

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

**PROPERTY ADDRESS**

Town Or Plantation: AUGUSTA

Street division Lot #: Rte 105 So. Belfast Rd

**PROPERTY OWNERS NAME**

Last: HUTCHINSON First: MARK

Applicant Name: DUSTIE BLDGS

Mailing Address of Owner/Applicant (If Different): W. RIVER RD. AUGUSTA, ME 04330

AUGUSTA PERMIT # 1,657 TOWN COPY

Date Permit Issued: 6-26-89 \$ 1,401 FEE  Double Fee Charged

John Puccianelli L.P.I. # 9631  
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.

Susan R. Dustie 6-19-89  
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.

Sam R. Fuller July 12, 1989  
Local Plumbing Inspector Signature Date Approved

**PERMIT INFORMATION**

**THIS APPLICATION IS FOR:**

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

**SEASONAL CONVERSION**  
to be completed by the LPI

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

**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)

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 N/A

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: \_\_\_\_\_

**DISPOSAL SYSTEM TO SERVE:**

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER \_\_\_\_\_  
SPECIFY

SIZE OF PROPERTY: 1.5 ± ACRES

ZONING: RURAL/RESIDENTIAL

**TYPE OF WATER SUPPLY**

PROPOSED DOUBLED WELL

**DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)**

**TREATMENT TANK**

- SEPTIC:  Regular  Low Profile
- AEROBIC

SIZE: 1,000 GALS.

**WATER CONSERVATION**

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET  
SPECIFY: \_\_\_\_\_

**PUMPING**

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

DOSE: \_\_\_\_\_ GALS.

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

3 BEDROOM

DESIGN FLOW: 270  
(GALLONS/DAY)

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

PROFILE	CONDITION
<u>3/17</u>	<u>C</u>

DEPTH TO LIMITING FACTOR: 21

**SIZE RATINGS USED FOR DESIGN PURPOSES**

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

**DISPOSAL AREA TYPE/SIZE**

- BED 900 Sq. Ft.
- CHAMBER \_\_\_\_\_ Sq. Ft.  
 REGULAR  H-20
- TRENCH \_\_\_\_\_ Linear Ft.
- OTHER: \_\_\_\_\_

**SITE EVALUATOR STATEMENT**

On 7-20-89 (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.

[Signature]  
Site Evaluator Signature  
(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

181  
SE#

7-25-89  
Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

Rte 105

Owners Name

MARK HUTCHINSON

## SITE PLAN

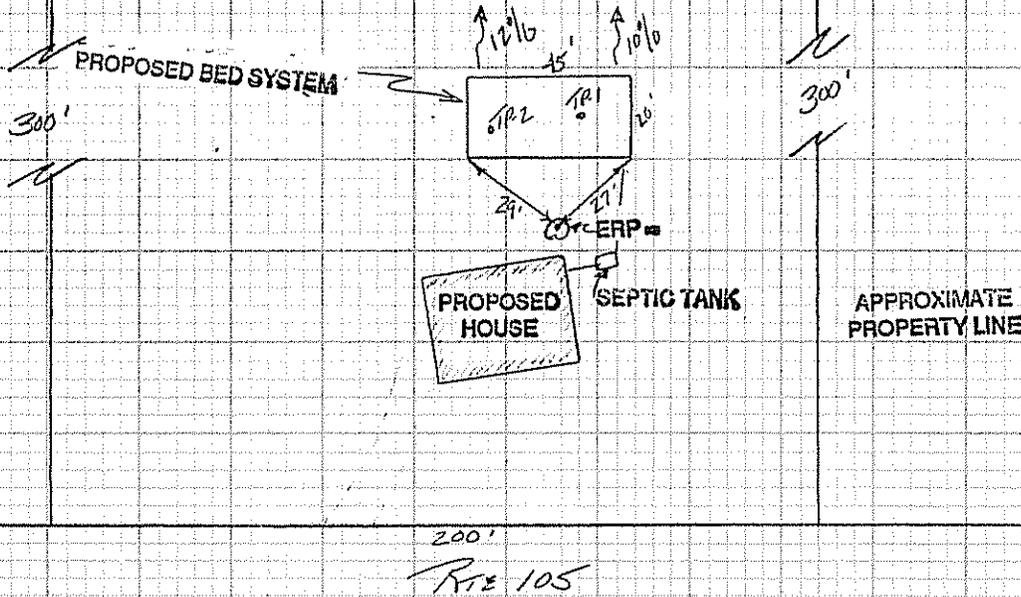
Scale 1" = 50' Ft.

