SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

62384186

49-13

AUGUSTA PERMIT # 1,327 TOWN COPY

Date Permit Issued? 5-25-88 $ 30.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 808

Revised Copy see back set 9-9-88

PROPERTY ADDRESS

Town Or Plantation	AugustA
Street Subdivision Lot #	Riverside DRIVE

PROPERTY OWNERS NAME

RED BARN DRive IN

Last: First:

Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	Riverside DRive AUGUSTA, MAINE

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] 5/23/88

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

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: 1 ± AC.
ZONING:

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 DRIVE IN Restaurant
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
City WATer

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC
SIZE: EXISTING 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: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
40 SEATS

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
2	A

DEPTH TO LIMITING FACTOR: 22.

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 _____ Sq. Ft.
☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 600 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

The pump chamber must be equiped with an audible high level alarm. Aff.

On 3-5-1986 (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.

[signature] 132 10-28-87

Site Evaluator Signature SE# Date

MAY 2 3 1988

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

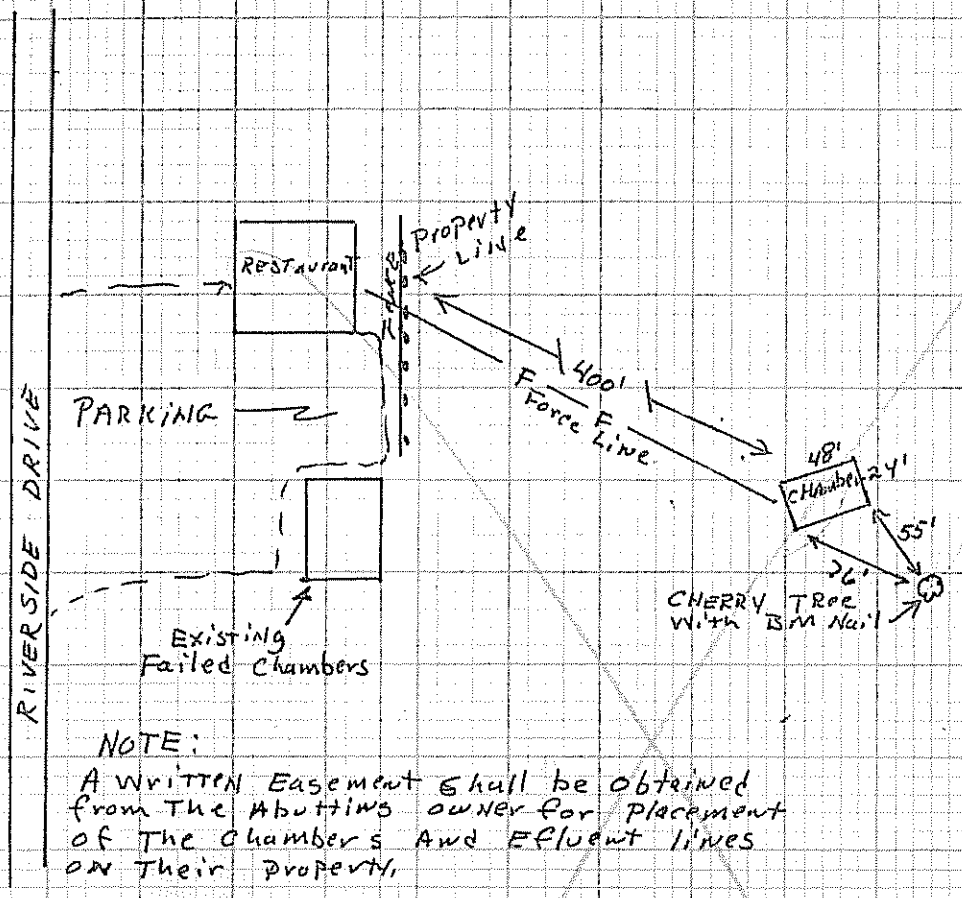
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	Riverside DRIVE	RED BARN DRIVE IN

SITE PLAN

Scale 1" = 100 Ft.

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



NOTE:
A written Easement shall be obtained from the Abutting owner for placement of the Chambers And Effluent lines on Their property.

