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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

Town or Location: AUGUSTA

Street Subdivision Lot •: 900 RIVERSIDE DRIVE

AUGUSTA 4184 TOWN COPY

Date Permit Issued: 5.25.99

$ 100.00 FEE ☐ If Double Fee Charged

L.P.I. # 1850

Local Plumbing Inspector Signature

PROPERTY OWNER'S NAME

Last: SHAW First: JOANNE ET AL.

Applicant's Name:

Mailing Address of Owner: RT 3 Box 3500 CUSHMAN RD. WINSLOW ME 04901

Daytime Tel. •: 872-7368

Municipal Tax Map •: 55 Lot •: 6

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

Signature of Owner/Applicant: Joanne M. Shaw Date: 5/24/99

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules. Application

Local Plumbing Inspector Signature: Date Approved: 6/18/99

PERMIT INFORMATION

TYPE OF APPLICATION:

1. ☒ First Time System
2. ☐ Replacement System
   Type Replaced _____
   Year Installed _____
3. ☐ Expanded System
   ☐ a. one time exempted
   ☐ b. non exempted
   ☐ Experimental System
   ☐ Seasonal Conversion

THIS APPLICATION REQUIRES:

1. ☒ No Rule Variance
2. ☐ First Time System Variance
   ☐ a. Local Plumbing Inspector approval
   ☐ b. State & Local Plumbing Inspector approval
3. ☐ Replacement System Variance
   ☐ a. Local Plumbing Inspector approval
   ☐ b. State & Local Plumbing Inspector approval
4. ☐ Minimum Lot Size Variance
5. ☐ Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENT(S)

1. ☒ Non-Engineered System
2. ☐ Primitive System(graywater & alt toilet)
3. ☐ Alternative Toilet _____
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)
11. ☐ Pretreatment

SIZE OF PROPERTY

1.4 ± ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:

1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling: Number of Units _____
3. ☒ Other PLUS 1 BR APT OVER GARAGE

TYPE OF WATER SUPPLY

AUGUSTA WATER DISTRICT

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ Concrete
   ☒ a. Regular
   or ☒ b. Low Profile
2. ☐ Plastic
3. ☐ Other _____

SIZE 1,000 Gallons

DISPOSAL AREA TYPE / SIZE

1. ☒ Bed 1014 Sq. Ft.
2. ☐ Proprietary Device _____ Sq. Ft.
   ☐ Cluster ☐ Linear
   ☐ Regular ☐ H-20
3. ☐ Trench
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)

THREE BEDROOM SINGLE FAMILY DWELLING @ 270 GPD
+
1 BR APT @ 120 GPD
TOTAL 390 GPD

DESIGN FLOW: 390 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
5	B

DEPTH TO MOST LIMITING FACTOR 74 8"

DISPOSAL AREA SIZING

1. ☐ Small - 2.00
2. ☒ Medium - 2.60
3. ☐ Medium-Large - 3.30
4. ☐ Large - 4.10
5. ☐ Extra-Large - 5.20

PUMPING

1. ☐ Not required
2. ☒ May be required
3. ☐ Required

DOSE 50 ± Gallons

SITE EVALUATOR'S STATEMENT

On 5/17/99 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed sytem is in compliance with the Subsurface Wastewater Disposal Rules. - DESIGN SUBJECT TO LOCAL, STATE AND FEDERAL ORDINANCES.

