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 #	45 ParkView Terrace

PROPERTY OWNERS NAME

Last: ADAMS First: Lee JR.

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	Same

0150 AUGUSTA *** 11020 ***

Date Permit Issued: 11/17/83 $ 30.00 FEE ☐ If Double Charged

Robert B St Pierre L.P.I. # 1667

Local Plumbing Inspector Signature

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.

Lee Adams Jr.

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. ☐ 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 1970

THE FAILING SYSTEM IS:

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

0.75 Ac.±

ZONING

NO

TYPE OF WATER SUPPLY

Drilled well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

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

SIZE: 1000 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.)

DESIGN FLOW: 270 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
5	B

DEPTH TO LIMITING FACTOR: None

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 90 Linear Ft.
4. ☐ OTHER: Plus Existing

SITE EVALUATOR STATEMENT

(☐ SITE EVALUATION WAIVED BY LOCAL OPTION)

On Nov. 7, 1983 (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#

Nov. 7, 1983 — Date

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

(City)

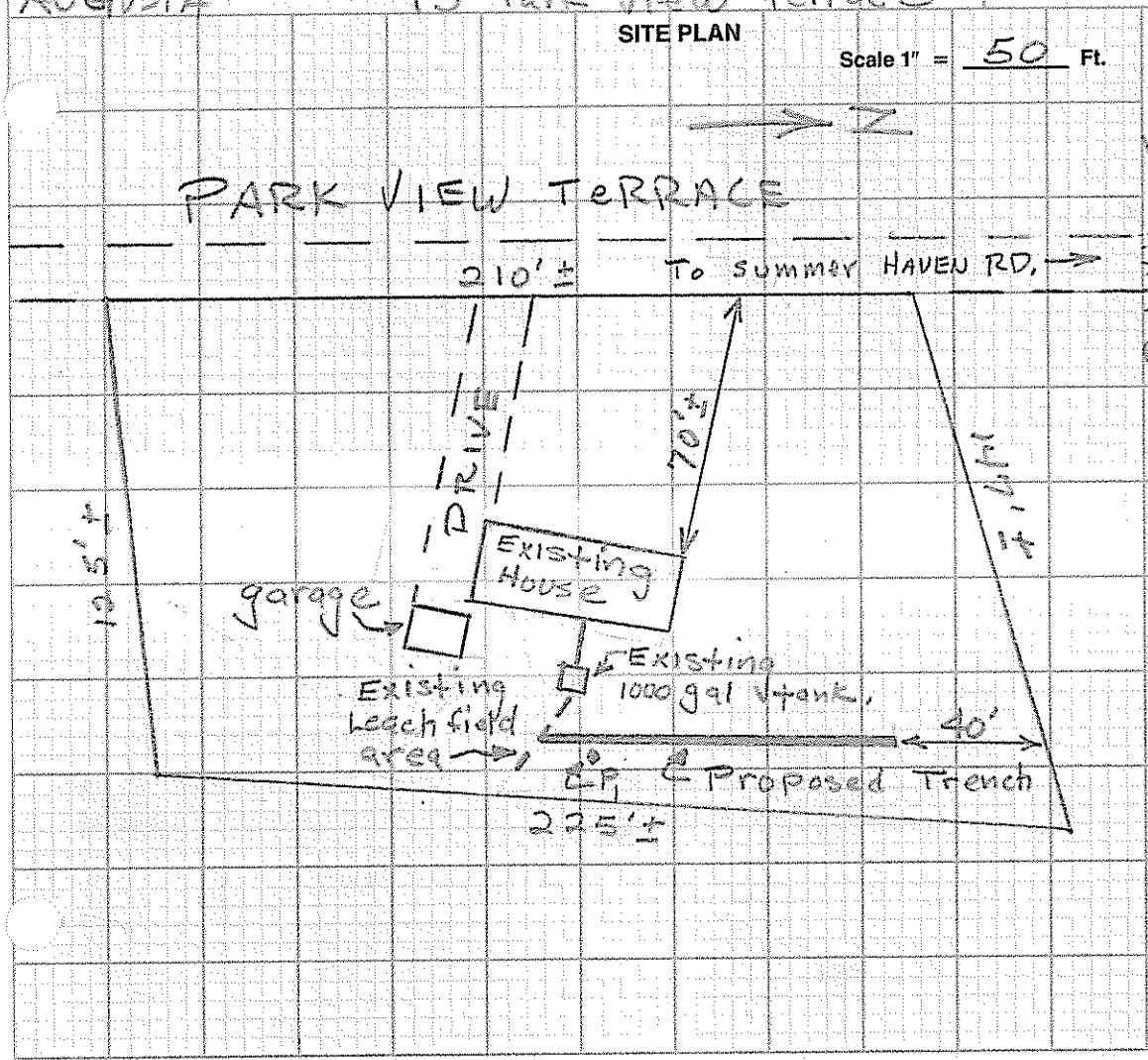
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

