called 5-5-99 2:50 left mess

622-7682

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

AUGUSTA 4173 TOWN COPY

Date Permit Issued: 5 5 99 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 8511

**PROPERTY LOCATION**

| | |
|---|---|
| Town or Plantation | AUGUSTA |
| Street Subdivision Lot # | Riverside Drive |

**PROPERTY OWNERS NAME**

Last: Bouchard First: Richard

Mailing Address of Owner: 541 Riverside Drive #75, Augusta, Me. 04330

Daytime Tel. # 622-7682

Municipal Tax Map # 55 Lot Page # 10-E Part of

**Owner Statement**

I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Richard Bouchard

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 Application.

Ronald MP 12/27/99 GRF.

Local Plumbing Inspector Signature Date Approved

**PERMIT INFORMATION**

**THIS APPLICATION IS FOR:**
1. ☒ First Time System
2. ☐ Multi-User System
3. ☐ Replacement System
4. ☐ Expanded System
   - ☐ One-time exempted
   - b. ☐ Non-exempted
5. ☐ Experimental System
6. ☐ Seasonal Conversion

**THIS APPLICATION REQUIRES:**
1. ☒ No Rule Variance
2. ☐ First Time System Variance (Municipal)
3. ☐ First Time System Variance (State)
4. ☐ Replacement System Variance
   - a. ☐ Local Plumbing Inspector approval
   - b. ☐ State & Local Plumbing Inspector approval
5. ☐ Minimum Lot Size Variance
6. ☐ Seasonal Conversion Variance

**DISPOSAL SYSTEM COMPONENT(S)**
1. ☒ Non-Engineered System
2. ☐ Primitive System
3. ☐ Alternative Toilet
   Specify _____
4. ☐ Non-Engineered Treatment Tank
5. ☐ Holding Tank _____ Gallons
6. ☐ Non-Engineered Disposal Area (only)
7. ☐ Separated Laundry System
8. ☐ Engineered System (+2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Area (only)

**SIZE OF PROPERTY**
2± Acres

**SHORELAND ZONING**
☐ Yes ☒ No

**DISPOSAL SYSTEM TO SERVE:**
1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling Unit
   Number of Units _____
3. ☐ Other _____ SPECIFY

**TYPE OF WATER SUPPLY**
Drilled well (Prop.)

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

**TREATMENT TANK**
1. ☒ Concrete
   - ☒ Regular
   - ☐ Low Profile
2. ☐ Plastic

SIZE 1000 Gallons

**DISPOSAL AREA TYPE/SIZE**
1. ☒ Stone Bed _____ Sq.Ft.
2. ☐ Proprietary Device _____ Sq.Ft.
   - ☐ Clustered ☐ Linear
   - ☐ Regular ☐ H-20
3. ☐ Trench _____ Lin. Ft.
4. ☐ Other _____

**GARBAGE DISPOSAL UNIT**
1. ☒ No
2. ☐ Yes
   - ☐ Multi-compartment tank
   - ☐ Tank in series
   - ☐ Increase in tank capacity
   - ☐ Filter on tank outlet

**CRITERIA USED FOR DESIGN FLOW**
(Show Calculations)
2 Bedroom HOME

DESIGN FLOW: 215 (Gallons/Day)

**PROFILE & DESIGN CLASS**

| PROFILE | DESIGN |
|---|---|
| 8 | D |

DEPTH TO MOST LIMITING FACTOR 12"

**DISPOSAL AREA SIZING**
1. ☐ Small 2.0
2. ☐ Medium 2.60
3. ☐ Medium-Large 3.30
4. ☒ Large 4.10
5. ☐ Extra-Large 5.00

**PUMPING**
1. ☐ Not Required
2. ☒ May Be Required
3. ☐ Required

DOSE 15-30 Gallons

**SITE EVALUATOR'S STATEMENT**

On 5/1/99 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

David P. Rocque — Site Evaluator Signature
154 — SE #
5/1/99 — Date
DAVID P. ROCQUE — Print Name
(207) 622-7487 — Telephone

