SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town Copy

Caution: Permit Required
Subsurface Wastewater Disposal System shall not be permitted to be installed hereinbefore and shall not be permitted to be used for any purpose whatsoever.

AUGUSTA 1818 TOWN COPY

Date Permit Issued: 2 6 90 $ 40.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature: [signature] L.P.I. # 850

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	BOG ROAD

PROPERTY OWNERS NAME

Last: Purty First: Thomas

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	27 Kinderhook St. Randolph, Me. 04345

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] 1/29/90
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.

[signature] 6-25-90
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 _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY: 2.5 AC.±
ZONING: Rural

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 _____ 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

TYPE OF WATER SUPPLY
Drilled (Prop)

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

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

WATER CONSERVATION
1. ☐ NONE Recommend
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: 30-45 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
Three bedroom Home - Minimum Design flow Plus 28%

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
5	B

DEPTH TO LIMITING FACTOR: 30.

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☒ MEDIUM
3. ☐ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☒ BED 900 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

DESIGN FLOW: 346 (GALLONS/DAY)

JAN 29 1990

SITE EVALUATOR STATEMENT

On 8/5/89 (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 154 8/5/89
Site Evaluator Signature SE# 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: AUGUSTA

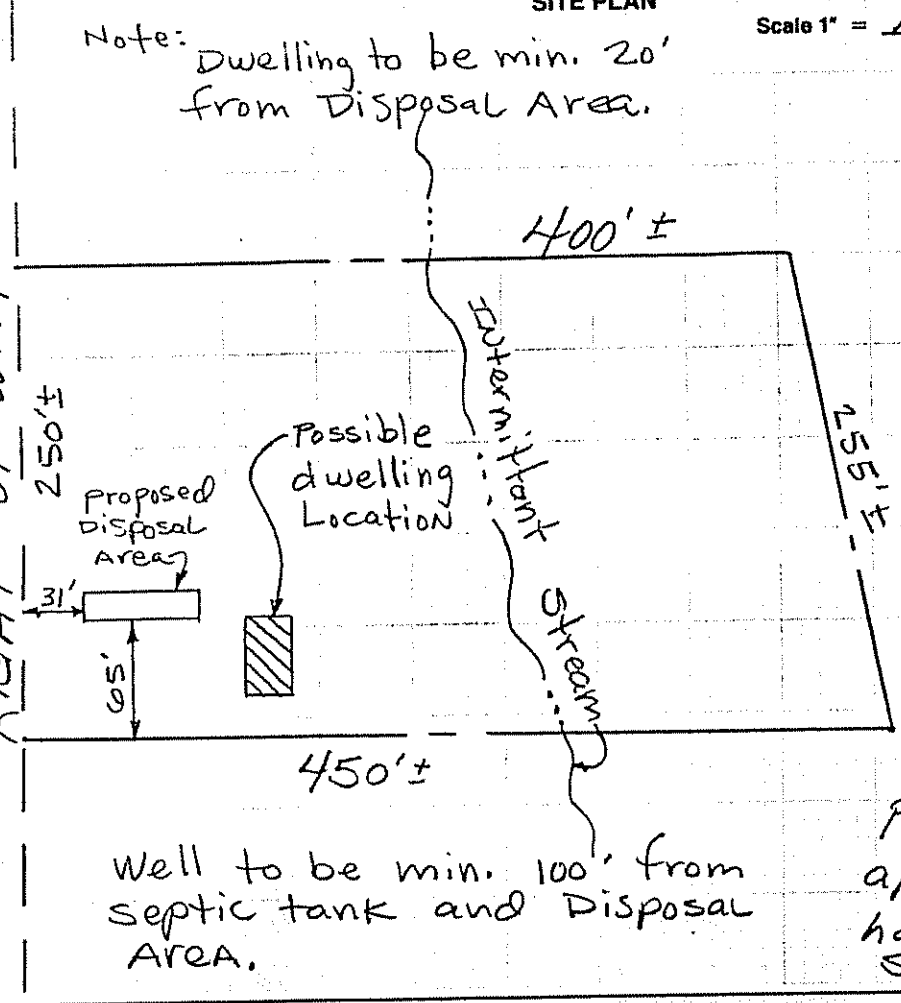
Street, Road, Subdivision: BOG Road

Owners Name: Thomas Purty

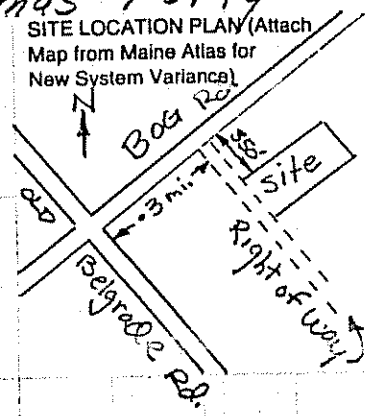
SITE PLAN

Scale 1" = 100 Ft.

Note: Dwelling to be min. 20' from Disposal Area.



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



Well to be min. 100' from septic tank and Disposal Area.

Property Lines are approximate. Land has not yet been surveyed.

