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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

MSL 33

AUGUSTA PERMIT # 495 TOWN COPY

Date Permit Issued: 6, 26, 85 $ 30 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 758

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA
Street Subdivision Lot #	Civic Center Drive

PROPERTY OWNERS NAME

Last: Gabriel First: Harold

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	391 Civic Center Dr. AUGUSTA, ME.

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.

Harold Gabriel — 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 — 6/27/85 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☐ NEW SYSTEM
2. ☒ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ SEASONAL CONVERSION
5. ☐ EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

1. ☒ NO RULE VARIANCE REQUIRED
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
   ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
3. ☐ Requires only Local Plumbing Inspector Approval
4. ☐ Requires both State and Local Plumbing Inspector Approval

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
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS: 1935±

1. ☐ BED 3. ☒ TRENCH?
2. ☐ CHAMBER 4. ☐ OTHER: _____

DISPOSAL SYSTEM TO SERVE:

1. ☐ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☒ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

SIZE OF PROPERTY

3.06 ac.

ZONING

Residential

TYPE OF WATER SUPPLY

Drilled well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☐ SEPTIC: ☐ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: Existing GALS.
UNKNOWN SIZE

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.)

3 bedroom Home with one bedroom Apartment

DESIGN FLOW: 450 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
6	C

DEPTH TO LIMITING FACTOR: 23.

SIZE RATINGS USED FOR DESIGN PURPOSES

1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

1. ☒ BED 1485 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

(☐ SITE EVALUATION WAIVED BY LOCAL OPTION)

On May 25, 1985 (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.

David P. Rocque — Site Evaluator or Professional Engineer's Signature
154 — SE# / PE#
5/25/85 — Date

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

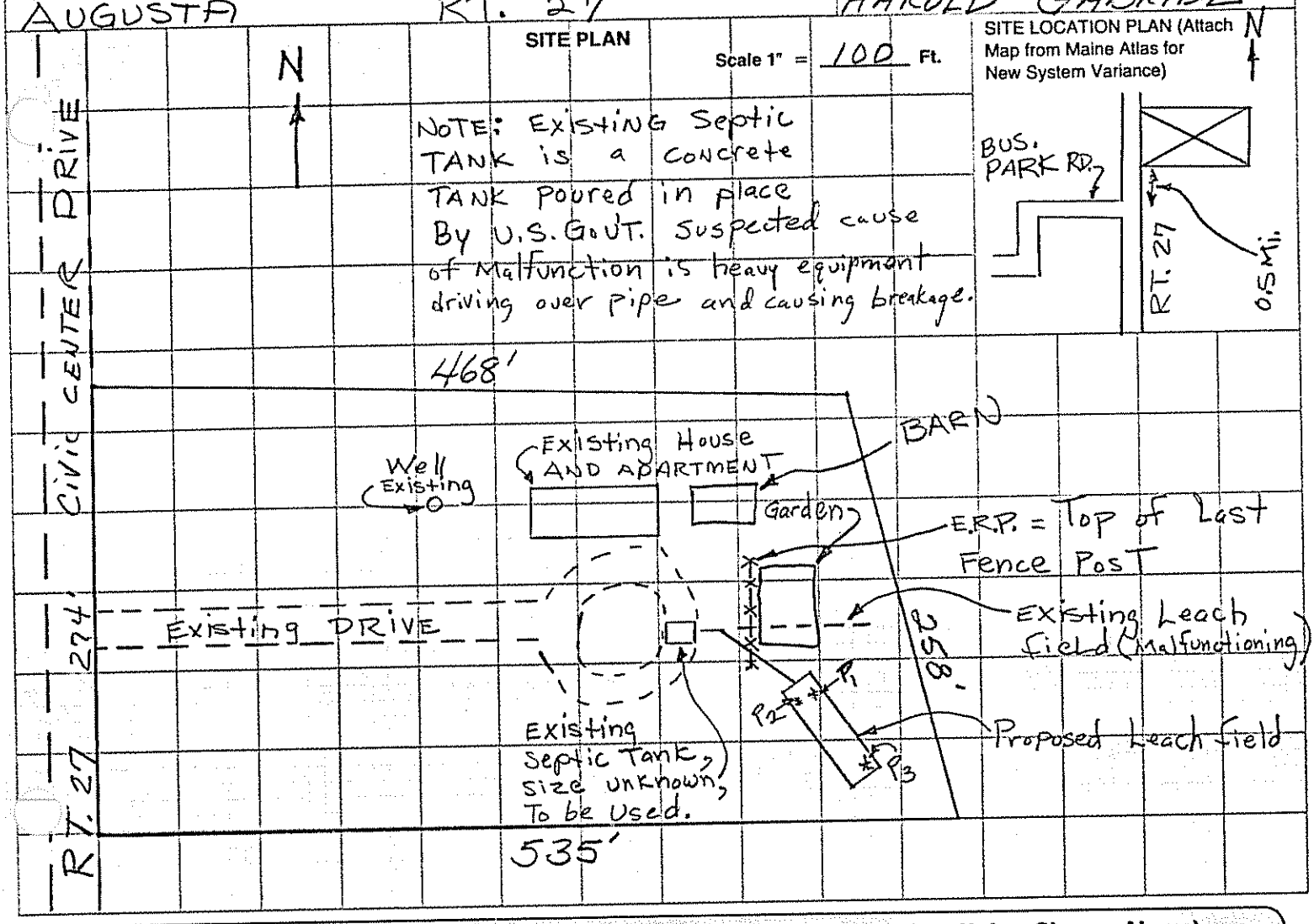
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: RT. 27
Owners Name: HAROLD GABRIEL