1. Property lines as indicated by owner, or owner's agent.
2. System shall be installed in accordance with the Maine State Plumbing Code.
3. Scarify original ground before placing fill.
4. Fill shall be clean sand/loam placed in 8" compacted lifts.
5. Bed shall be at least 20' from house. Tank shall be at least 8' from house.
6. Well shall be at least 100' from tank and bed.
7. Site shall be graded in a manner which will divert surface water from the bed.
8. This site evaluation and design has been done in compliance with the Me. St. Plumbing Code. The approval and/or design may be subject to more restrictive local ordinances. The local plumbing inspector should be contacted for final review and approval.

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)	Texture	Consistency	Color	Mottling
0–6	SANDY LOAM	FRIABLE	BROWN	
6–15			Reddish Brown	
15–20			GRAY	Evident
20–50		BEDROCK		

Soil Profile	Classification Condition	Slope %	Limiting Factor	
2	A	9	22	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–50				

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

Site Evaluator Signature: [signature]

SE#: 132

Date: 10-27-87

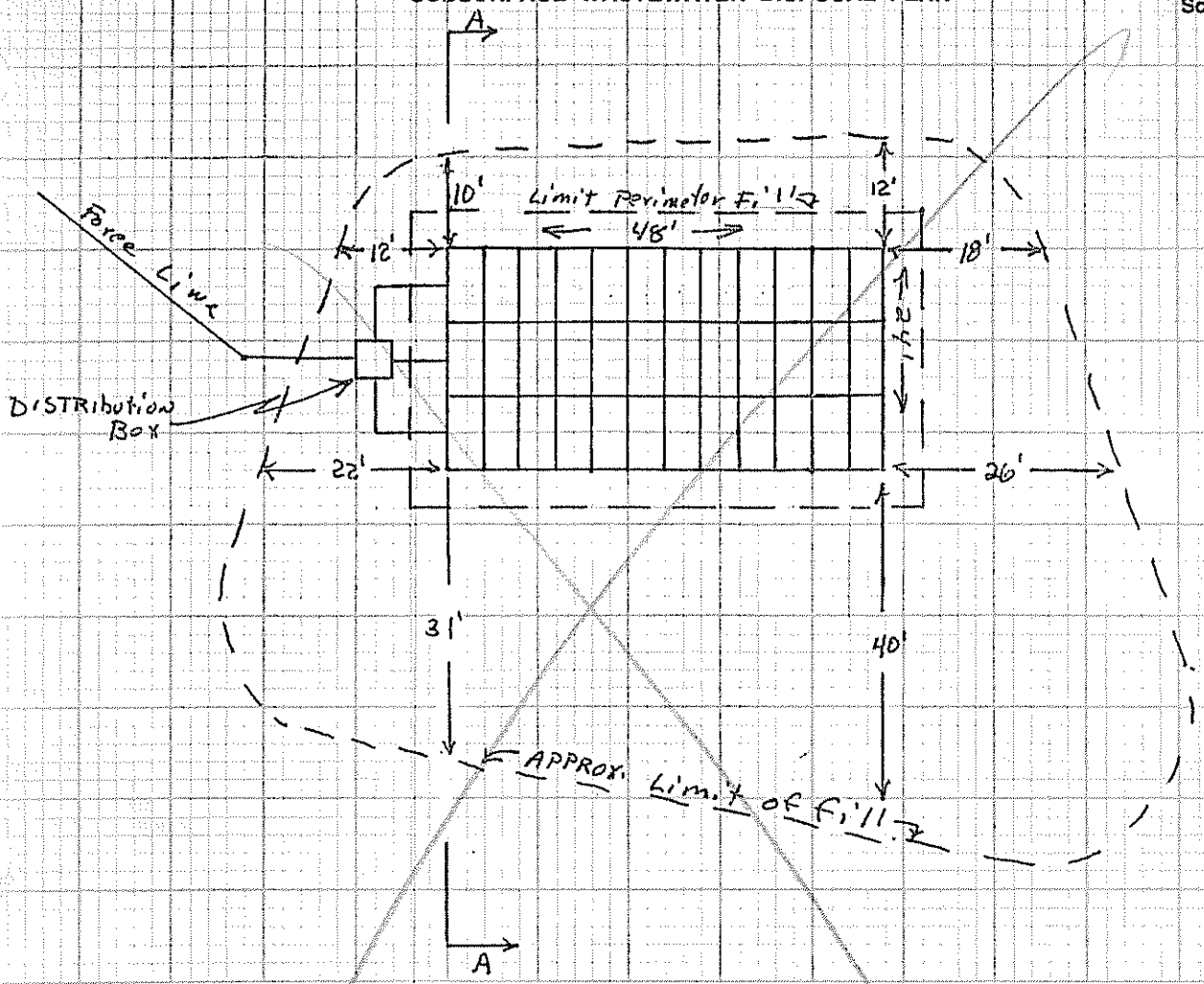
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Riverside Drive	Red Barn Drive-In