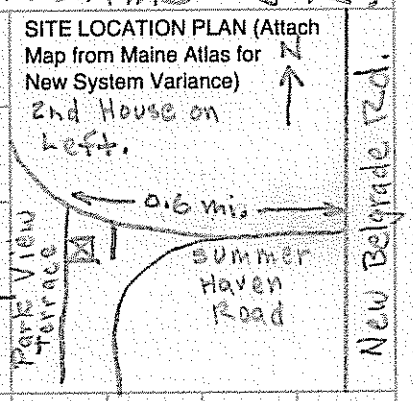
Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: 45 Park View Terrace
Owners Name: Lee ADAMS JR.

SITE PLAN

Scale 1" = 50 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 T1 ☒ 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	Loose	Dark Brown	None
6–15			Reddish Brown	
15–50	Sand Fine to Med.		Light Brown	

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	1-2 %	N/A	☐ 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

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

154 — SE# / PE#

11/7/83 — Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

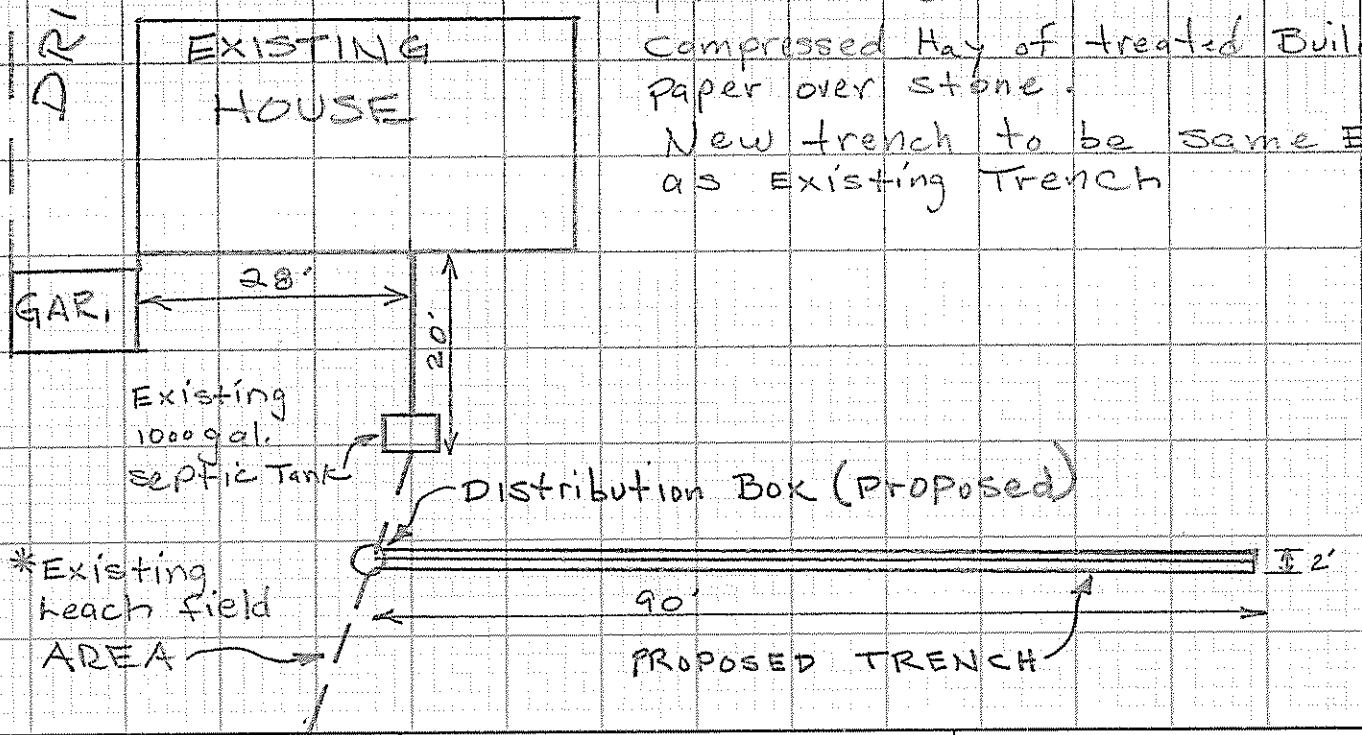
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	PARK View Terrace	LEE ADAMS JR.