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

Observation Hole TP1 ☒ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Loamy fine sand		Dark Brown	
6–15	fine and medium Sand	Friable	yellow Brown	
15–20				NoNE
20–30			Light Brown	
30–50		Firm in places	Light olive Brown	

Soil Profile	Classification Condition	Slope %	Limiting Factor	
5	B	9	36"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP2 ☒ Test Pit ☐ Boring

2 Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Loamy fine sand		Dark Brown	
6–15	fine AND medium Sand	Friable	yellow Brown	
15–20			Light Brown	NoNE
20–30		Firm in places	Light olive Brown	
30–50				

Soil Profile	Classification Condition	Slope %	Limiting Factor	
5	B	9	26"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rogue — Site Evaluator Signature

154 — SE#

8/5/89 — Date

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

Observation Hole TP3 ☒ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–8	Loamy fine sand		Dark Brown	
8–15	Fine and Medium Sand	Friable	Yellow Brown	NONE
15–30			Light Brown	
30–50		Firm in places	Light olive brown	

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	19 %	30"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

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

Observation Hole TP4 ☒ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–8	Loamy fine sand		Dark Brown	
8–15	Fine and Medium Sand	Friable	Yellow Brown	NONE
15–30			Light Brown	
30–50		Firm in places	Olive Brown	

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	19 %	32"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

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
0–50				

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

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

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

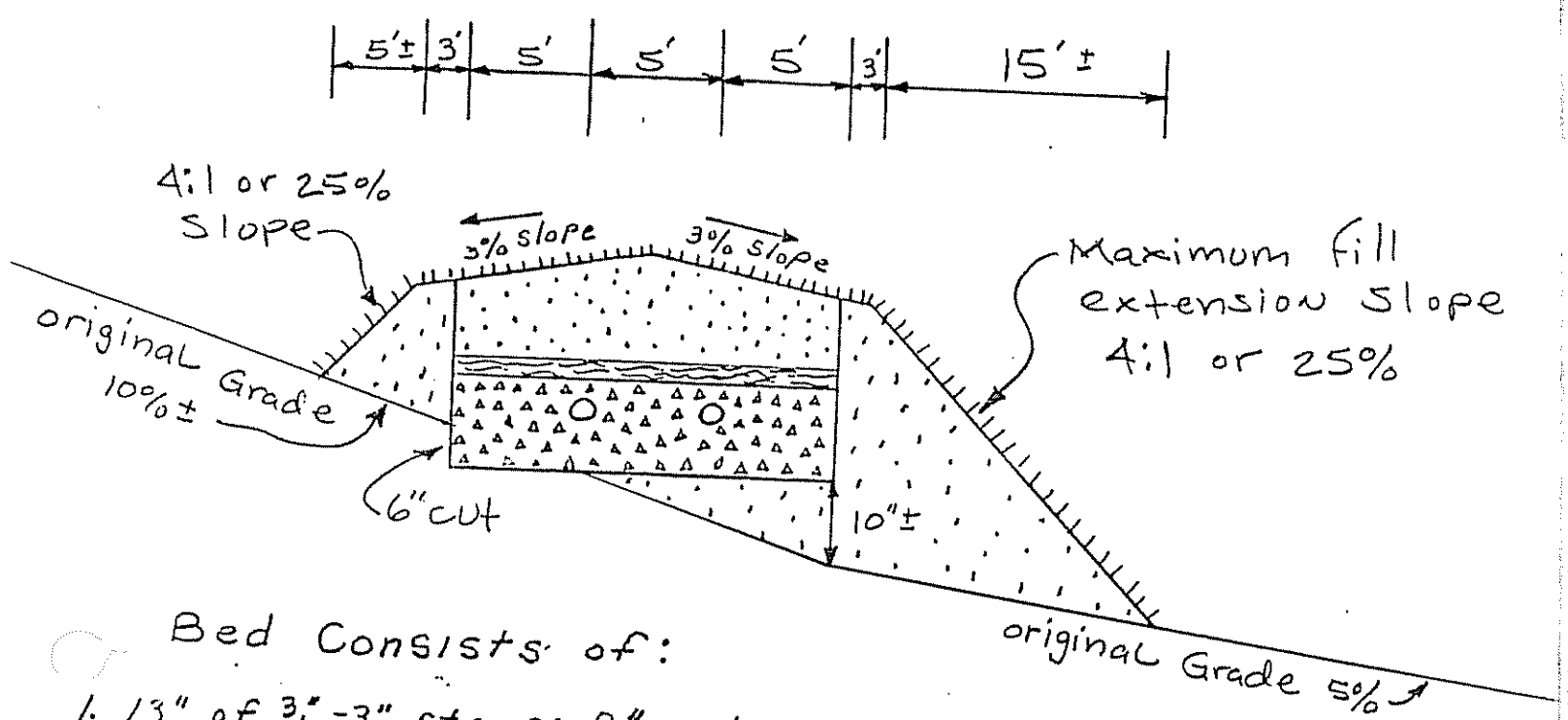
Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–50				

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

Site Evaluator Signature _____ SE# _____ Date _____

Subsurface Absorption Area Cross-section

(Not to Scale)



Bed Consists of:

1. 13" of 3/4"-3" stone; 8" under pipe and 1" over pipe.
2. 2" of compressed hay over stone or approved alternative.
3. 8" of Loamy Sand fill over Hay. Loamy Sand to be used for fill extensions
4. Top of bed to be stabilized with loam if necessary, and grass seed.

