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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street	Church Hill Road
Subdivision Lot #	Map 7 Lot 24

AUGUSTA 3700 TOWN COPY

Date Permit Issued 6-13-97 $100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1108

PROPERTY OWNERS NAME

Last: Bourque First: Joe & Crystal

Mailing Address of Owner/Applicant (If Different)	RFD 1 Box 103 836 Riverside Dr. Augusta, ME 04330
Daytime Tel. #	

Municipal Tax Map # _____ Lot # _____

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge, that I have read and agree with the conditions on the back of this form and understanding that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Signature of Owner/Applicant 5/22/97 Date

Caution: Inspection Required

I have inspected the installation authorized above and on back of this form and found it to be in compliance with the Subsurface Wastewater Disposal Rules and local ordinances.

Local Plumbing Inspector Signature 10/15/97 Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☒ First Time System
2. ☐ Multi-User System
3. ☐ Replacement System
4. ☐ Expanded System
   a. ☐ 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

21 acres (approximate)

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

PROPOSED DRILLED WELL

DESIGN DETAILS (system layout shown on another page)

TREATMENT TANK

1. ☒ Concrete
   ☒ Regular
   ☐ Low Profile
2. ☐ Plastic

SIZE: 1,000 Gallons

DISPOSAL AREA TYPE/SIZE

1. ☒ Stone Bed 891 Sq. Ft.
2. ☐ Proprietary Device ____ Sq. Ft.
   ☐ Clustered ☐ Linear
   ☐ Regular ☐ H-20
3. ☐ Trench _____ Linear 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)

PROPOSED SINGLE FAMILY DWELLING

3 BEDROOM

DESIGN FLOW: 270 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
3	C

DEPTH TO MOST LIMITING FACTOR 15"

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 _____ Gallons

SITE EVALUATOR STATEMENT

On APRIL 30, 1997 (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.

Kane P. Coffin, an agent of Coffin Engineering & Surveying

SE #331

MAY 9, 1997
Date

Coffin Engineering & Surveying
(207) 623-9475

RR 7, Box 887A
Augusta, Maine 04330

See back of this form for conditions of permit

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation	Street, Road or Subdivision	Name of Owner
Augusta	Church Hill Rd.	Joe & Crystal Bouque

SITE PLAN Scale: 1" = or as shown Ft.

SITE LOCATION PLAN (Map from *The Maine Atlas* recommended)

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

Observation Hole TP1 ☑ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0	gravelly loam		very dark brown	
6	gravelly sandy loam	friable		
10			dark yellow brown	
15	gr. coarse s. loam			common distinct
20	gravelly fine sandy loam	firm	dark olive brown	
30				
40				
50				

Soil Profile	Class	Slope	Limiting Factor	
3	C	%	15.	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole TP2 ☑ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistency	Color	Mottling
0	gravelly sandy loam		very dark brown	
6				
10			dark yellow brown	
15	gravelly coarse sandy loam	friable		common distinct
20	gravelly fine sandy loam	firm		
30				
40				
50				

Soil Profile	Class	Slope	Limiting Factor	
3	C	%	15.	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Karen P. Coffin — Site Evaluator Signature

331 — SE #

5/11/97 — Date

Department of Human Services
Division of Health Engineering

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Owner's Name: **Joe & Crystal Bourque**

Town, City, Plantation: **Augusta**

Street, Road, Subdivision: **Church Hill Road**

FILL REQUIREMENTS

Depth of Fill (Upslope)	19–24"
Depth of Fill (Downslope)	24–33"

CONSTRUCTION ELEVATIONS

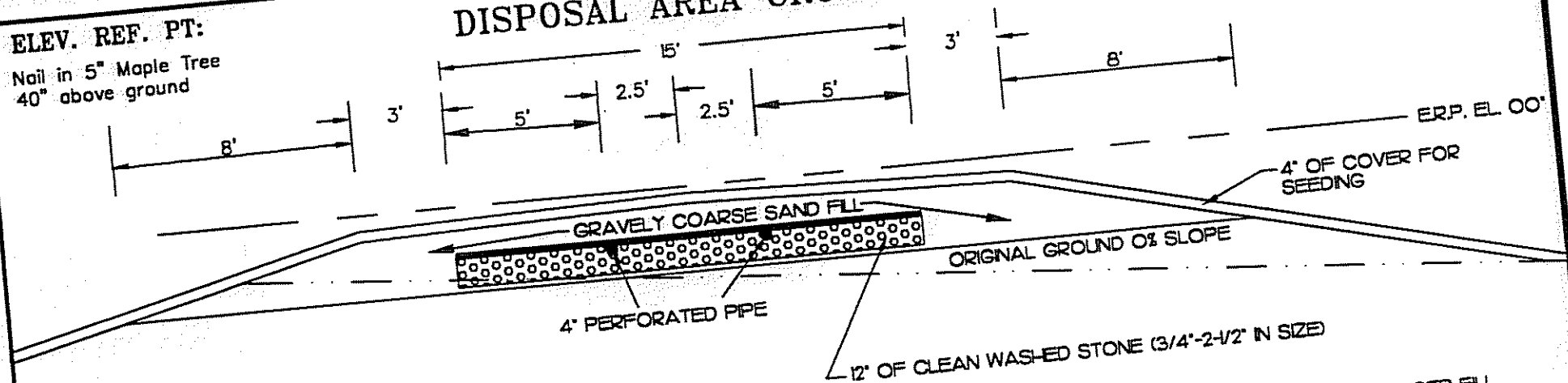
Reference Elevation is	00"
Bottom of Disposal Area	–31"
Top of distribution lines	–20"

SCALE:

