M3L30

# 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 #: CHURCH Hill Rd.

## PROPERTY OWNERS NAME

Last: Dubord First: Roseire & Geraldine

Applicant Name: Same

Mailing Address of Owner/Applicant (If Different): Route 1, Box 674 South Harpswell, Me. 04079

AUGUSTA 2466 TOWN COPY

Date Permit Issued: 7/13/92 $ 160.00 FEE ☐ Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 108

### 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.*

Roseire Dubord — Signature of Owner/Applicant — July 10/92 — Date

### 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 — 8/21/92 — 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# _____
3. ☐ 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 Ac. ±

ZONING: Rural/Resid.

**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 Dwelling - Min. design Flow Plus 15%

DESIGN FLOW: 308 (GALLONS/DAY)

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

| PROFILE | CONDITION |
|---|---|
| 3 | B |

DEPTH TO LIMITING FACTOR: 22.

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

**DISPOSAL AREA TYPE/SIZE**
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 525 Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

## SITE EVALUATOR STATEMENT

On 5/16/92 (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# — 5/16/92 — Date

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

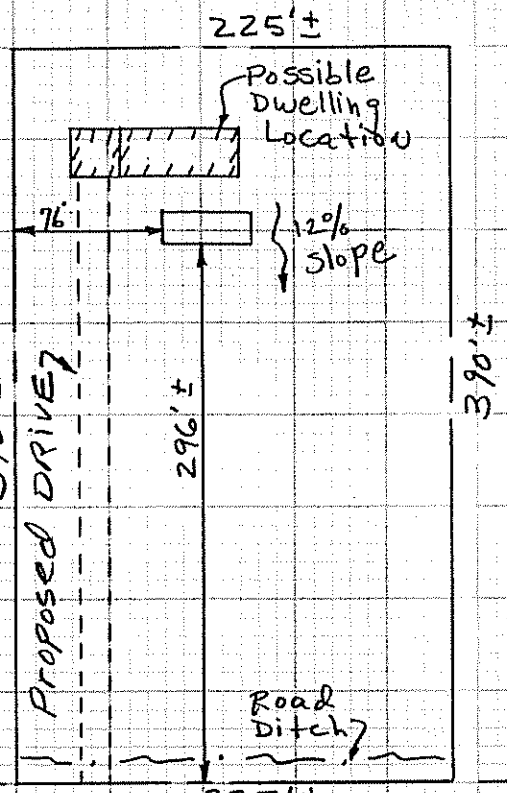
# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| AUGUSTA | CHURCH HILL Rd. | Rosaire Dubord |

**SITE PLAN**

Scale 1" = 100 Ft.

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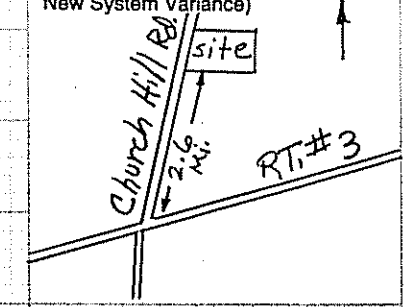
SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)




NOTES:
1. Dwelling to be min. 15' from disposal area if not on full foundation, 20' for full foundation.
2. Septic Tank to be min. 8' from dwelling.
3. Well to be min. 100' from septic Tank and disposal Area.
4. Lot Lines are shown as indicated by seller.

CHURCH HILL ROAD

To Route 3 →

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

Observation Hole TP 1, 2 & 4 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Texture | Consistency | Color | Mottling |
|---|---|---|---|
| gravelly | | Dark Brown | |
| fine | Friable | yellow | NONE |
| sandy | | Brown | |
| Loam | | | observed |
| | | Light Brown | |
| | Firm | olive | |
| | | Brown | |

| Soil | Classification | Slope | Limiting Factor | |
|---|---|---|---|---|
| 3 (Profile) | B (Condition) | 12 % | 24" | ☐ Ground Water ☒ Restrictive Layer ☐ Bedrock |

Observation Hole TP 3 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Texture | Consistency | Color | Mottling |
|---|---|---|---|
| gravelly | | Dark Brown | |
| fine | Friable | yellow | NONE |
| sandy | | Brown | |
| Loam | | | observed |
| | | Light Brown | |
| | Firm | olive | |
| | | Brown | |

| Soil | Classification | Slope | Limiting Factor | |
|---|---|---|---|---|
| 3 (Profile) | B (Condition) | 12 % | 22" | ☐ Ground Water ☒ Restrictive Layer ☐ Bedrock |

