SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	Riverside Drive

PROPERTY OWNERS NAME

Last: Brewer First: Warren

Applicant Name:	Brewer's Dairy Riverside Drive
Mailing Address of Owner/Applicant (If Different)	Augusta, Me 04330

Town

AUGUSTA 1771 TOWN COPY

Date Permit Issued: 10/16/89 $ $40.00 FEE ☐ If Double Fee Charged

Gary R. Tuttle
Local Plumbing Inspector Signature L.P.I. # 1050

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.

Warren Brewer 10/16/89
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.

Gary R. Tuttle Oct. 19, 1989
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 56
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☒ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

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 Commercial Office
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

SIZE OF PROPERTY	ZONING
2 acr	Commercial

TYPE OF WATER SUPPLY
City Water

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC
SIZE: 1000 gallon Heavy Duty 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: 50 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3 office workers @ 15
15 Drivers @ 10 gpd
Floor Drains @ 75 gpd

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 28.

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

DESIGN FLOW: 270 (GALLONS/DAY)

SITE EVALUATOR STATEMENT

On Sept 23, 1989 (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.

William P Brown — Site Evaluator Signature
188 — SE#
9/25/89 — Date

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

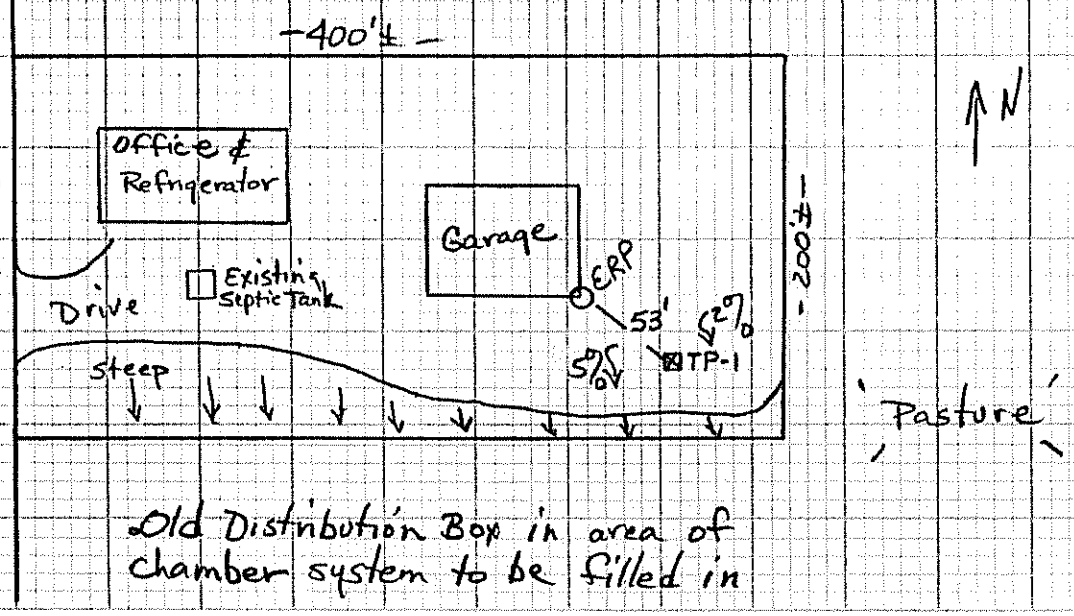
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Riverside Drive	Warren Brewer

SITE PLAN

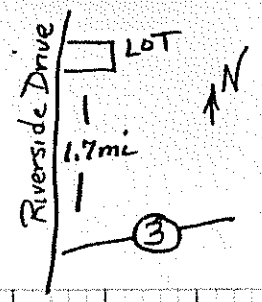
Scale 1" = 100 Ft.

- Approximately 32 inches of fill must be removed in area of bed and replaced with sandy loam or coarser material
- Insulate 4 inch sewer pipe from main building to septic tank



Old Distribution Box in area of chamber system to be filled in

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

_____" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
	Friable		None
Mixed gravelly silt Fill	FIRM	Gray	Common
Sandy Loam	Friable	Medium Brown	None
		Yellow Brown	
	FIRM		common

60

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	C (Condition)	2-5 %	28	☒ 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

