

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 #: Boj Road

PROPERTY OWNERS NAME

622-0212

Last: Simon First: Andrew

Applicant Name: Same

Mailing Address of Owner/Applicant (If Different): RFD #3 Box 540
Augusta Maine 04330

Map 81 Lot 19

AUGUSTA

Caution: Permit Required 1992 TOWN COPY

Date Permit Issued: 10/9/90 Fee: \$410.00 Double Fee Charged

Signature: Jay R. Fuller L.P.I. # 1515D

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.

Andrew W. Simon 10/9/90
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.

Jay R. Fuller 11/14/90
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM
(Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

SEASONAL CONVERSION

to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____

SPECIFY

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED 1992

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

SIZE OF PROPERTY: 3/4 Acre

ZONING: Residential

TYPE OF WATER SUPPLY

Drilled Well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.

Zobal Filter Recommended

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: 50 GALS.

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

3 Bedroom Moderate Flow

OCT 9 1990

DESIGN FLOW: 360
(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|----------|-----------|
| <u>7</u> | <u>C</u> |

DEPTH TO LIMITING FACTOR: 20

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED _____ Sq. Ft.
- CHAMBER 600 Sq. Ft.
 - REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 10-1-90 (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] 241 10-2-1990
Site Evaluator Signature SE# Date

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

ATTACHMENT TO FORM HHE-200
ADDITIONAL INFORMATION ABOUT YOUR SEPTIC SYSTEM

1. YOU SHOULD HAVE YOUR SEPTIC TANK PUMPED OUT AND CHECKED EVERY TWO YEARS OR MORE OFTEN TO PROLONG THE LIFE OF YOUR SYSTEM.
2. IF YOU PLAN TO INSTALL A GARBAGE DISPOSAL IN YOUR HOME, YOU SHOULD HAVE THE NEXT AVAILABLE SIZE SEPTIC TANK INSTALLED. An alternative to this is the installation of a Zabel Industries Inc. Multi-purpose Filter, Model #A-100 or equivalent on the outlet end of the septic tank.
3. Water softeners should drain to a separate gray water disposal system.
4. Your septic tank must be installed level and all joints, inspection covers etc. must be water tight. The same is necessary for a pump tank if your system requires one.
5. The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid flooding of the tank and solids entering the field.
6. Your system is designed to handle laundry waste water provided a separated laundry system is not indicated on Page 1 of your HHE-200 form and the total daily design flow shown on Page 1 is not exceeded. If a low water toilet is required it must use less than 1.5 gallons per flush.
7. All construction shall conform with section 11-D "State of Maine-Subsurface Wastewater Disposal Rules-Chapter 241" and all other pertinent sections.
8. All fill shall be sandy loam coarser with sufficient fines for adequate compaction, unless otherwise stated.
9. Wells shall be located a minimum 100' from subsurface disposal system.
10. Property lines shown are as provided by owner and no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
11. Applicability of design must be reevaluated when location of structures are substantially different than those shown on the site plan or when other structures, additions, or appurtenances (i.e. swimming pools) are considered.
12. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to the system.
13. Provide low profile septic tank when determined as necessary in the field.
14. Lots not meeting the requirements if the "Minimum lot size Rule" but recorded prior to its effective date require a "Minimum Lot Size Waiver" as issued by the Department of Human Services - Division of Health Engineering.
15. Force mains, pump stations, and/or gravity piping subject to freezing shall be adequately installed.
16. The L.P.I. shall inform the owner and designer of any local ordinance exceeding the rules (Chapter 241), prior to issuing a permit, so that the application may be properly amended to conform to such ordinances.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