David P. Roque — Site Evaluator Signature

154 — SE#

5/16/92 — Date

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|---|---|---|
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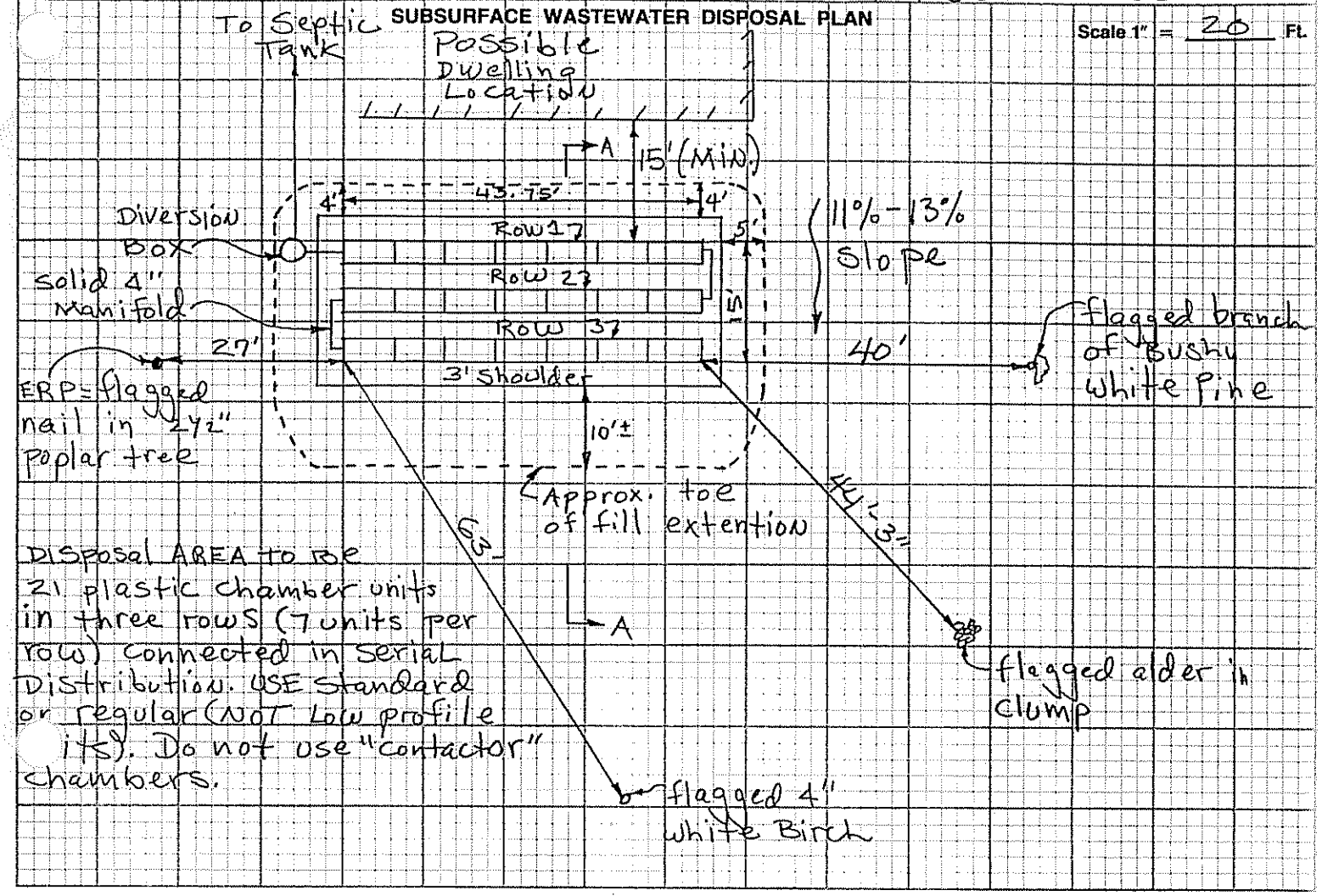
## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.




