SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

AUGUSTA 2141 TOWN COPY
Date Permit Issued 4/5/91 $ 40.00 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 1815

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA
Street Subdivision Lot #	RT. #105

PROPERTY OWNERS NAME

Last: Moran First: Edward

Applicant Name:	Same
Mailing Address of Owner/Applicant (If Different)	810 Burns Road Augusta, Maine 04330

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.

Edward E. Moran — Signature of Owner/Applicant — Date 4/6/91

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 9/2/91

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: 5Ac.±

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: 45 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
Three bedroom Home – Min. Design Flow Plus 10%

DESIGN FLOW: 300 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 16

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

DISPOSAL AREA TYPE/SIZE
1. ☒ BED 1000 Sq. Ft.
2. ☐ CHAMBER ____ Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH ____ Linear Ft.
4. ☐ OTHER: ____

SITE EVALUATOR STATEMENT

On 4/6/91 (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 Signature — 154 SE# — 4/6/91 Date

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

10.00

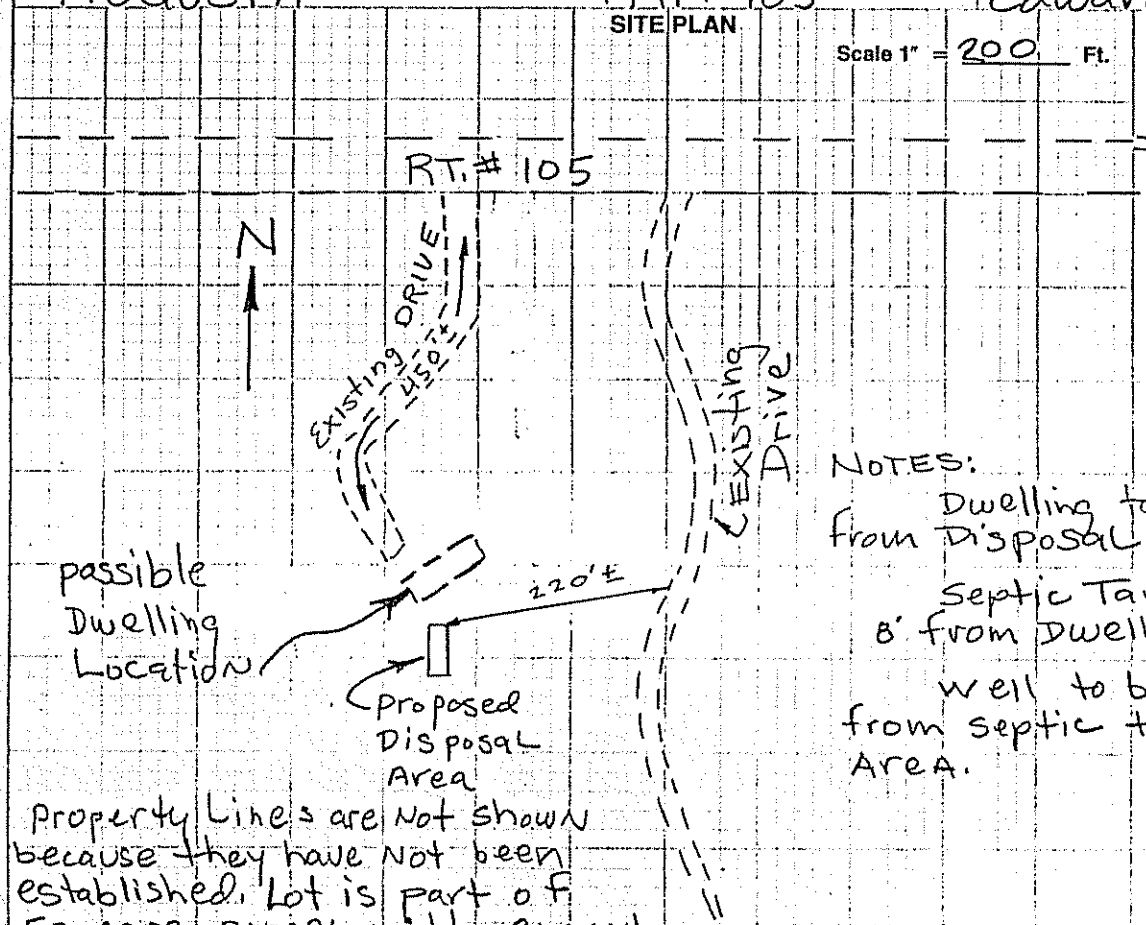
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: RT. #105
Owners Name: Edward MORAN

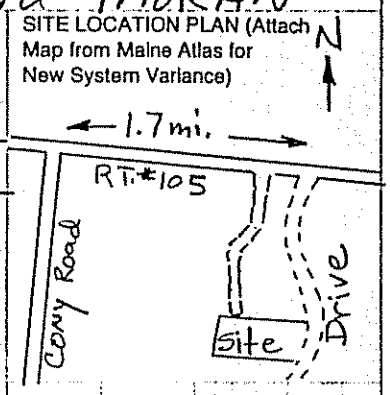
SITE PLAN

Scale 1" = 200 Ft.