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 31"

Depth of Fill (Downslope) 67"

CONSTRUCTION ELEVATIONS

Reference Elevation is 0'-0"

Bottom of Disposal Area + 3'-4"

Top of Distribution Lines or Chambers + 4'-11"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

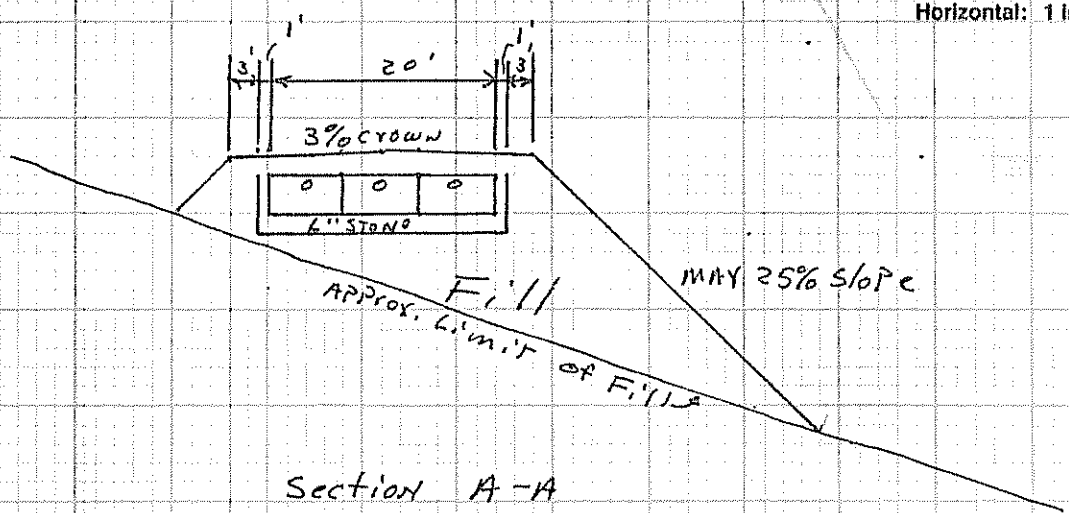
Nail in cherry Tree

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 5 Ft.

Horizontal: 1 inch = 20 Ft.



Section A-A

Terry Coleman — Site Evaluator Signature

132 — SE#

10-27-87 — Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town/Or Plantation: AUGUSTA

Street Division Lot #: RIVERSIDE DRIVE

PROPERTY OWNERS NAME

REG BARN DRIVE IN

Last: BREWER First: WARREN

Applicant Name:

Mailing Address of Owner/Applicant (If Different): C/O PAUL BONENFANT RFD # 3 BOX 1240 AUGUSTA, MAINE 04330

This revision to go with permit #1327 issued 5/25/88 [illegible]

Caution: Permit Required

The Subsurface Wastewater Disposal System shall not be installed until a Permit is attached here by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

City Copy

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.

Paul Bonenfant 9-9-88
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.

[illegible] 9/14/88
Local Plumbing Inspector Signature — Date Approved

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: 1 ± ACRE

ZONING:

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 DRIVE-IN RESTAURANT
   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: CITY WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

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

SIZE: EXISTING 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: 75 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
40 SEATS

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
2	A

DEPTH TO LIMITING FACTOR: 18"

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 764 IN F/L S Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 676 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

Pumpchamber must be equipped with a high level alarm. [illegible]

On 8/29/88 (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.