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

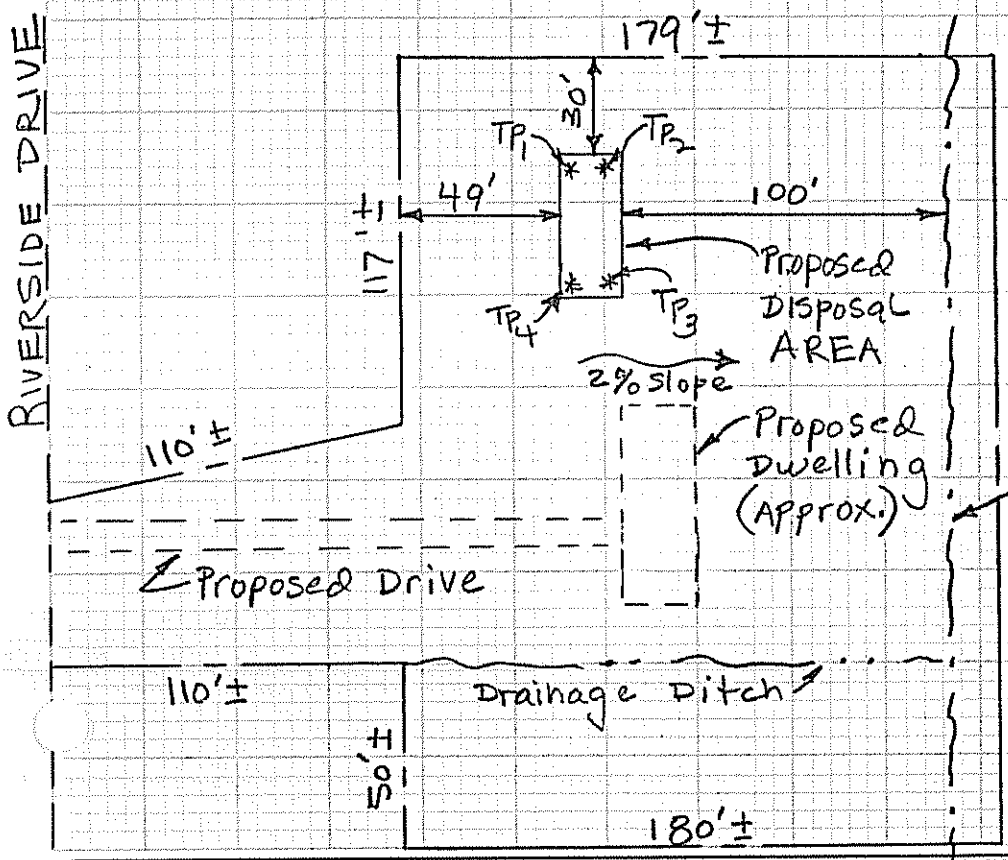
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: RIVERSIDE Drive

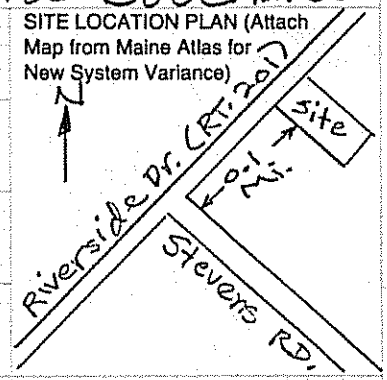
Owners Name: Richard Bouchard

## SITE PLAN

Scale 1" = 60 Ft.




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




Notes: Dwelling to be min. 15' from Disposal field AND 8' from Septic Tank. Well to be MIN. 100' from septic Tank and Disposal Field.

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

Observation Hole TP1 & TP3 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Texture | Consistency | Color | Mottling |
|---|---|---|---|
| Gravelly Loam (old fill) | Friable | Dark Brown yellow Brown | NONE observed |
| SILT Loam to Silty clay Loam | Firm | olive Brown to olive gray | COMMON distinct |

| Soil Profile | Classification Condition | Slope % | Limiting Factor | |
|---|---|---|---|---|
| B | C | 2 | 18" | ☒ Ground Water ☒ Restrictive Layer ☐ Bedrock |

Observation Hole TP2 & TP4 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Texture | Consistency | Color | Mottling |
|---|---|---|---|
| gravelly Loam (old fill) | Friable | Dark Brown olive Brown | NONE observed |
| SILT Loam to Silty clay Loam | Firm | olive gray | COMMON distinct |

| Soil Profile | Classification Condition | Slope % | Limiting Factor | |
|---|---|---|---|---|
| B | D | 2 | 12" | ☒ Ground Water ☒ Restrictive Layer ☐ Bedrock |