Property Lines are Not shown because they have Not been established. Lot is part of 50 Acre parcel with excact size and lot lines to be established at a later date.

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



NOTES:
Dwelling to be MIN. 20' from Disposal Area.
Septic Tank to be MIN. 8' from Dwelling.
Well to be MIN. 100' from septic tank and Disposal Area.

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

Observation Hole TP 1 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Stoney Sandy Loam	Friable	ALBIC	
		Dark yellow Brown	NONE
		Light olive Brown	
	Firm	Olive Brown	Few Faint Between Ped faces

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	C (Condition)	2.5 %	16	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole TP 2 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
Stoney Sandy Loam	Friable	Yellow Brown	NONE
		Olive Brown	
	Somewhat Firm		

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	B (Condition)	2.5 %	26	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rogue — Site Evaluator Signature
154 — SE#
4/6/91 — Date

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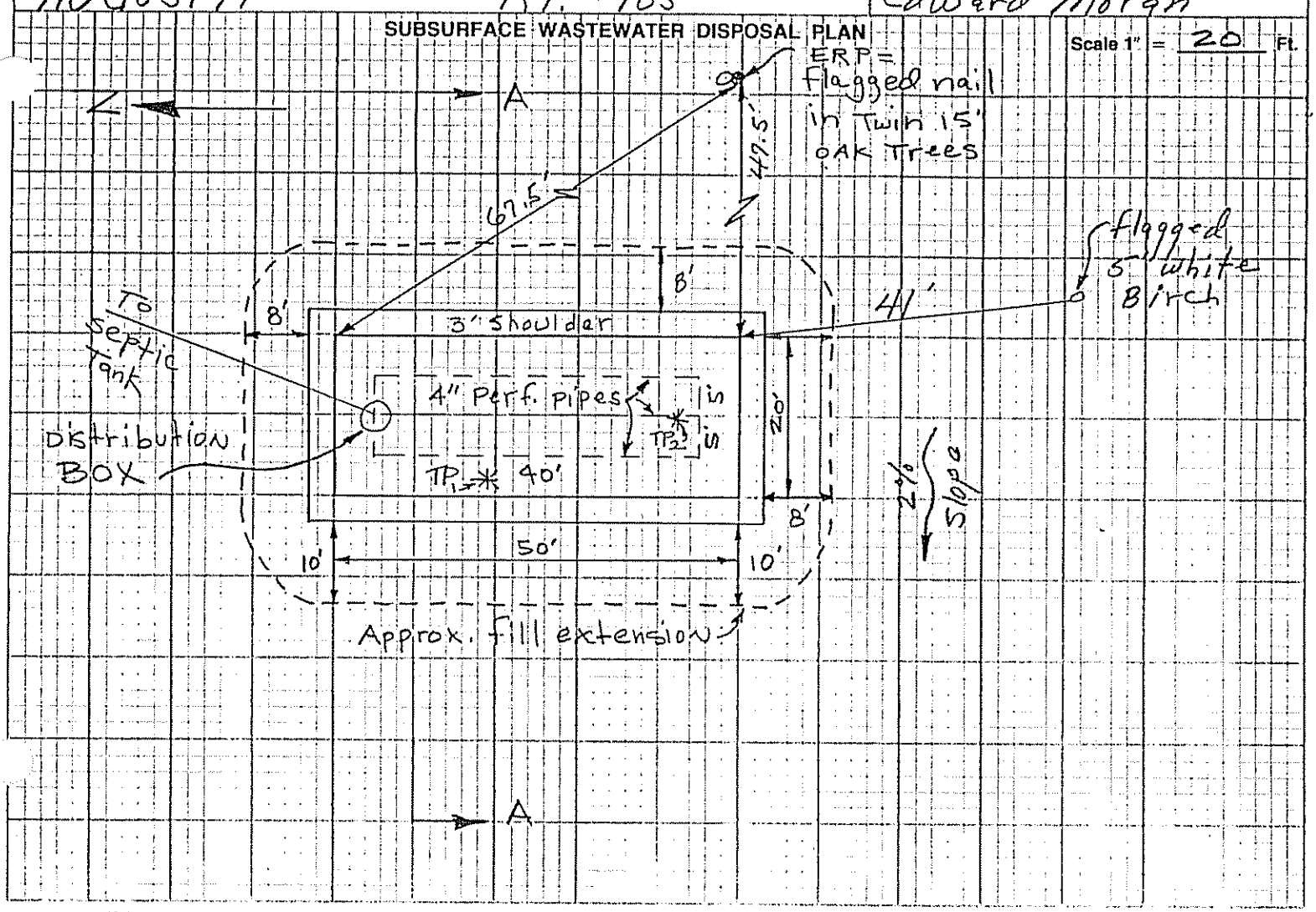
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RT. #105	Edward Moran