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.

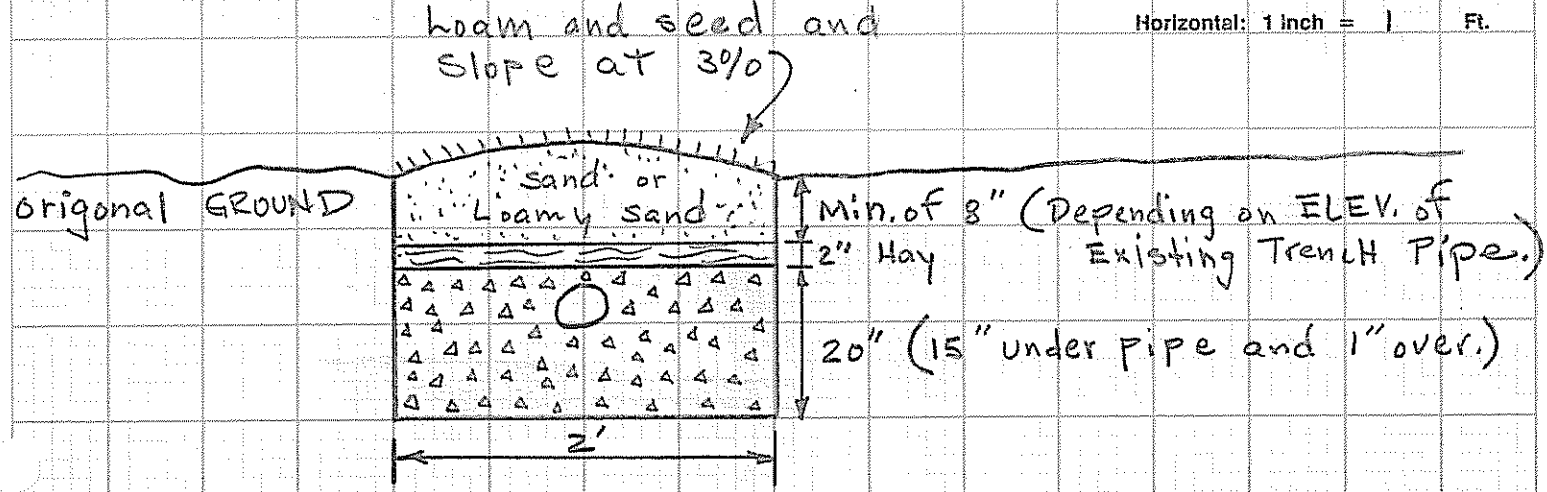
*NOTE: Contractor to widen
1.) Existing BED By at Least 2' and add stone equall To existing stone height.
2.) Trench to Have 15" of stone under pipe and 1" over 4" perforated PVC. Stone to be 3/4" - 3". 2" of compressed Hay of treated Building Paper over stone.
New trench to be same ELEV. as Existing Trench



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope) 0"	Reference Elevation is Existing pipe	Install at same ELEV. As Existing pipe.
Depth of Fill (Downslope) 0"	Bottom of Disposal Area Same as Existing	
	Top of Distribution Lines or Chambers " "	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 2' Ft.
Horizontal: 1 inch = 1 Ft.



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

154
SE # / PE #

11/7/83
Date

As the plans show I have proposed that Mr. ADAMS continue to use his existing system while adding the following:

Scrape the side wall area of at least one side of the existing Leach field and add stone, in case of mat build up. And add 90' of trench at approximate right angles to the old, with 15" of stone below the pipe. This new trench constitutes approximately 1/2 of the leach area needed for a 3 bedroom home on this soil type.

My reasoning was based on the following facts:

1. Loamy Sand over fine to Medium sand soils with no mottling.
2. In June Mr. ADams had his septic tank pumped and had his system flushed with Hydrogen Peroxide. In October the system failed again.
3. Mr. ADAMS had 2 new tenants arrive recently as well as another family member doing washings with his machine.

My conclusion from the above facts was that the system was undersized and couldn't handle the added use, but that existing system should not be abandoned. Instead, an expansion would seem more in line.

With the Knowledge that the existing system worked well untill this increased usage and that the Two new tenants are moving soon, I feel that my proposal should handle the situation quite adequately. And if need be, an expansion is possible.

David P. Roque
Lic. Site Evaluator #154