SITE PLAN

Scale 1" = 100 Ft.



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

Observation Hole P1 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Loamy Sand	FRIABLE	DARK BROWN	NONE
6–10				
10–15	MEDIUM SAND		YELLOW BROWN	
15–20				
20–30		FIRM		Few To Common
30–40	SILT	VERY FIRM	GREY BROWN	MANY
40–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
6	C	12 %	23"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole P2 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Loamy Sand	FRIABLE	DARK BROWN	
6–10				
10–15				
15–20	MEDIUM SAND		WHITE RED BROWN	NONE
20–30				
30–40			BROWN	
40–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	12 %	ND	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

David P. Roque — Site Evaluator or Professional Engineer's Signature

154 — SE# / PE#

5/25/85 — Date

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Owners Name: HAROLD GABRIEL

SITE PLAN Scale 1" = _____ 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 B3 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Loamy SAND		DARK BROWN	
6–10		FRIABLE	yellow BROWN	NONE
10–15				
15–20	MEDIUM SAND			
20–30			BROWN	
30–40		FIRM		FEW
40–50				

Soil	Classification	Slope	Limiting Factor	
5 (Profile)	C (Condition)	3.3 %	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
0–6				
6–10				
10–15				
15–20				
20–30				
30–40				
40–50				

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

David P. Roque — Site Evaluator or Professional Engineer's Signature

154 — SE# / PE#

5/25/85 — Date

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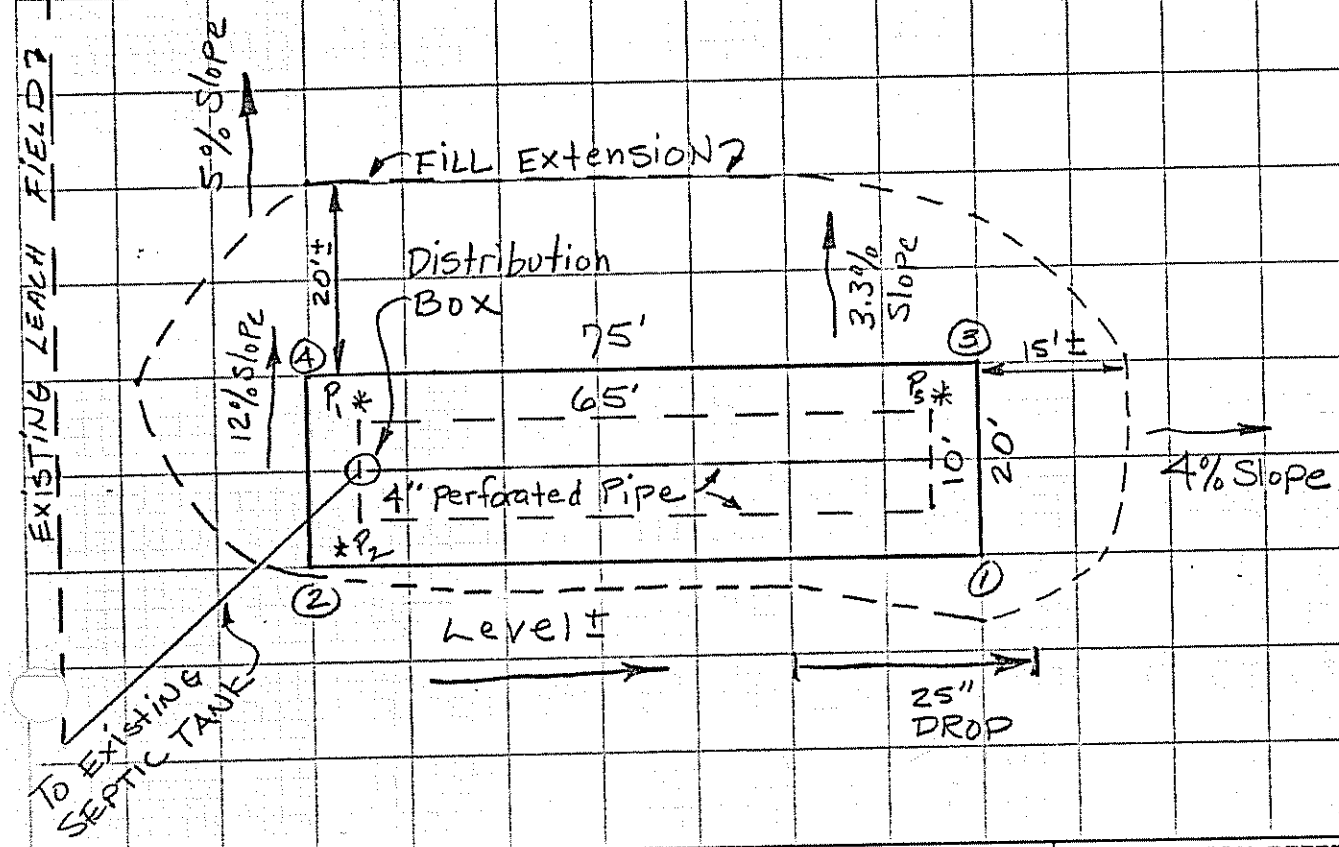
Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: RT. 27
Owners Name: Harold GABRIEL

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	0"	Reference Elevation is	0"	Top of white fence post
Depth of Fill (Downslope)	30"	Bottom of Disposal Area	-57"	Nearest to BARN
		Top of Distribution Lines or Chambers	-47"	

DISPOSAL AREA CROSS SECTION

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

COR. #1 = 0"
COR. # 2 = 0"
COR. #3 = 30"
COR. # 4 = 31"