DISPOSAL AREA TO BE 21 plastic chamber units in three rows (7 units per row) connected in serial Distribution. USE standard or regular (NOT Low profile units). Do not use "contactor" chambers.

| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT LOCATION & DESCRIPTION |
|---|---|---|---|---|
| Depth of Fill (Upslope) | 15" | Reference Elevation is | 0" | flagged nail in 2½" poplar tre |
| Depth of Fill (Downslope) | 15" | Bottom of Disposal Area | see below | North of disposal area |
| | | Top of Distribution Lines or Chambers | | |

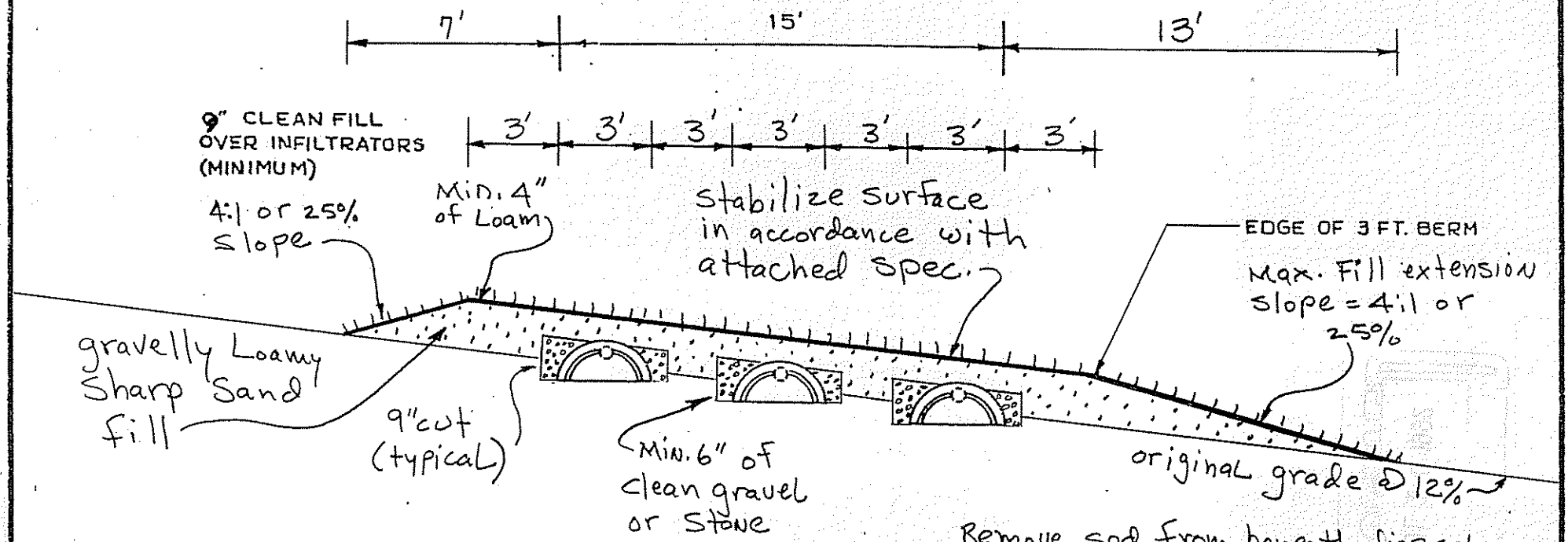
## DISPOSAL AREA CROSS SECTION

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

| | BOTTOM TRENCH | TOP CHAMBERS |
|---|---|---|
| ROW 1 | -47" | -31" |
| ROW 2 | -57" | -41" |
| ROW 3 | 67" | -51" |

David P. Roque — Site Evaluator Signature
154 — SE#
5/16/92 — Date

# INFILTRATOR CROSS SECTION 11-12%




Remove sod from beneath disposal area and entire fill extension area. Rototill exposed soil surface before adding fill or installing chambers. All fill to be gravelly Loamy Sharp sand except for 4" of loam over surface and clean gravel next to chambers.

ORIGINAL GRADE 12%

FILL UNDER INFILTRATORS TO BE See above TEXTURE.

FILL AROUND INFILTRATORS TO BE See above TEXTURE.

## NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

| | | |
|---|---|---|
| SITE EVALUATOR: David P. Rocque | | |
| OWNER: Rosaire Dubord | NUMBER OF INFILTRATORS: 21 | PERCENT SLOPE: 12% |
| LOCATION: AUGUSTA CHURCH HILL Road | ELEVATIONS: REFERENCE PT. 0" | BOTTOM TRENCH #1 -47" |
| DATE: 5/16/92 / SCALE: 1 INCH = 5 FEET | BOTTOM TRENCH #2 -57" | BOTTOM TRENCH #3 -67" |