[illegible] — Site Evaluator Signature
132 — SE#
9/8/88 — Date

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

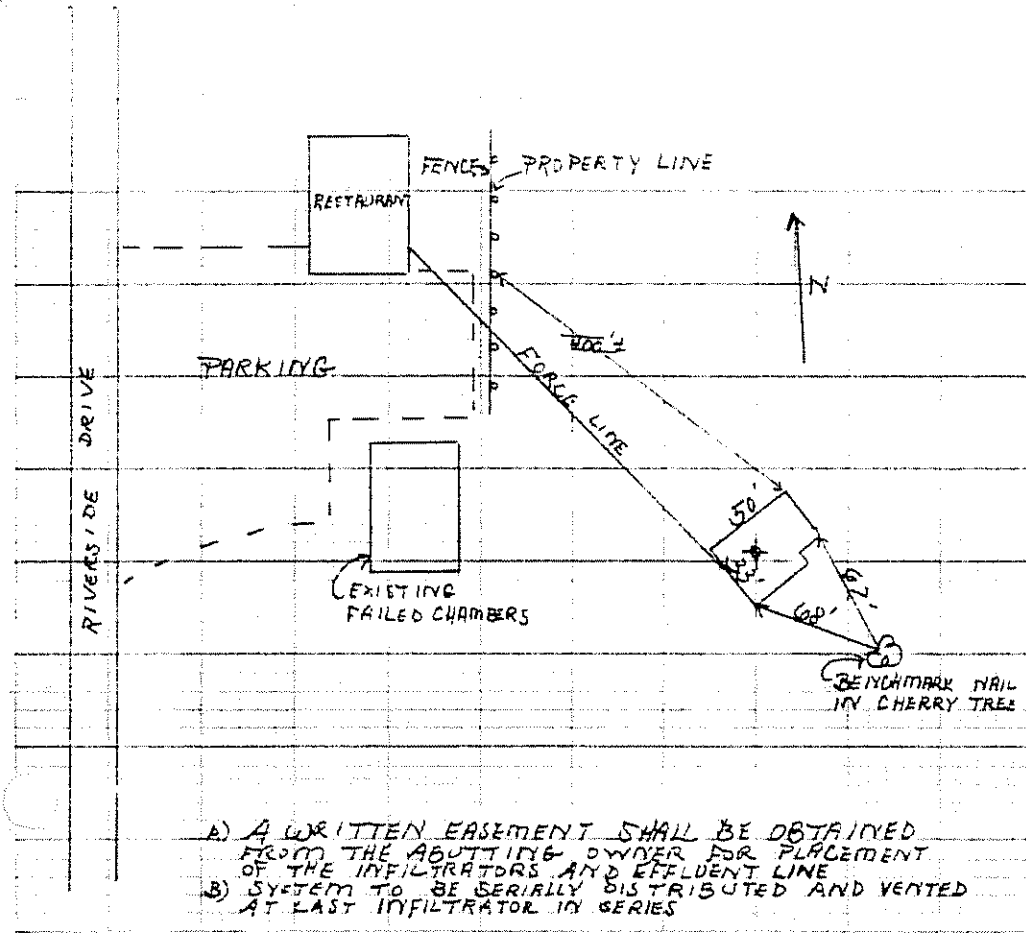
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RIVERSIDE DRIVE	BREWER, WARREN

SITE PLAN

Scale 1" = 100 Ft.

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



A) A WRITTEN EASEMENT SHALL BE OBTAINED FROM THE ABUTTING OWNER FOR PLACEMENT OF THE INFILTRATORS AND EFFLUENT LINE
B) SYSTEM TO BE SERIALLY DISTRIBUTED AND VENTED AT LAST INFILTRATOR IN SERIES

1. Property lines as indicated by owner, or owners agent.
2. System shall be installed in accordance with the Me. St. Plumbing Code.
3. Scarify original ground before placing fill.
4. Fill shall be clean sandy loam placed in 8" compacted lifts.
5. Bed shall be at least 20' from house. Tank shall be at least 8' from house.
6. Well shall be at least 100' from tank and bed.
7. Site shall be graded in a manner which will divert surface water from the bed.
8. This site evaluation & design has been done in compliance with the Me. St. Plumbing Code. The approval and/or design may be subject to more restrictive local ordinances. The local Plumbing Inspector should be contacted for final review and approval.