David P. Rocque
Site Evaluator Signature

154
SE#

5/1/99
Date


HHE-200 Rev.1/84

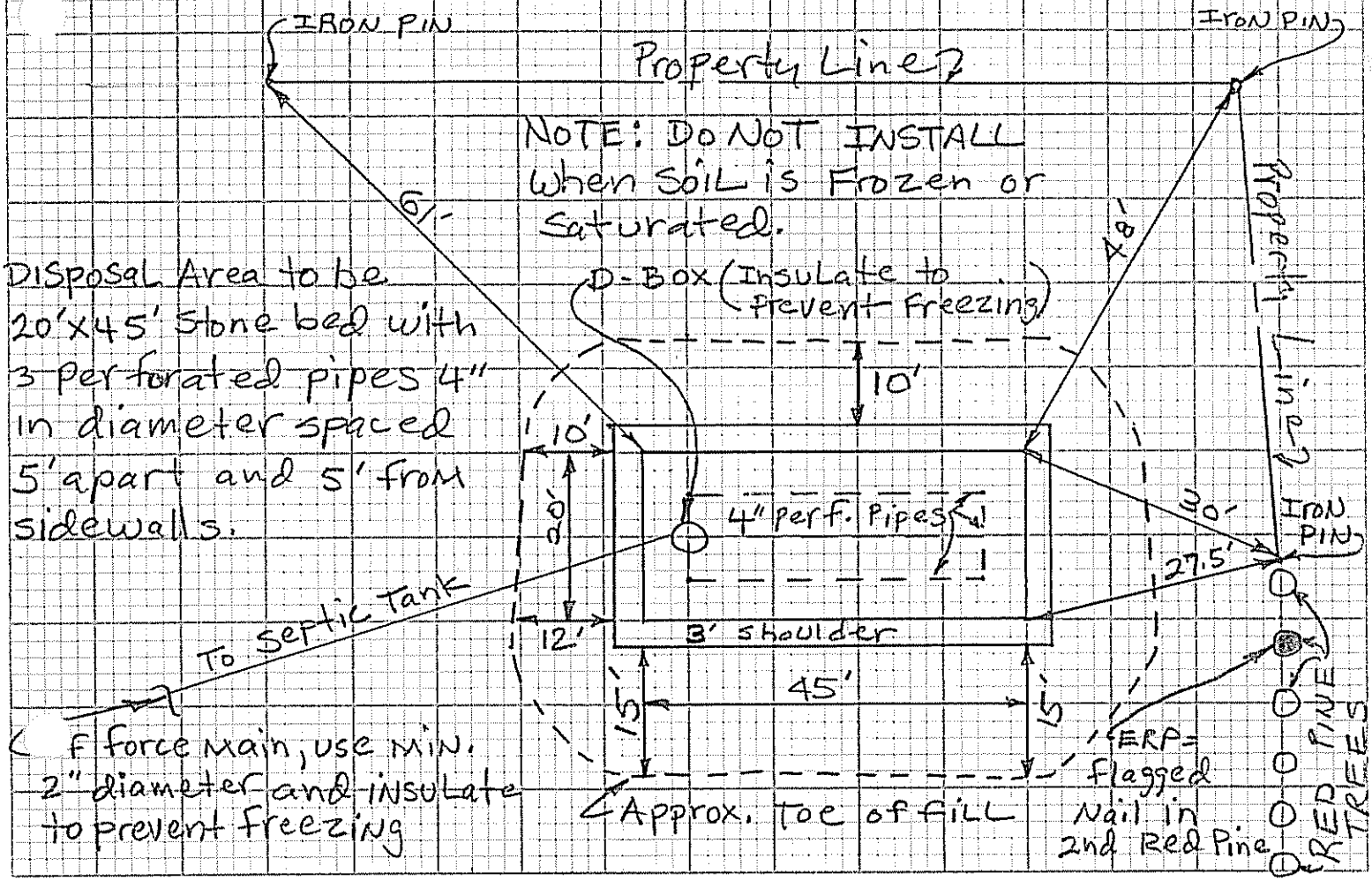
# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| AUGUSTA | RIVERSIDE DRIVE | RICHARD BOUCHARD |

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.




| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT LOCATION & DESCRIPTION |
|---|---|---|---|---|
| Depth of Fill (Upslope) | 30-32" | Reference Elevation is | 0 | Flagged Nail in Red Pine |
| Depth of Fill (Downslope) | 34-35" | Bottom of Disposal Area | -33 | 42.5" above ground |
| | | Top of Distribution Lines or Chambers | -23 | |

