Town

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

2-92

AUGUSTA Caution PERMIT # 1,422 TOWN COPY

Date Permit Issued 9/7/88 $ 140.00 FEE ☐ If Double Fee Charged

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

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	West River Rd

PROPERTY OWNERS NAME

Last: Simpson First: Thomas

Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	PO Box 2282 Augusta Me 04330

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

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.

Local Plumbing Inspector Signature — Date Approved 12-16-88

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY	ZONING
1 ac	Rural

THIS APPLICATION REQUIRES:
1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
   a. ☐ Requiring Local Plumbing Inspector Approval
   b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:
COMPLETE SYSTEM
1. ☒ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
Proposed Drilled

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular or ☒ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET
SPECIFY: _____

PUMPING
1. ☐ NOT REQUIRED
2. ☒ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE: 60 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3 Bedroom minimum flow

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	A/C III

DEPTH TO LIMITING FACTOR: 29/16.

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 459 Sq. Ft. ☐ REGULAR ☐ H-20 In fill
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 270 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

On 8/22/88 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature — SE# 201 — Date 8/22/88

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

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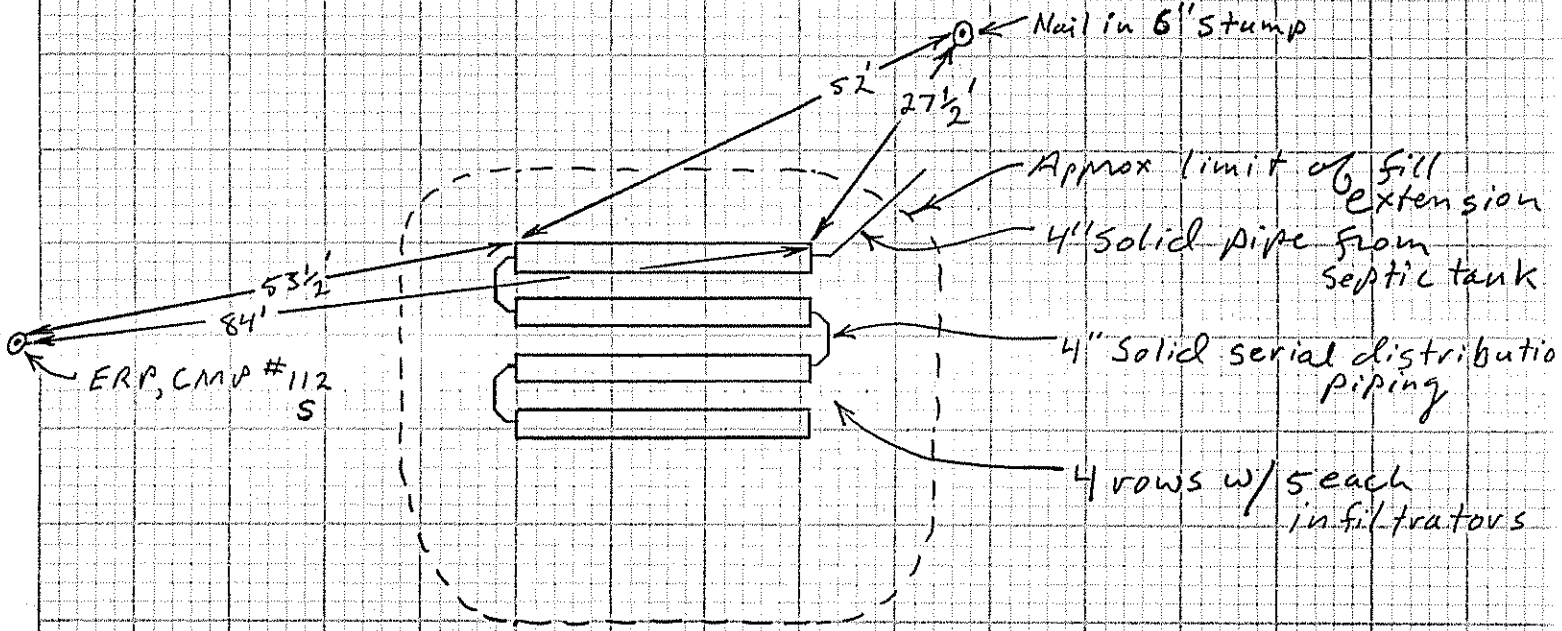
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	W. River Rd	Simpson