Vertical: 1 inch = 5 feet
Horizontal: 1 inch = 5 feet

ELEV. REF. PT:
Nail in 5" Maple Tree
40" above ground

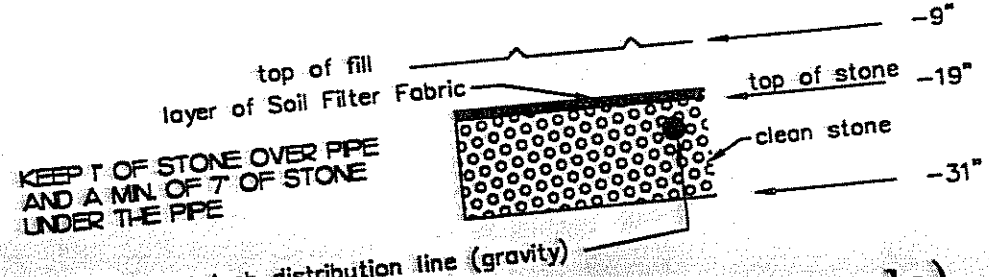
DISPOSAL AREA CROSS SECTION



DISPOSAL FIELD SHOULD ONLY BE INSTALLED ACCORDING TO THE MAINE SUBSURFACE WASTE WATER DISPOSAL RULES 144A CMR 241 UNDER TITLE 22 MRSA 42.

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER FILL THE SOIL SHOULD BE BROKEN UP TO A DEPTH OF 6-8 INCHES.

E.R.P. elev.



INSTALL 15' BY 55' STONE BED

CHAMBER DETAIL (no scale)

HHE-200

Date: 5/09/97

Site Evaluator's Signature: Kane P. Coffin # 331

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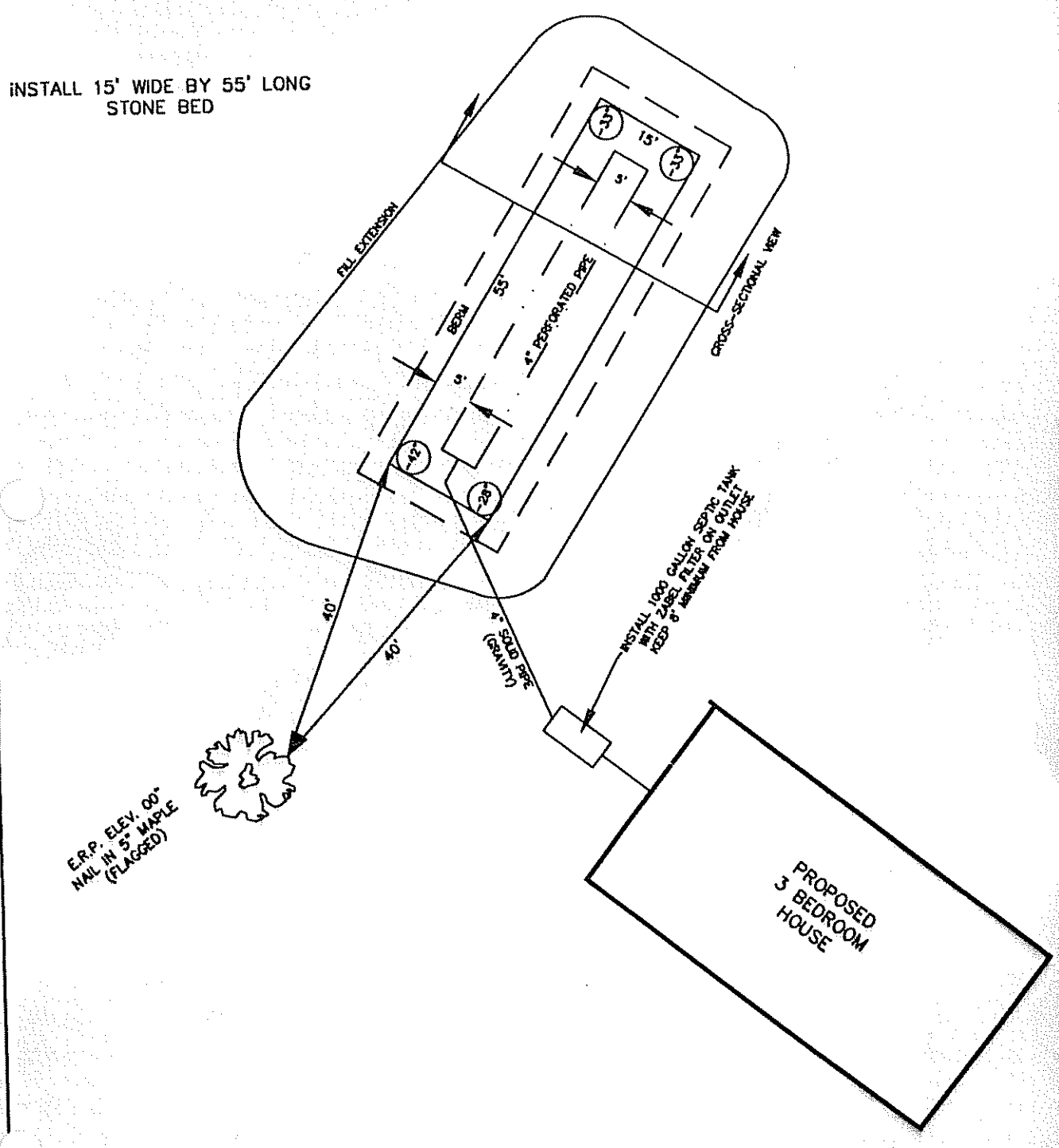
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	**Church Hill Road**	**Joe & Crystal Bourque**

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 feet



Site Evaluator's Signature Kane P. Coffin 331 Date: 5/11/97 **HHE-200**