8 - 31B

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 #	WARD ROAD

PROPERTY OWNERS NAME

Last: SMITH First: Malcolm

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	30 Kenney field Drive Bothbay HARBOR, ME.

AUGUSTA PERMIT # 443 TOWN COPY

Date Permit Issued: 5 2 85

$ 40 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature

L.P.I. # 7 5 8

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 of Owner/Applicant: Malcolm L. Smith Date: 3-22-85

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: Robert Stevens Date Approved: 3/14/85

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: N/A

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: 15.5

ZONING: Shore Land

TYPE OF WATER SUPPLY

SPRING or Drilled well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

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

SIZE: 1000 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: 40 - 50 GALS.

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

2 Bedroom Home

DESIGN FLOW: 180 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
2	C

DEPTH TO LIMITING FACTOR: NONE FOUND

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

1. ☒ BED 600 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 March 22, 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.

Site Evaluator or Professional Engineer's Signature: David P. Rocque

SE# / PE#: 154

Date: 3/22/85

* 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	Street, Road, Subdivision	Owners Name
AUGUSTA	WARD ROAD	MALCOLM SMITH

SITE PLAN Scale 1" = _____ Ft.

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

SEE ATTACHED SHEET

SEE ATTACHED SHEET

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

Observation Hole P1 ☒ Test Pit ☐ Boring

2 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	SANDY		RED BROWN	
6–15	LOAM	FRIABLE	BROWN	NONE
15–20				
20–50		VERY ROCKY couldn't dig deeper		FEW

Soil Profile	Classification Condition	Slope	Limiting Factor	
2	C	4½ %	22"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole P2 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	SANDY		RED BROWN	
6–15	LOAM	Friable	BROWN	NONE
15–20				
20–50		Very Rocky will build on surface		

Soil Profile	Classification Condition	Slope	Limiting Factor	
2	B	____ %	No"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

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

154 — SE# / PE#

3/22/85 — Date

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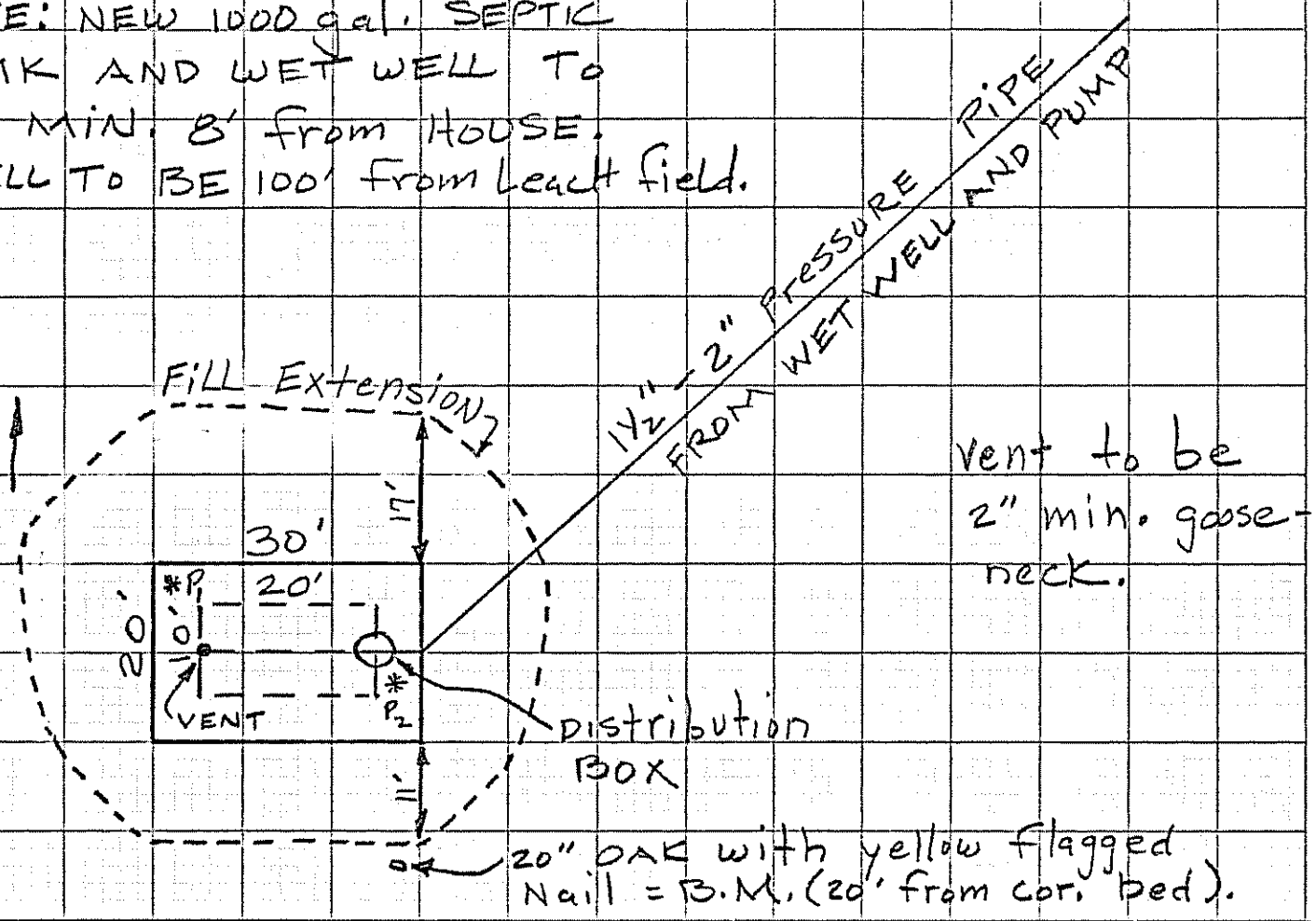
AUGUSTA	WARD ROAD	MALCOLM SMITH