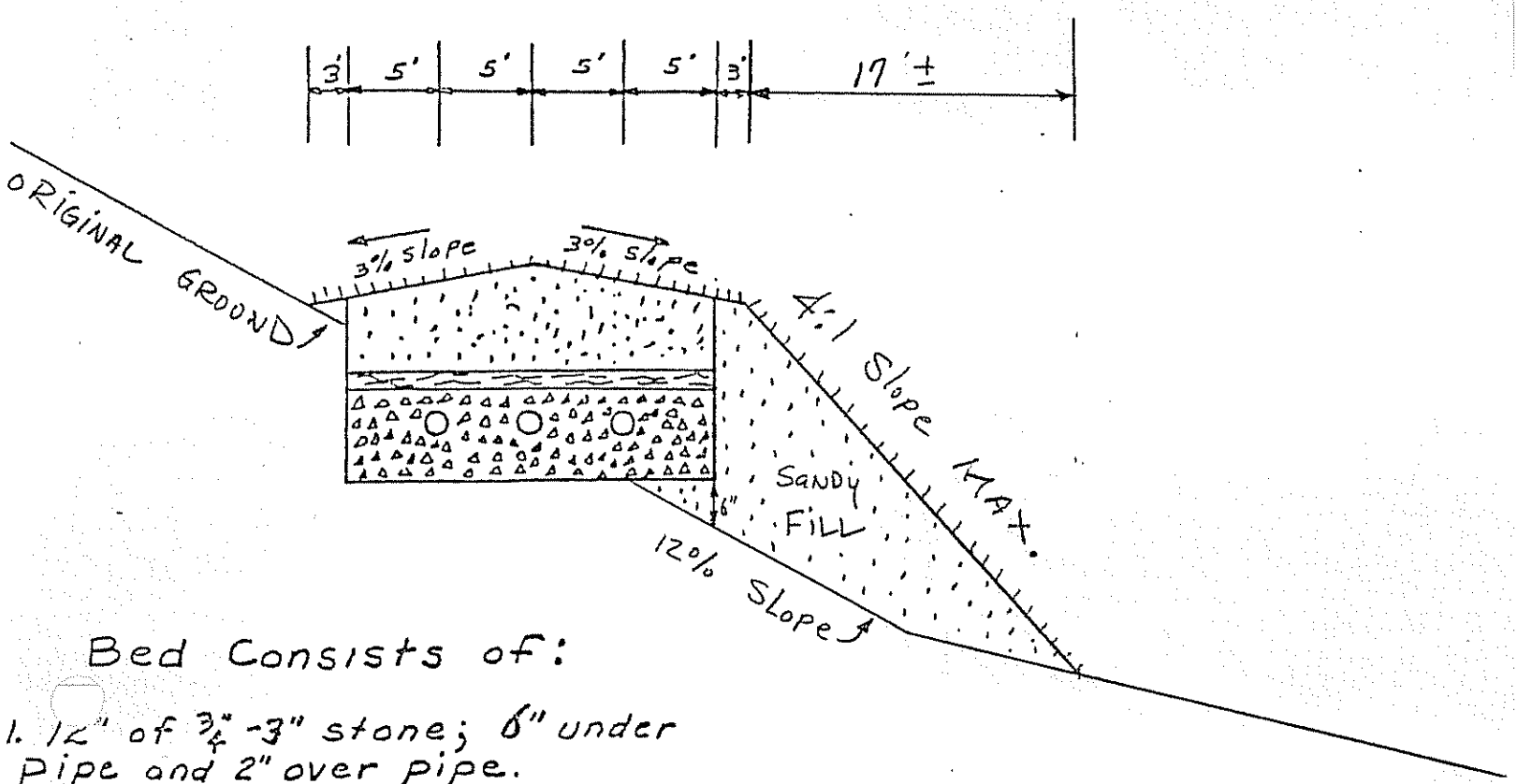
SEE SHEET NO. 3A

David P. Rowe
Site Evaluator or Professional Engineer's Signature

154
SE # / PE #

5/25/85
Date

Subsurface Absorption Area Cross-Section AT END OF BED AT CORNERS #2 - #4 (Not to Scale)



Bed Consists of:

1. 12" of ¾"-3" stone; 6" under pipe and 2" over pipe.
2. 2" of compressed hay over stone, or treated building paper.
3. 8" of sandy loam to sand fill, over hay.
4. Top of bed to be stabilized with loam if necessary, and grass seed.

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

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 to handle the Waste Water.