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

William P Brown
Site Evaluator Signature

188
SE#

9/25/89
Date

HHE-200 Rev.1/84

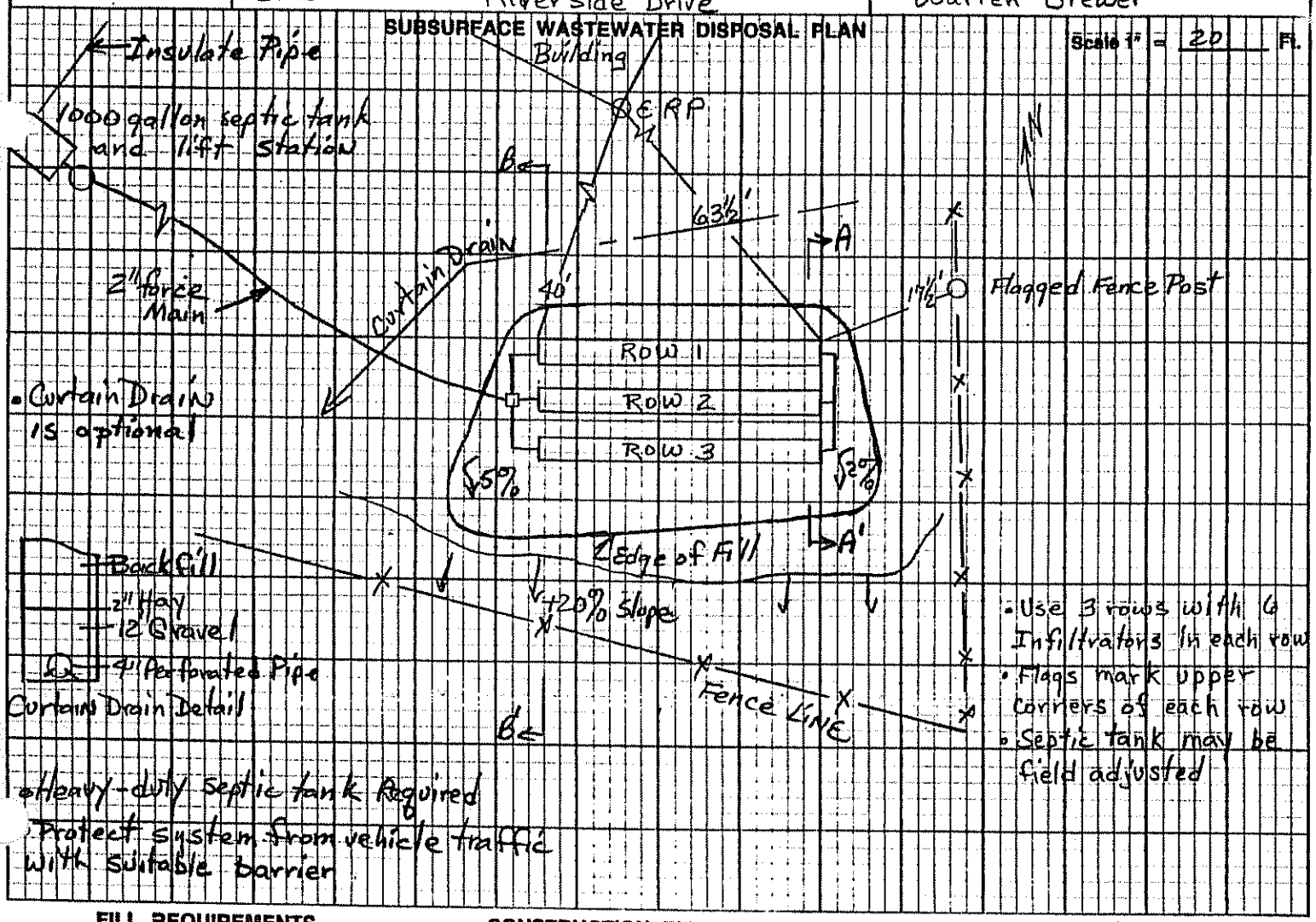
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Riverside Drive	Warren Brewer

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 6-9"
Depth of Fill (Downslope) 12-18"

CONSTRUCTION ELEVATIONS

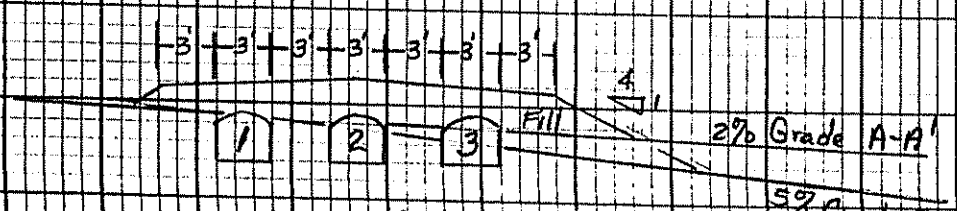
Reference Elevation Is 00"
Bottom of Disposal Area Row 1 -32"
Top of ~~Distribution Lines or~~ Chambers Row 1 -17"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

Bottom of Aluminum siding at corner of garage

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 10 Ft.



Row	Bottom of Infiltrator	Top of Infilt.
1	-32"	-17"
2	-32"	-17"
3	-32"	-17"

- Remove approx. 32 inches of fill in area of septic system to original grade
- Scarify soil under entire fill area
- Rake sides and bottom of trenches
- All fill shall be sandy loam or coarser
- Slope finish grade as shown or all one way
- Loam, seed, mulch
- Construct optional curtain drain 36 inches deep

- All Infiltrators are at same elevation
- If "Bio-diffusors" are used, top of chambers is one inch lower

William P Brown
Site Evaluator Signature

188
SE#

9/25/89
Date