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

- All construction to be in accordance w/ state plumbing code



- Drainage Area (infiltrators) to be at least 100' from well and at least 20' from house
- septic tank to be at least 75' from well and at least 8' from house.
- Final grade to divert surface water runoff and to prevent ponding.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	24"	Reference Elevation is		ERP is reel flagged nail in CMP Pole # 112/S (shown)
Depth of Fill (Downslope)	24"	Bottom of Disposal Area		
		Top of Distribution Lines or Chambers		

DISPOSAL AREA CROSS SECTION

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

See Attached

Hamilton Beazley
Site Evaluator Signature

201
SE#

8/22/88
Date

HHE-200 Rev.1/84

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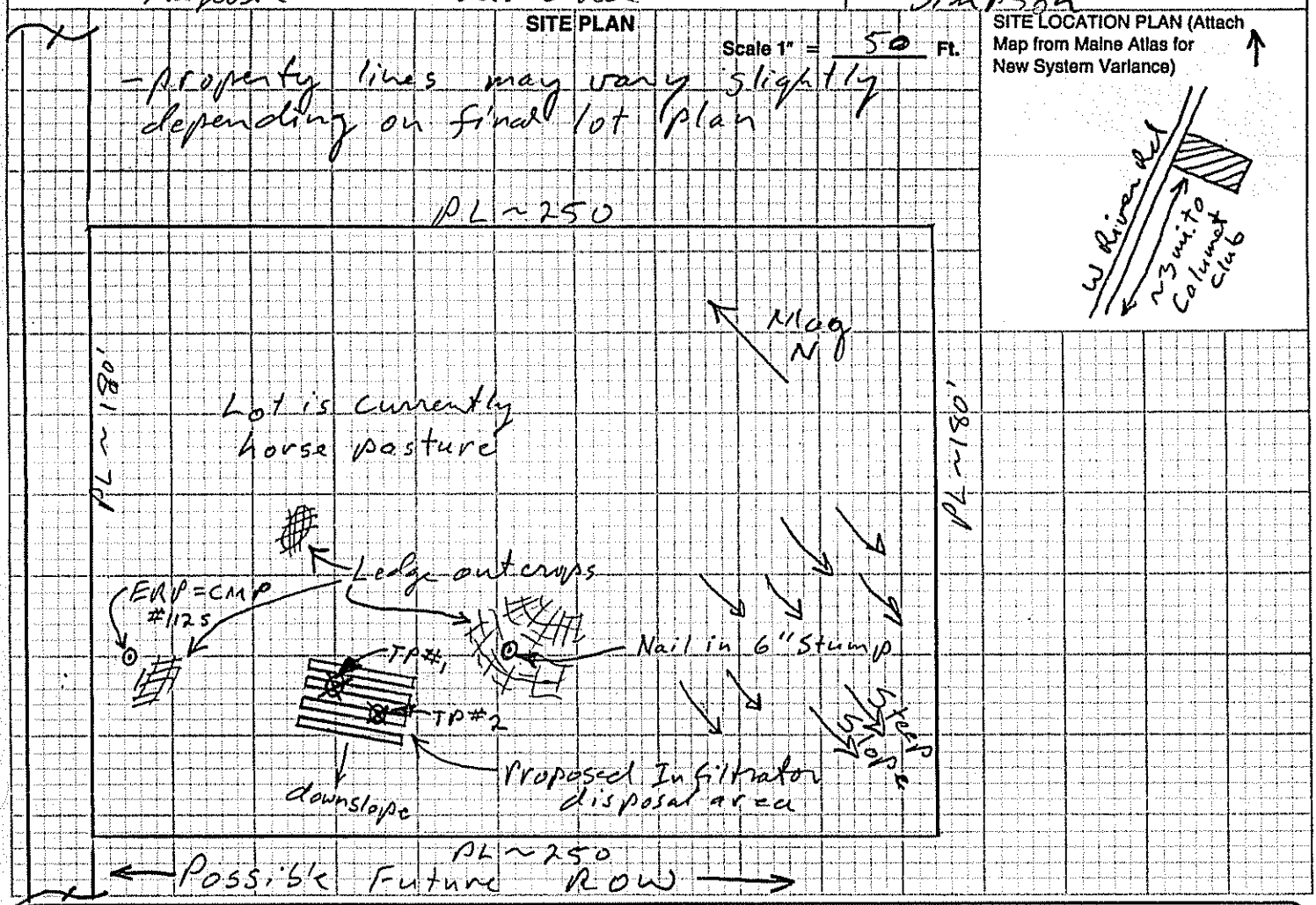
Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	W. River Rd	Simpson

SITE PLAN

Scale 1" = 50 Ft.