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

Rte 105

1 SITE

SPRING 120



### SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1  Test Pit  Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM	FRIABLE	REDDISH BROWN	NONE EVIDENT
6				
10				
15				
20	SILTY CLAY	FIRM	OLIVE	FEW FAINT
30				
40	SANDY LOAM		OLIVE BROWN	
50				

Soil

7  
Profile

Classification

C  
Condition

Slope

10 %

Limiting Factor

20 "

Ground Water

Restrictive Layer

Bedrock

Observation Hole TP-2  Test Pit  Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM	FRIABLE	REDDISH BROWN	NONE EVIDENT
6				
10				
15				
20			OLIVE BROWN	
30		FIRM	OLIVE	FEW FAINT
40				
50				

Soil

3  
Profile

Classification

C  
Condition

Slope

12 %

Limiting Factor

28 "

Ground Water

Restrictive Layer

Bedrock

[Signature]  
Site Evaluator Signature

181  
SE#

4-25-89  
Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

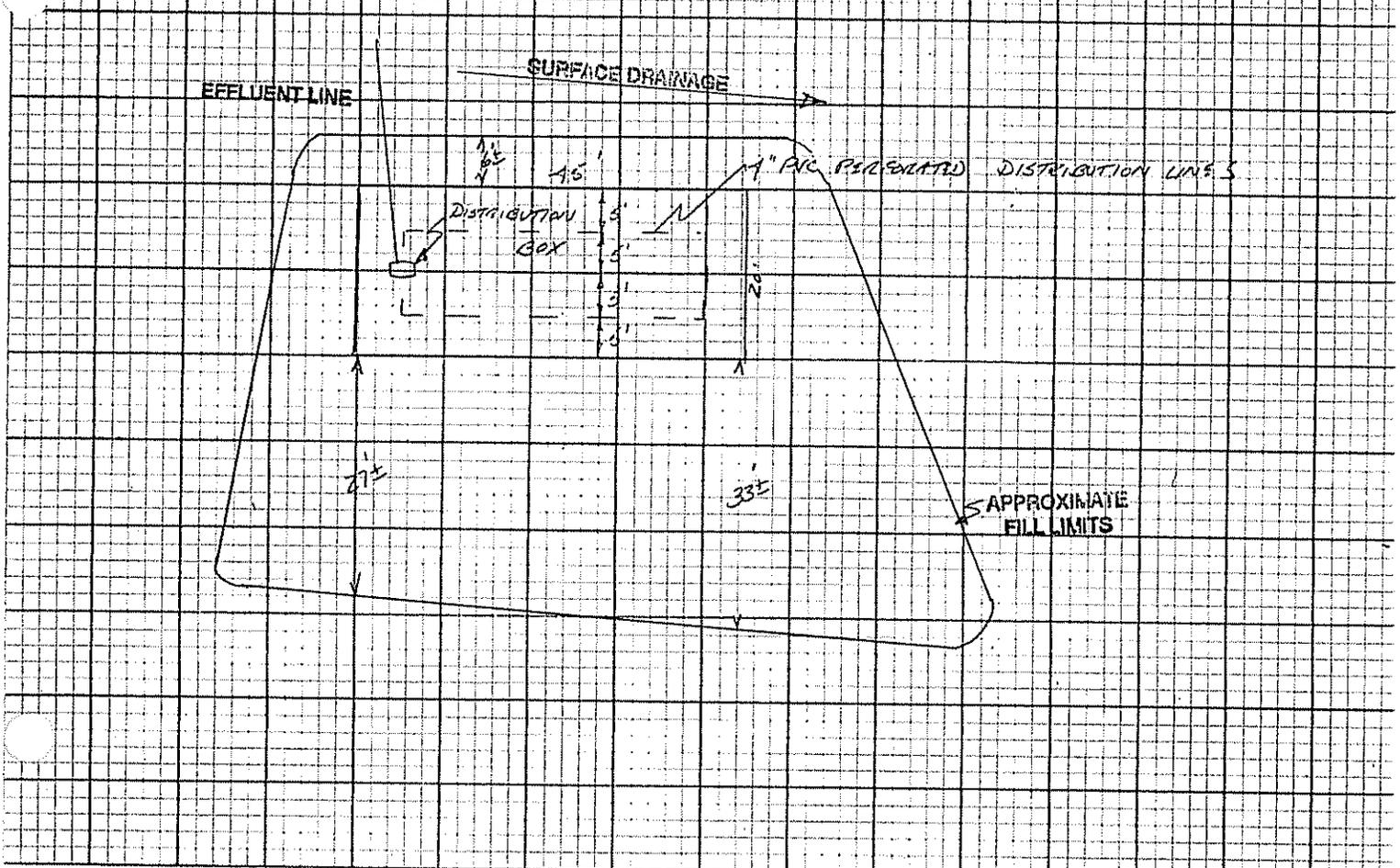
RT# 105

Owners Name

MARIC HUTCHINSON

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



### FILL REQUIREMENTS

Depth of Fill (Upslope)

16"

Depth of Fill (Downslope)