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

NOTE: NEW 1000 gal. SEPTIC TANK AND WET WELL TO BE MIN. 8' from HOUSE. WELL TO BE 100' from Leach field.



vent to be 2" min. goose-neck.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	24"	Reference Elevation is	0"	yellow flagged nail in 20" OAK Tree
Depth of Fill (Downslope)	33"	Bottom of Disposal Area	-48"	
		Top of Distribution Lines or Chambers	-38"	

DISPOSAL AREA CROSS SECTION

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

SEE SHEET #3A

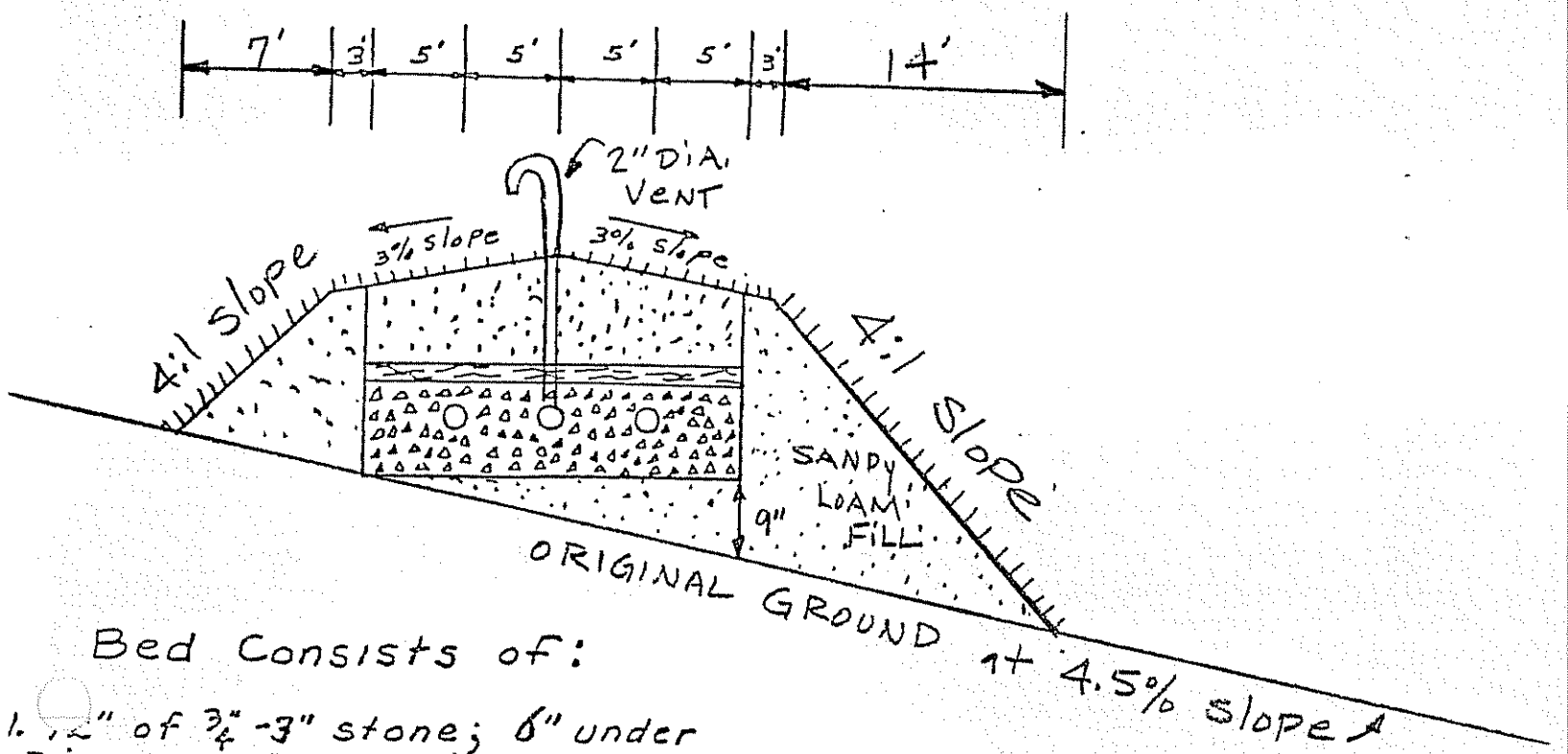
David P. Roscoe
Site Evaluator or Professional Engineer's Signature