Remove organic soil horizon from beneath disposal area and entire fill extensions prior to installation.

ALL fill to be Loamy sharp Sand.

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

Pipe To be 4" dia. and perforated.

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.

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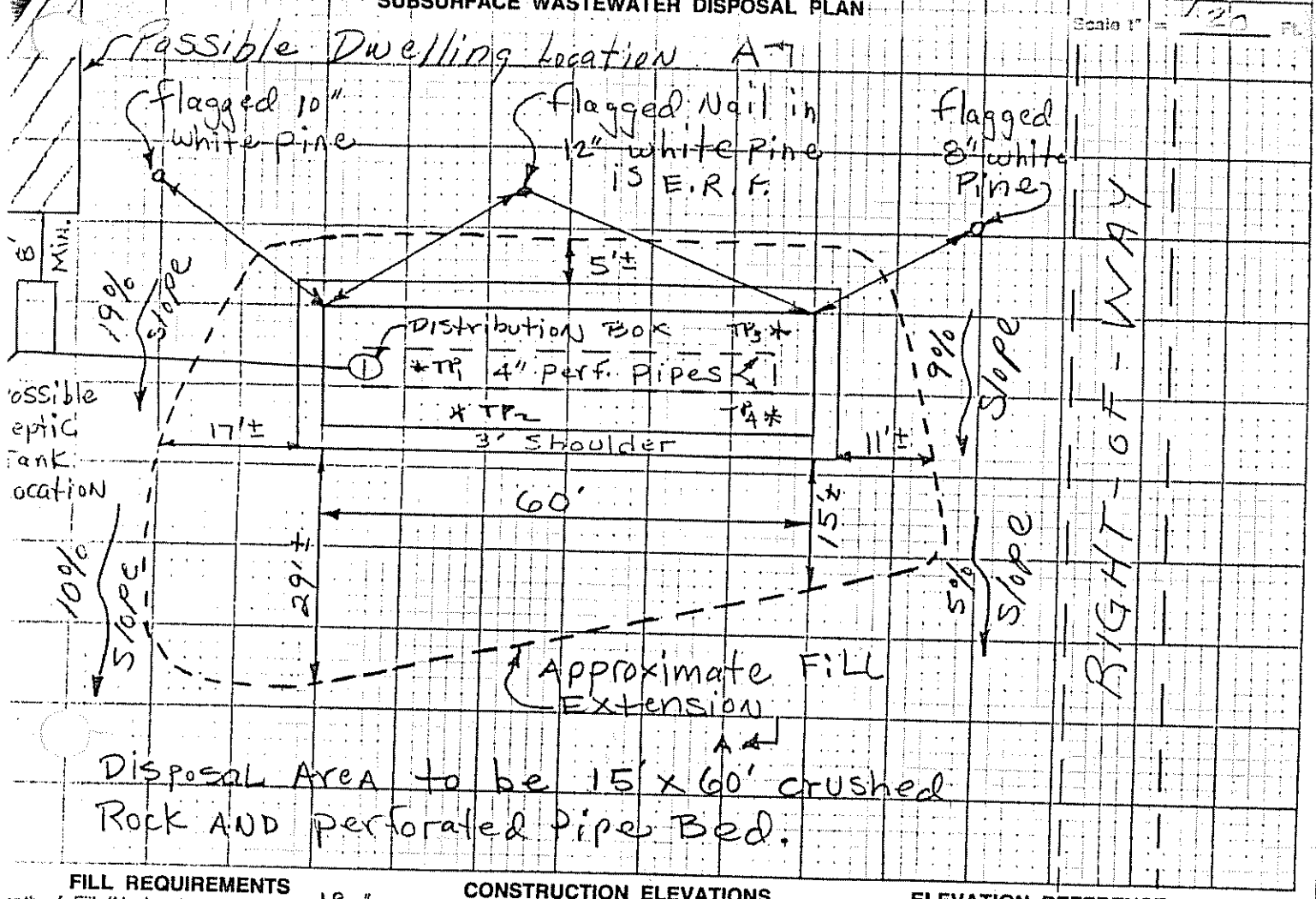
Department of Human Services
Division of Health Engineering

City, Plantation: AUGUSTA
Street, Road, Subdivision: BOG ROAD
Owners Name: Thomas Purty

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Disposal Area to be 15' x 60' crushed Rock AND perforated Pipe Bed.

FILL REQUIREMENTS

Depth of Fill (Upslope) 18"
Depth of Fill (Downslope) 34"-50"

CONSTRUCTION ELEVATIONS

Reference Elevation is 0
Bottom of Disposal Area -69"
Top of Distribution Lines or Chambers -57"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

Flagged Nail in 12" white Pine

DISPOSAL AREA CROSS SECTION

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

See Next Sheet

David P. Rocque
Site Evaluator Signature

154
SE#

8/5/89
Date

HHE-200 Rev 1 84