Site Evaluator Signature: _____ SE •: 168 Date: 5-20-99

Site Evaluator Name Printed: JOHN W. LORD JR Telephone: (207) 445-3402

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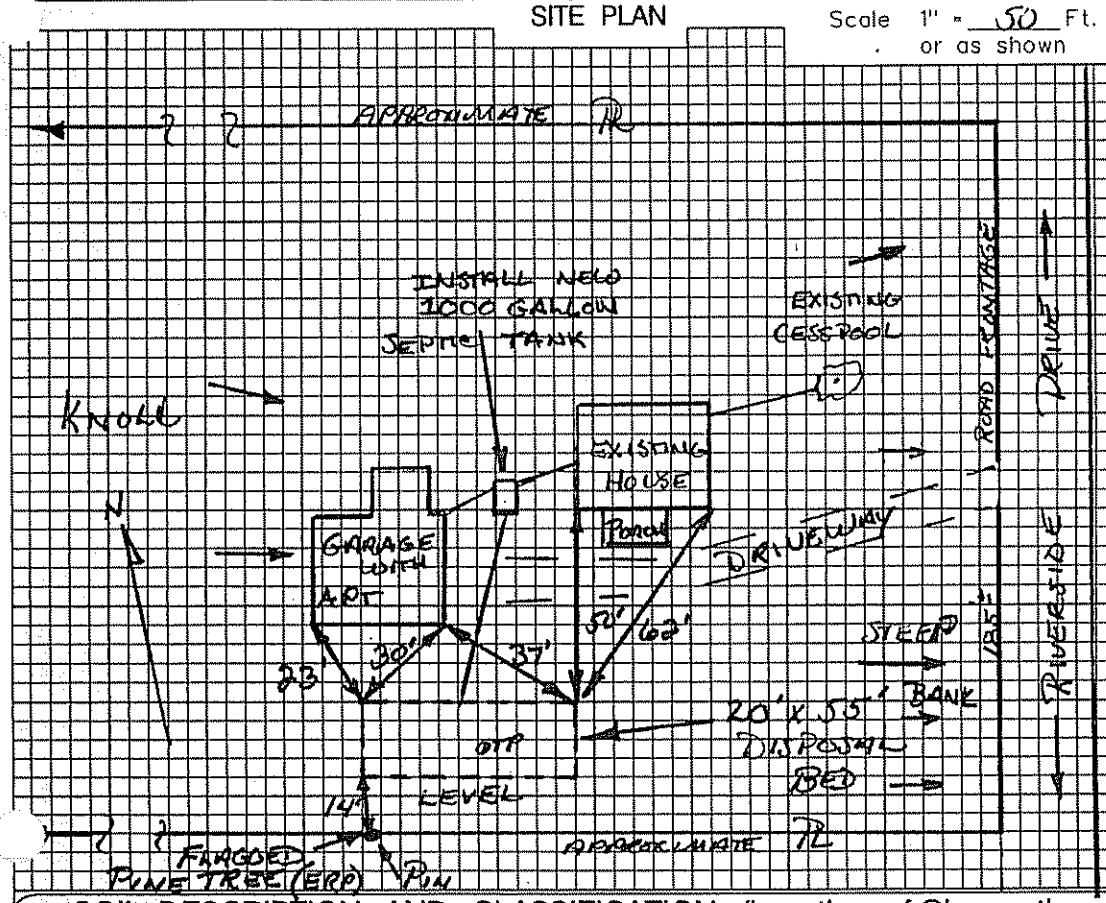
Street, Road Subdivision: 900 RIVERSIDE DRIVE

Owner's Name: JOANNE SHAW et al.

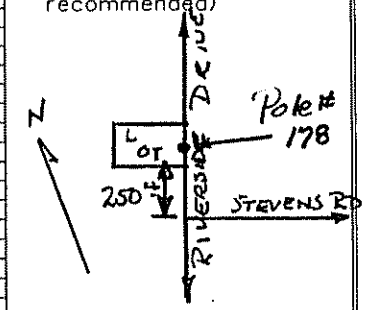
SITE PLAN

Scale 1" = 50 Ft. or as shown



NOTE: MUST RAISE + CHANGE INTERNAL PLUMBING TO AVOID PUMPING.

SITE LOCATION PLAN (Map from Maine Atlas recommended)



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

Observation Hole TP 1 ☒ Test Pit ☐ Boring

ONE " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10	SANDY LOAM	FRIABLE	BROWN	
10–20	GRAVELLY LOAMY SAND		YELLOW BROWN	NONE
20–30	GRAVELLY SAND	LOOSE	MIXED BROWNS	OBSERVED
30–50				

Soil Classification		Slope	Limiting Factor	
5 Profile	B Condition	LEVEL	148"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10				
10–20				
20–30				
30–40				
40–50				

Soil Classification		Slope	Limiting Factor	
Profile	Condition	___ %	___ "	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Site Evaluator Signature: [signature] SE # 168 Date: 5-20-99