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)

Depth	Texture	Consistency	Color	Mottling
0	SANDY	FRIABLE	BROWN	
6	LOAM		REDDISH BROWN	
10				
15				
20			GRAY	EVIDENT
30				
40				
50				

Soil	Classification	Slope	Limiting Factor	
2 (Profile)	A (Condition)	9 %	18"	■ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

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

Site Evaluator Signature

132
BE#

9/8/93
Date

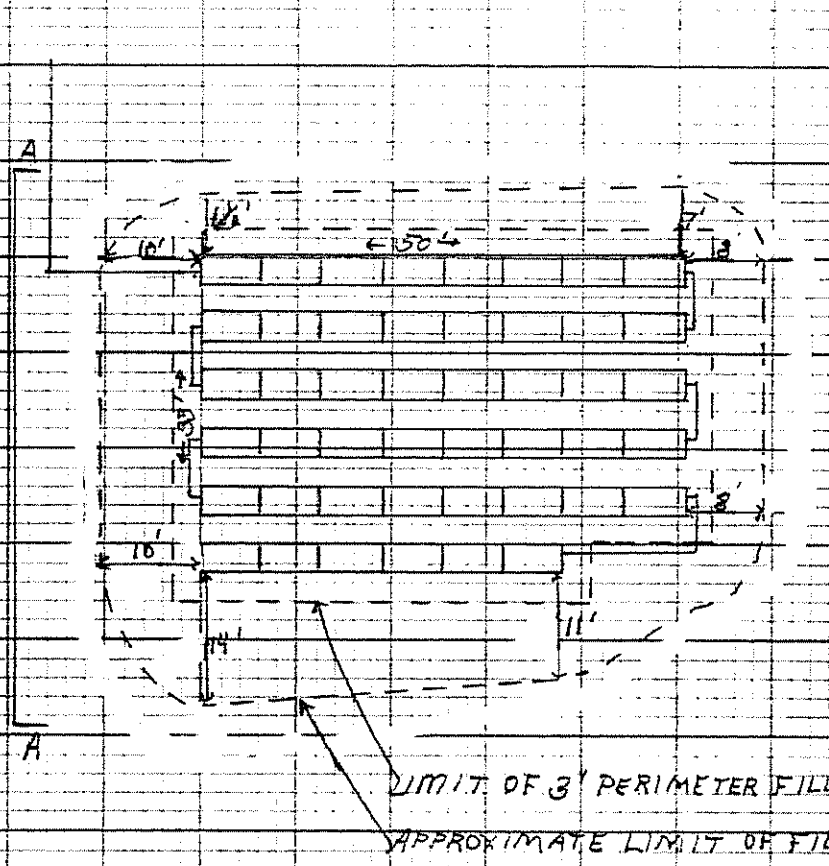
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RIVERSIDE DRIVE	BREWER, WARREN

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



46 INFILTRATORS

* SYSTEM TO BE SERIALLY DISTRIBUTED AND VENTED AT LAST INFILTRATOR IN SERIES

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	19"	Reference Elevation is	0'00"	BENCHMARK NAIL IN CHERRY TREE
Depth of Fill (Downslope)	19"	Bottom of Disposal Area	SEE	
		Top of Distribution Lines or Chambers	ENCLOSURE	