40-45"

### CONSTRUCTION ELEVATIONS

Reference Elevation is

00"

Bottom of Disposal Area

-53"

Top of Distribution Lines or Chambers

-42"

### ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

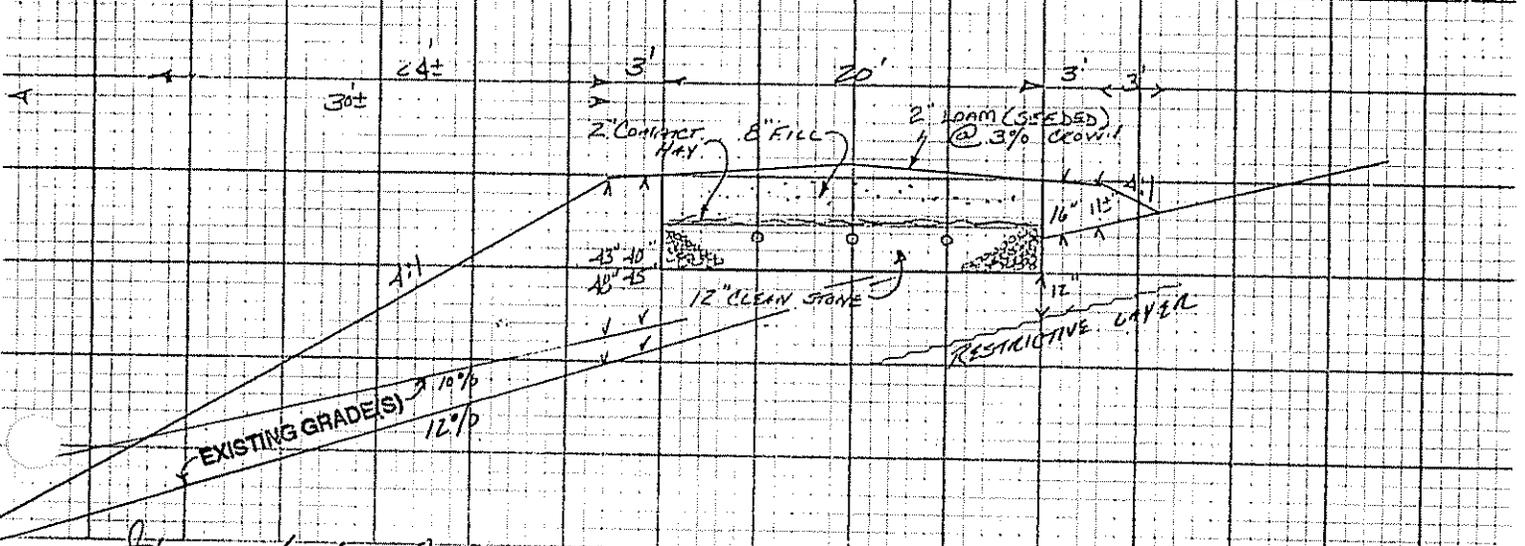
FLAGGED NAIL IN 10" HEMLOCK TREE 12" ABOVE EXISTING GRADE

### DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 4 Ft.

Horizontal: 1 inch = 10 Ft.



*John Richard*  
Site Evaluator Signature

181  
SE#

4-25-89  
Date

NOTES

1. All constructions shall conform to "State of Maine - Subsurface Wastewater Disposal Rules-Chapter 241" latest revision.
2. All fill shall be sandy loam or coarser, with sufficient fines for adequate compaction.
3. Wells shall be located a minimum of 100' from subsurface disposal systems. Systems shall be a minimum of 20' from any structure.
4. Property lines shown are as provided by owner and no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
5. A septic tank outlet filter is recommended when installing a mechanical garbage disposal.
6. Pump stations, when required, shall be installed watertight to prevent the infiltration of ground and/or surface water. Pumps shall be installed to manufacturers recommendations and sized for actual installed T.D.H.. For uninterrupted service during maintenance or repair, duplex pump systems are required.
7. Force mains and pressure lines shall be flushed of foreign material and pumps shall be checked for proper on/off cycle before being put into service.
8. Applicability of design must be re-evaluated 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.
9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to the system.
10. Provide low profile septic tank when determined as necessary in the field. Septic tanks may be field located a minimum of 8' from any buildings.
11. A "Minimum Lot Size Variance" is required for any lot less than 20,000 square feet in area (unless grandfathered).
12. Force Mains, Pump Stations, and/or gravity piping subject to freezing shall be adequately insulated.
13. The LPI shall inform the owner and designer of any local ordinance exceeding the rules (Chapt-241) prior to issuing a permit, so that the application may be properly amended to conform to such ordinance.
14. All designs are subject to review by local, State, or Federal authority. Designers liability shall be limited to revisions required by regulatory agency.