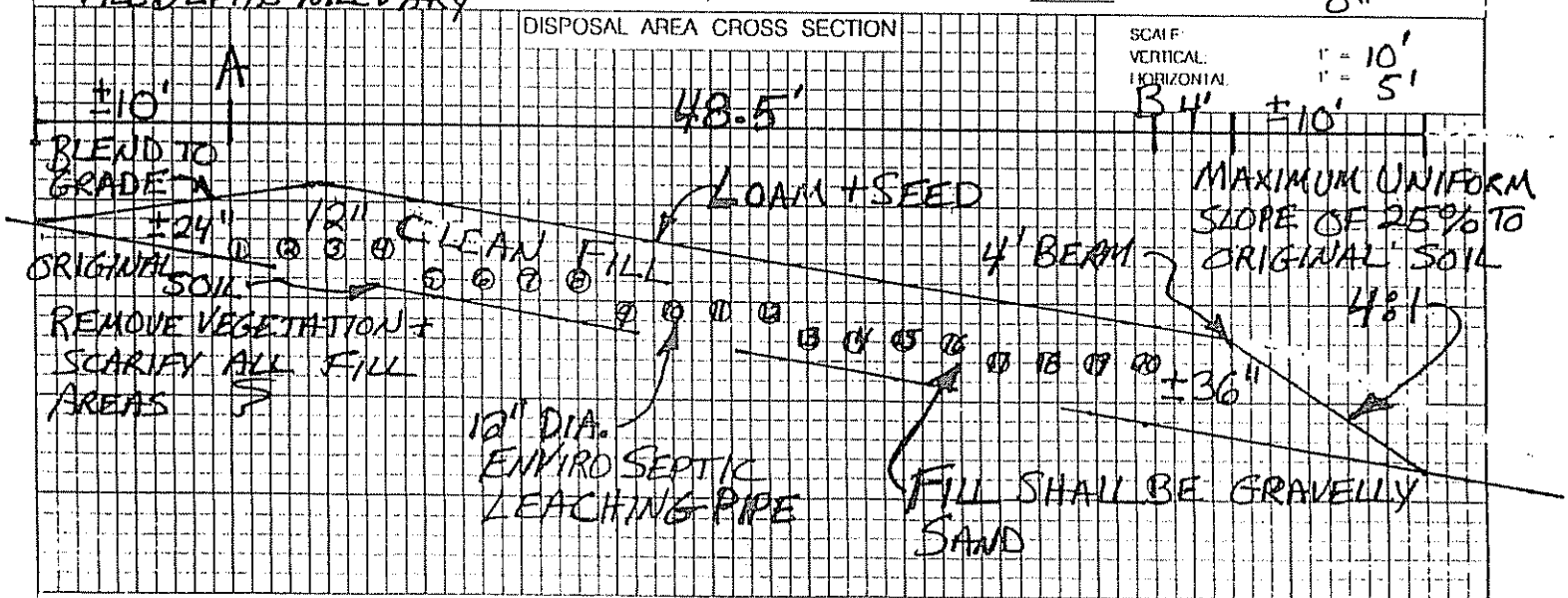
	Bot of Pipe	Top of Pip
Row #1, #2, #3, #4	-30"	-18"
Row #5, #6, #7, #8	-39"	-27"
Row #9, #10, #11, #12	-48"	-36"
Row #13, #14, #15, #16	-57"	-45"
Row #17, #18, #19, #20	-66"	-54"



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	24"	Finished Grade Elevation	SEE ABOVE	Location & Description	20" CHERRY W/NAIL 75" ABOVE GROUND
Depth of Fill (Downslope)	36"	Top of Distribution Pipe or Proprietary Device		Reference Elevation	0"
FILL DEPTHS WILL VARY		Bottom of Disposal Area			

DISPOSAL AREA CROSS SECTION

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



Site Evaluator Signature: Vaughn L. [illegible]
SE: 226
Date: 9/17/02