DISPOSAL AREA CROSS SECTION

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

SEE ENCLOSURE

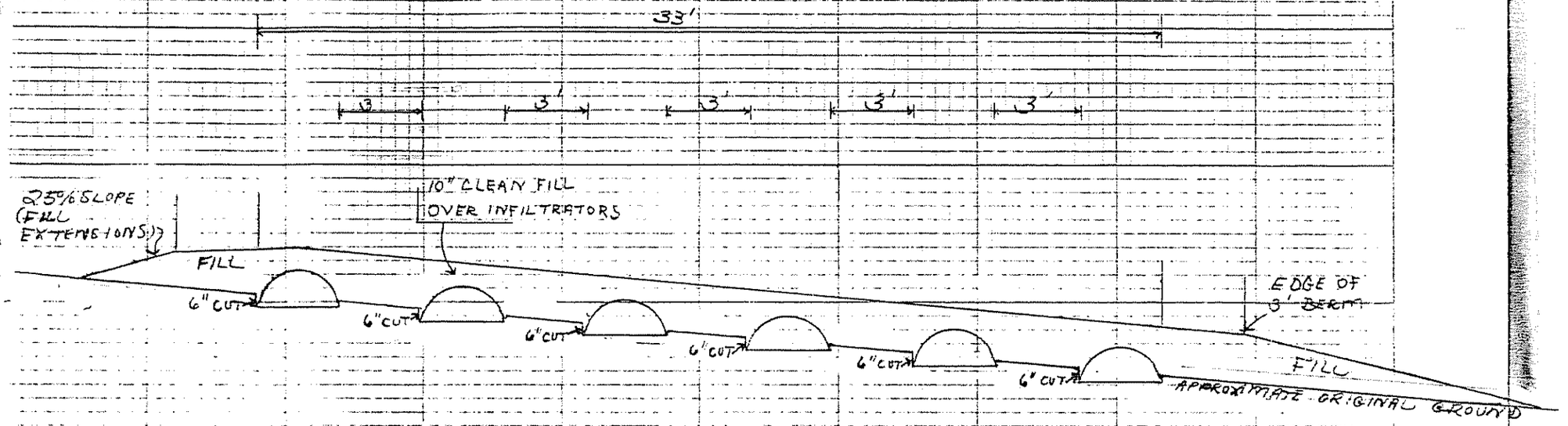
[signature] Site Evaluator Signature

132 SE#

9/8/88 Date

Page 3 of 3
HHE-200 Rev. 1/84

INFILTRATOR CROSS SECTION 9%



SECTION A-A

NOTES:

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

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE SANDY LOAM

FILL AROUND INFILTRATORS TO BE SANDY LOAM

SITE EVALUATOR: TERRY D. ADAMS

BREWER, WARREN

AUGUSTA

8/29/88

NUMBER OF INFILTRATORS: 46

PERCENT SLOPE: 9%

0'00"

#1 (+33")

#2 6"

#20"

BOTTOM TRENCH #4 (+13") #5 (+6") #6 (-1")

GRANT OF EASEMENT

KNOW ALL MEN BY THESE PRESENTS, that we, Joyce E. Gray and Pauline B. Peters, trustees of the R. L. B. ESTATE TRUST, in consideration of one dollar ($1.00) and other valuable consideration to us in our said capacities paid by RED BARN, INC., a Maine business corporation whose mailing address is 455 Riverside Drive, Augusta, ME 04330, the receipt whereof we do hereby acknowledge, do hereby GIVE and GRANT unto the said Red Barn, Inc., its successors and assigns, forever, the perpetual right and easement to maintain a subsurface waste water disposal system, including a septic tank and appurtenant leach field, on a portion of the premises conveyed by Joyce E. Gray, et al., personal representatives u/w/o Ruth L. Brewer, to the within grantors by deed dated June 12, 1985, recorded in Kennebec County Registry of Deeds, Book 2811, Page 308, said portion being (1) a strip of land twenty (20) feet wide and approximately four hundred (400) feet long, extending Southeasterly from premises described in a deed from Brewer's Dairy Farm Ice Cream, Inc. to the within grantee dated October 31, 1986, recorded in said Registry, Book 3049, Page 345, the center line of which strip is shown on a document entitled "Subsurface Waste Water Disposal Application" directed to the Maine Department of Human Services, Division of Health Engineering, dated October 28, 1987, as "Force Line"; and (2) a lot surrounding the distribution box and leach field of said disposal system, the area of which is shown on aforesaid document.

IN WITNESS WHEREOF, we, the said Joyce E. Gray and Pauline B. Peters, trustees as aforesaid, have hereunto set our hands

this 27 day of July, 1988.

Signed, Sealed and Delivered
in the Presence Of

R.L.B. ESTATE TRUST

JUL 27 1988

By: Joyce E. Gray, Trustee
Joyce E. Gray, Trustee

July 25, 1988

By: Pauline B. Peters
Pauline B. Peters, Trustee

State of Maine
Kennebec, ss.

, 1988

Personally appeared the above-named Joyce E. Gray, Trustee as aforesaid, and acknowledged the foregoing instrument to be her free act and deed in her said capacity.

Before me,

Lauren Stewart
Notary Public

Typed/Printed Name of Notary Public

LAUREN [illegible]
NOTARY PUBLIC, MAINE
MY COMMISSION EXPIRES JUNE 22, 1993

4677

GRANT OF EASEMENT

From

R.L.B. ESTATE TRUST

To

RED BARN, INC.

Dated:

PIERCE, ATWOOD, SCRIBNER,
ALLEN, SMITH & LANCASTER
77 WINTHROP STREET
AUGUSTA, MAINE 04330