154
SE # / PE #

3/22/85
Date

Subsurface Absorption Area Cross-Section

(Not to Scale)

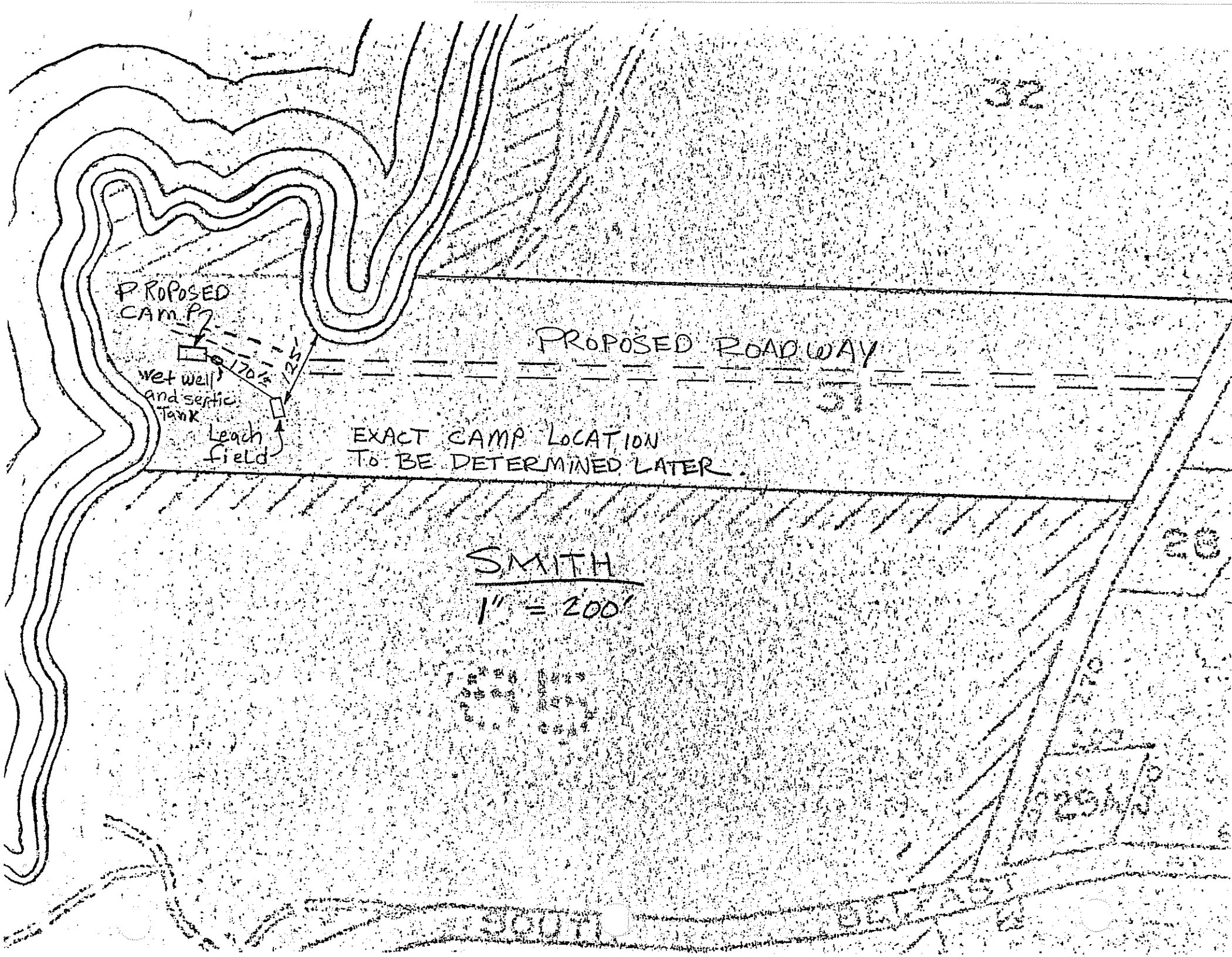


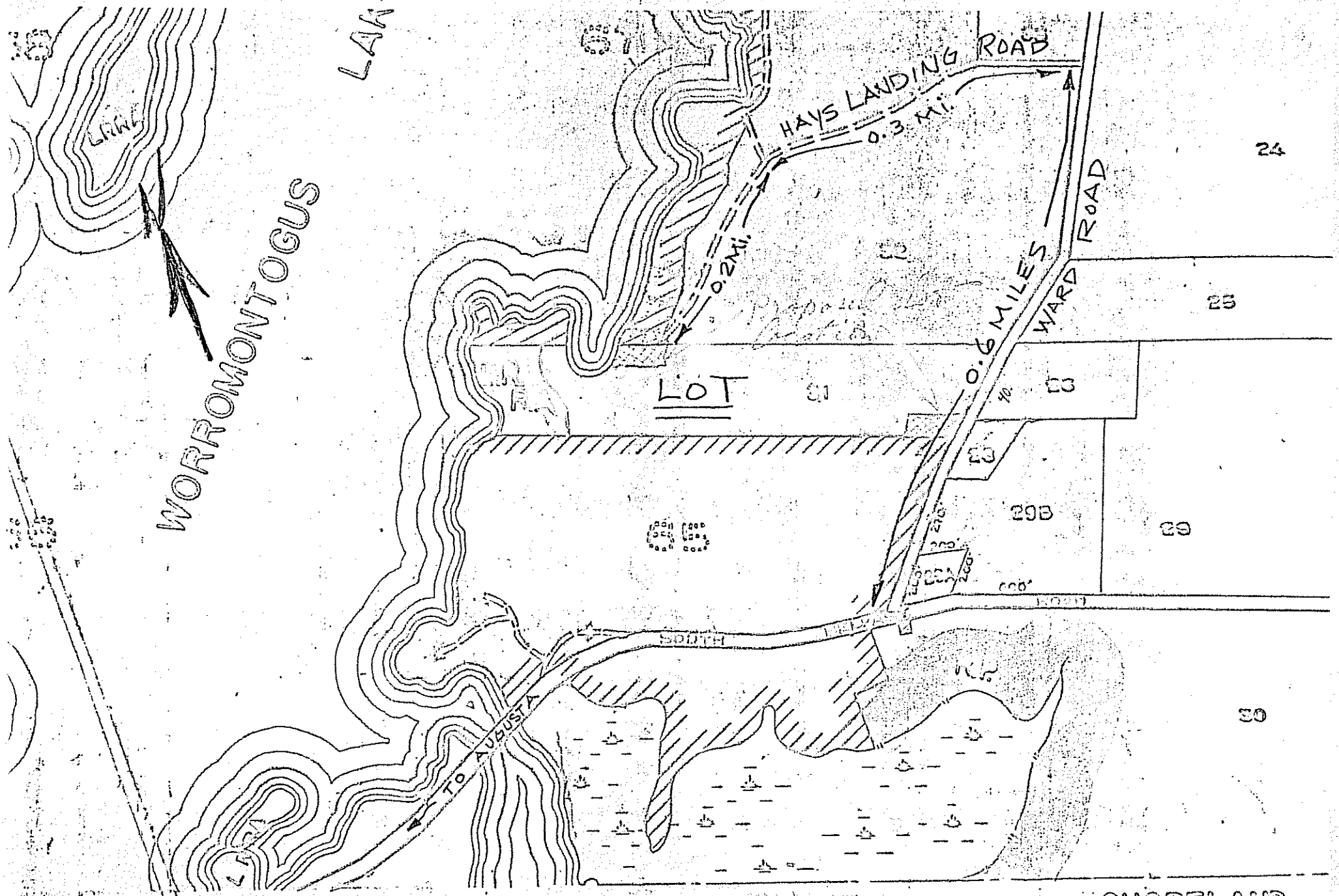
Bed Consists of:

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.


PROPOSED CAMP
wet well and septic Tank
170'
125'
Leach field
PROPOSED ROADWAY
EXACT CAMP LOCATION TO BE DETERMINED LATER.
SMITH
1" = 200'



SHORELAND
CITY OF AU
KENNEBEC COUNT
EFFECTIVE