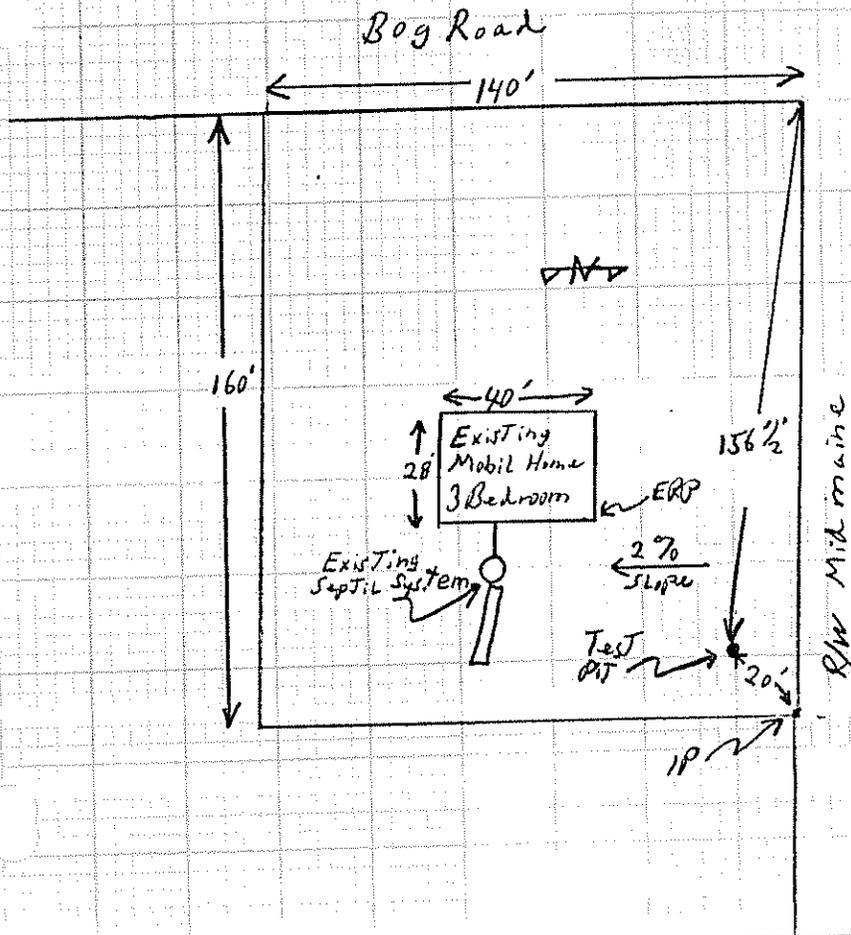
Augusta

Bog Road
SITE PLAN

Andrew Simon

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 _____ Test Pit Boring

_____ " Depth of Organic Horizon Above Mineral Soil

| DEPTH BELOW MINERAL SOIL SURFACE (Inches) | Texture | Consistency | Color | Mottling |
|---|-----------------------|-------------|--------------|-----------------|
| 0 | Fine loamy sand | Friable | Brown | None |
| 6 | Fine sand to Med sand | | Yellow brown | |
| 20 | Sandy clay loam | Firm | Olive | Common distinct |
| 30 | Fine sand | Friable | | |
| 40 | Sandy clay loam | Firm | | |
| 50 | | | | |

| | | | | |
|-----------------------|-------------------------|------------------|---------------------------|--|
| Soil Profile <u>7</u> | Classification <u>C</u> | Slope <u>2</u> % | Limiting Factor <u>20</u> | <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> 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 | | | | |
| 10 | | | | |
| 15 | | | | |
| 20 | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

| | | | | |
|--------------------|----------------------|---------------|-----------------------|---|
| Soil Profile _____ | Classification _____ | Slope _____ % | Limiting Factor _____ | <input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock |
|--------------------|----------------------|---------------|-----------------------|---|

Probe

Site Evaluator Signature

241

SE#

10-2-90

Date

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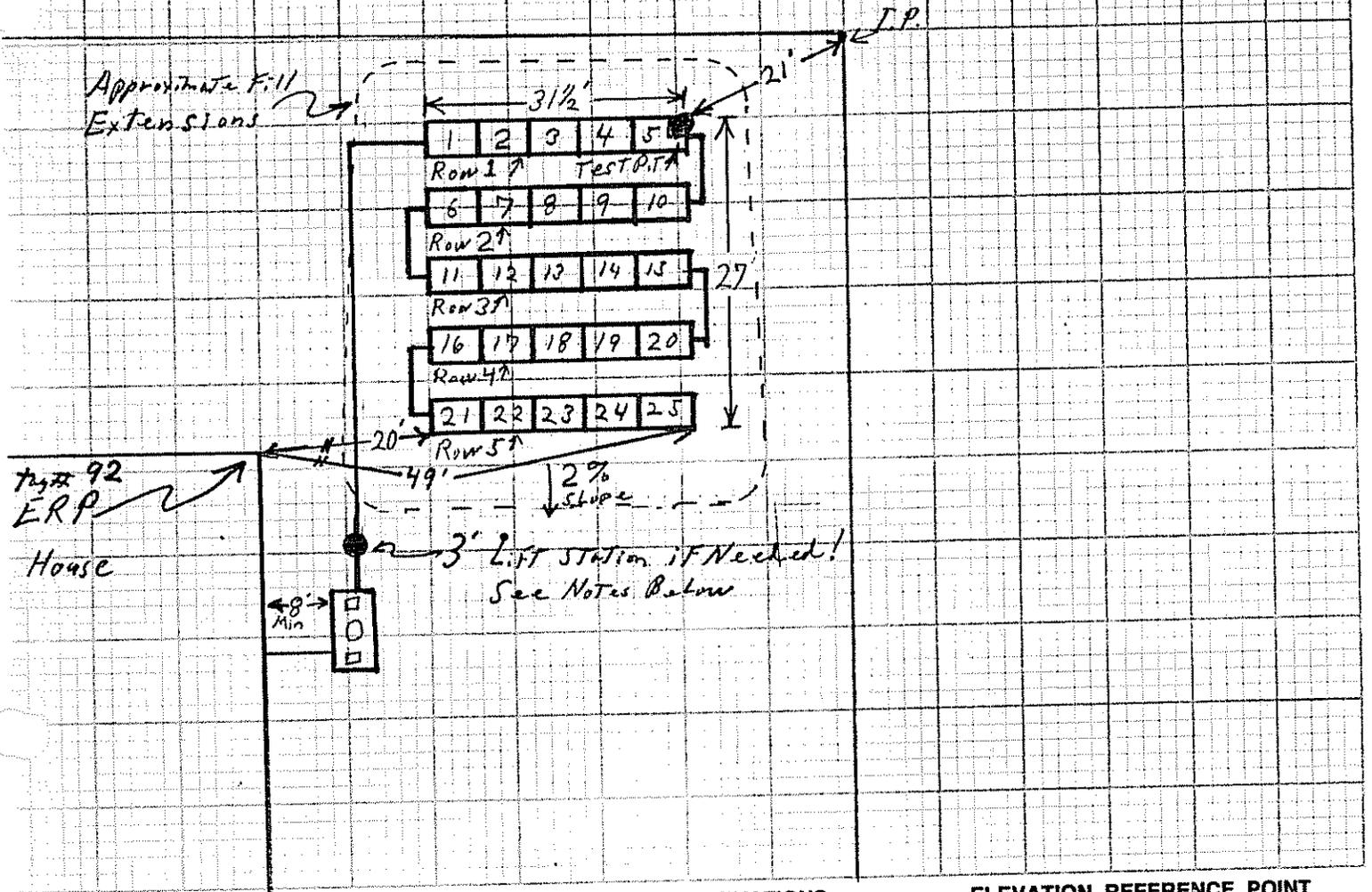
Augusta