- property lines may vary slightly depending on final lot plan



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

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 (Inches)	Texture	Consistency	Color	Mottling
0–6	Stoney Sandy Loam	Friable	DK. Br.	
6–10			Or. Br.	
10–15	Very Sandy Loam		Yl. Br.	
15–20	medium Sand	Firm	Grey Br.	Faint
30–40	Bedrock			

Soil	Classification	Slope	Limiting Factor	
3 Profile	A/C III Condition	11 %	19"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock 37"

Observation Hole TP #2 ☒ Test Pit ☐ Boring

0" Depth of Organic Horizon Above Mineral Soil

Depth (Inches)	Texture	Consistency	Color	Mottling
0–6			DK Br	
6–10			Yl Br	
10–15			Med Br	
15–20			Grey Br	Faint
30–40	Bedrock			

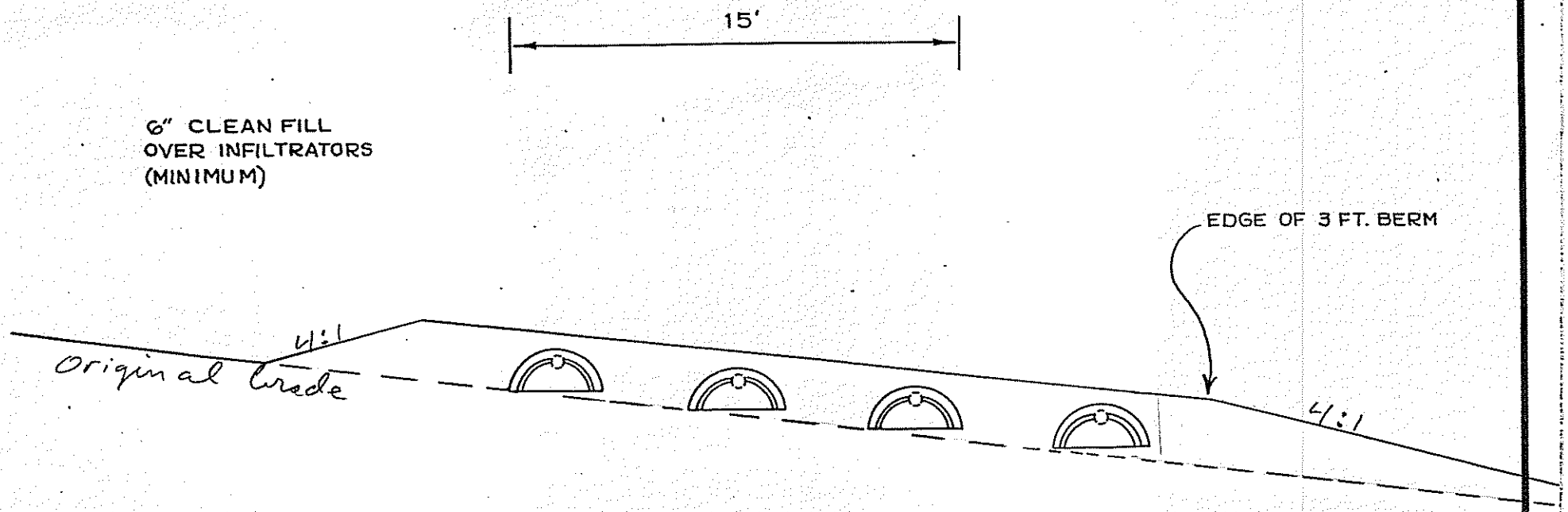
Soil	Classification	Slope	Limiting Factor	
3 Profile	A/C III Condition	11 %	27"	☐ Ground Water 16" ☐ Restrictive Layer ☒ Bedrock

Site Evaluator Signature

SE# 201

Date 8/22/88

INFILTRATOR CROSS SECTION 11-12%



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE } Sandy loam to Loamy Sand { TEXTURE.

FILL AROUND INFILTRATORS TO BE } Sandy loam to Loamy Sand { TEXTURE.

SITE EVALUATOR: Hamton Bispham			
OWNER: Thomas Simpson		NUMBER OF INFILTRATORS: 20	PERCENT SLOPE: ~11%
LOCATION: Augusta, W. River Rd		ELEVATIONS: Reference Pt. 0'00'	
		BOTTOM Trench #1 -51" 36"	BOTTOM TRENCH #2 -59 44"
DATE: 8/22/88	SCALE: 1 INCH = ~~5 FEET~~	BOTTOM TRENCH #3 -67 50"	BOTTOM TRENCH #4 -75 60"