## DISPOSAL AREA CROSS SECTION

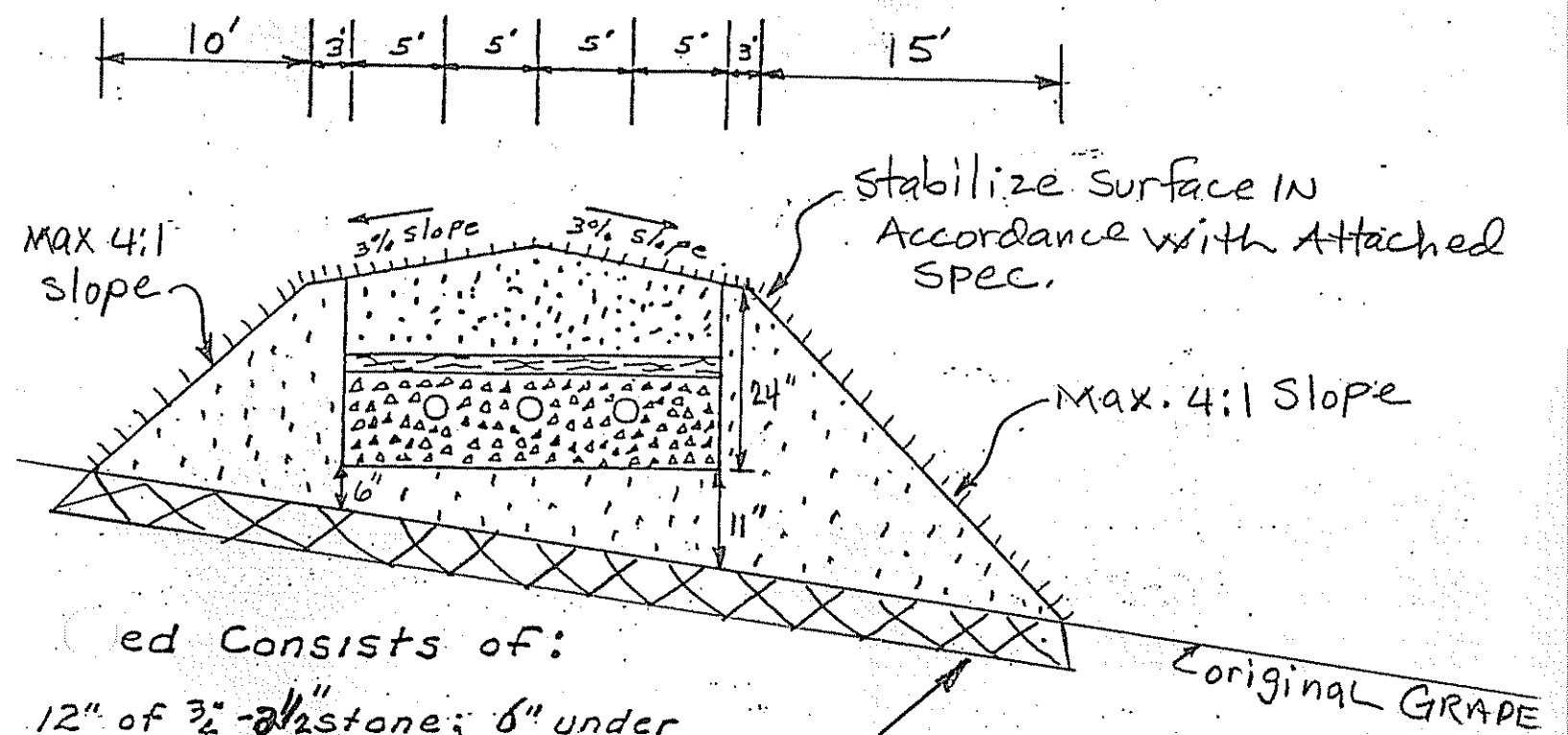
Scale:
Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

SEE NEXT SHEET

David P. Roque — Site Evaluator Signature
154 — SE#
5/1/99 — Date

# Subsurface Absorption Area Cross-Section

(Not to Scale)




ed Consists of:

12" of 3/4"-2 1/2" stone; 6" under pipe and 2" over pipe.

2" of compressed hay over Stone, or Approved filter fabric.

8" of gravelly coarse sand fill, over hay.

Top of bed to be stabilized with loam AND SEED.

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

TRANSITION HORIZON:
Remove the organic soil horizon from beneath the Disposal Area and fill extension Area, Mix in 6" Minimum gravelly Coarse Sand fill, then bring to grade with gravelly Coarse sand fill.

Gravelly Coarse Sand Fill Shall Have Approx.:
15%-30% gravel
2%-8% fines
No more than 2% clay

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.