Bog Road

Andrew Simon

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 16" 8"

Depth of Fill (Downslope) 16" 8"

CONSTRUCTION ELEVATIONS

Reference Elevation is 0

Bottom of Disposal Area see Page 4

Top of Distribution Lines or Chambers see Page 4

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

Nail in Tag # 92 in Corner of Home

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 Inch = Ft.

Horizontal: 1 Inch = Ft.

Notes !
If lift station used.

Install 3 foot lift station with effluent pump, alarm, an riser to above ground level.
Install 2 inch pressure line from pump station to disposal area.

Simon

1-241

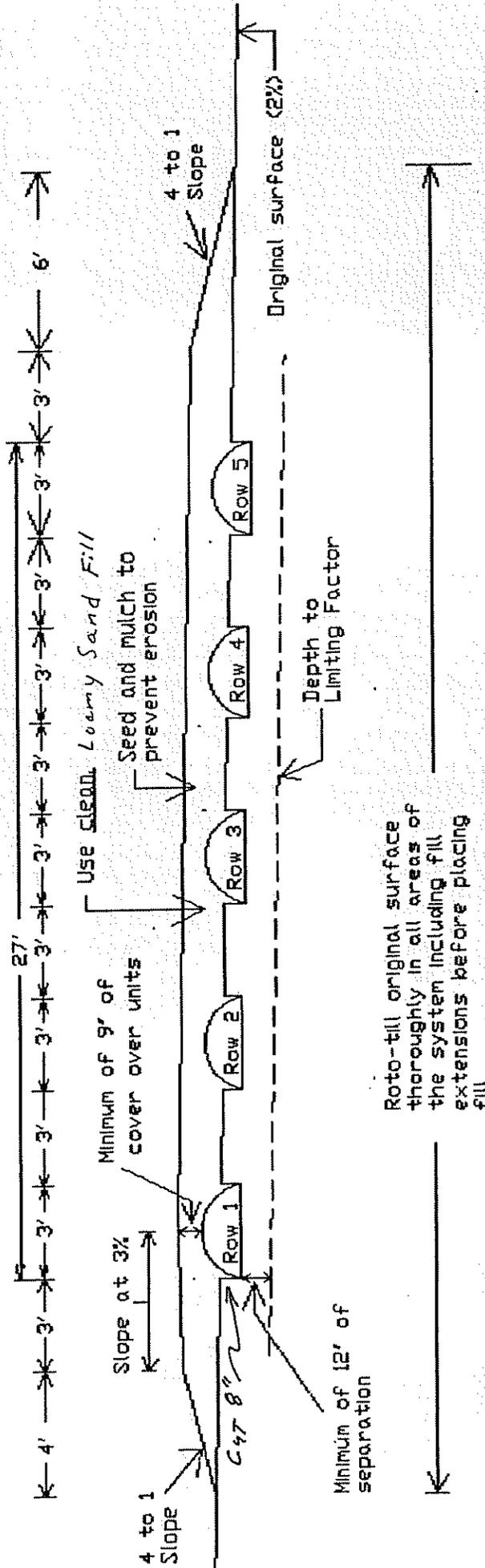
10-5-90

ATTACHMENT TO FORM HHE-200

DISPOSAL AREA CROSS SECTION

SCALE:

Vertical: 1 inch = 5 feet
 Horizontal: 1 inch = 5 feet



ELEVATION NOTES

| | Top of Infiltrators | Bottom of Infiltrators |
|-------|---------------------|------------------------|
| ROW 1 | -41" | -56" |
| ROW 2 | -42" | -57" |
| ROW 3 | -43" | -58" |
| ROW 4 | -44" | -59" |
| ROW 5 | -45" | -60" |

Reference elevation = 0'

DATE: 10-4-1990
 Eugene L. Duke S.E. #241