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	24"	Reference Elevation Is	0	flagged nail in Twin 15" oak Trees
Depth of Fill (Downslope)	32"	Bottom of Disposal Area	-45"	
		Top of Distribution Lines or Chambers	-33"	

DISPOSAL AREA CROSS SECTION

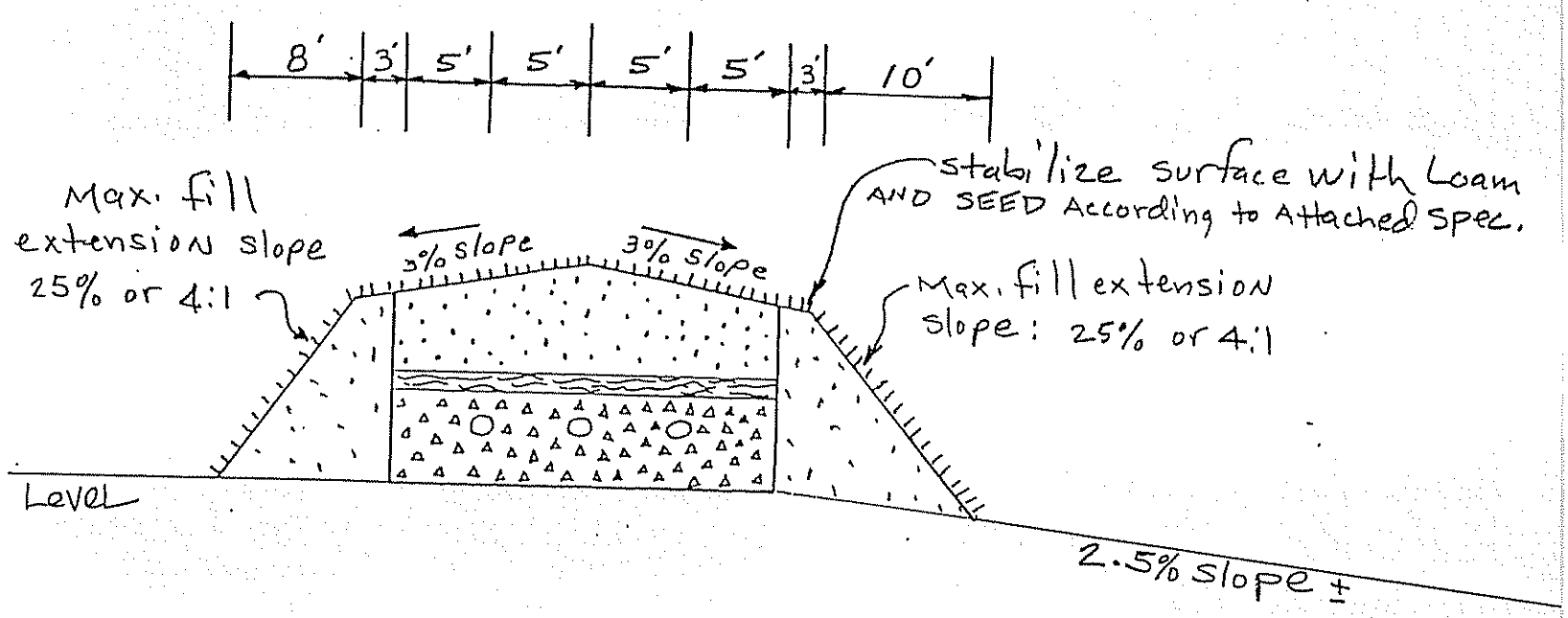
Scale:
Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

See next sheet

David P. Rogue — Site Evaluator Signature
154 — SE#
4/6/91 — Date

Subsurface Absorption Area Cross-Section

(Not to Scale)



Bed Consists of:

1. 13" of $\frac{3}{4}$"-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. (see attached spec.)

Remove organic soil horizon from beneath Disposal Area AND fill extensions. Scarify original soil surface then bring to grade with Loamy Sharp Sand fill. 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.