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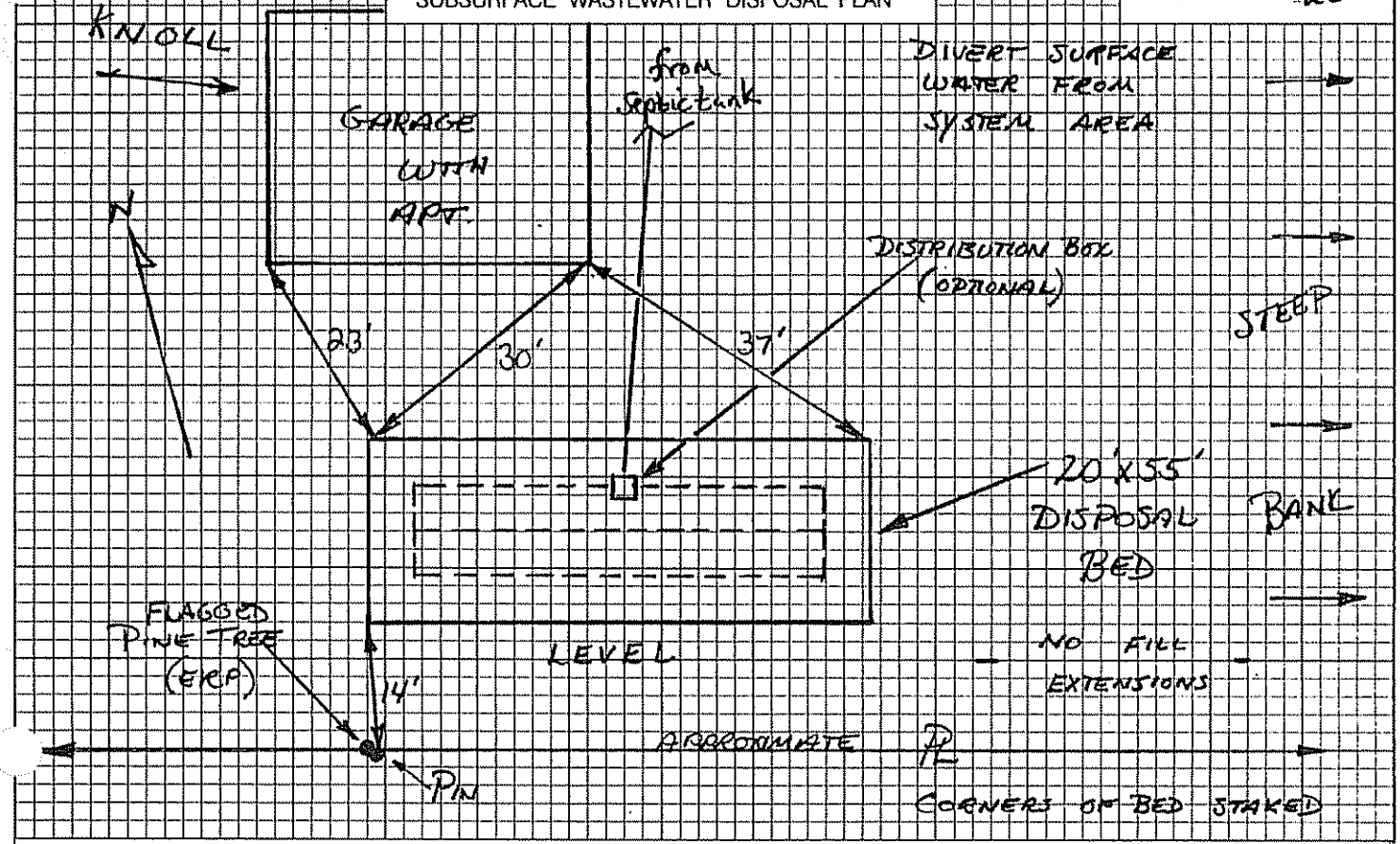
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	900 RIVERSIDE DR.	JOANNE SHAW et al.

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (ERP) Location & Description
Depth of Fill (Upslope)	0"	Finished Grade Elevation	-32"	FLAGGED NAIL IN FLAGGED
Depth of Fill (Downslope)	0"	Top of Distribution Pipe or Proprietary Device	-45"	PINE TREE 32" ABOVE
		Bottom of Disposal Area	-56"	EXISTING GRADE AT TREE. Reference Elevation

DISPOSAL AREA CROSS SECTION

SCALE: ERP IS AT → 0"
VERTICAL: 1" =
HORIZONTAL: 1" =

(SEE ATTACHED BED DIAGRAM)

Site Evaluator Signature

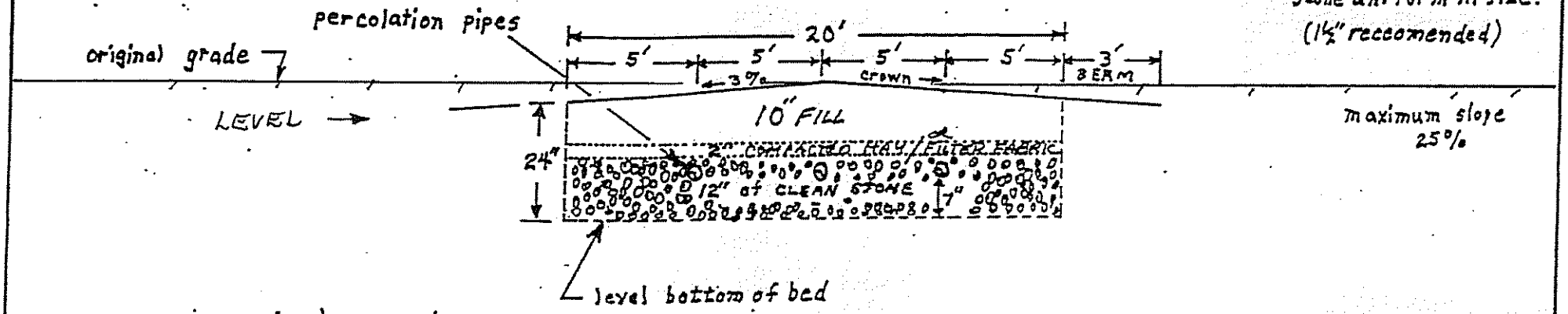
168
SE #

5-20-99
Date

SEWAGE DISPOSAL BED DETAILS

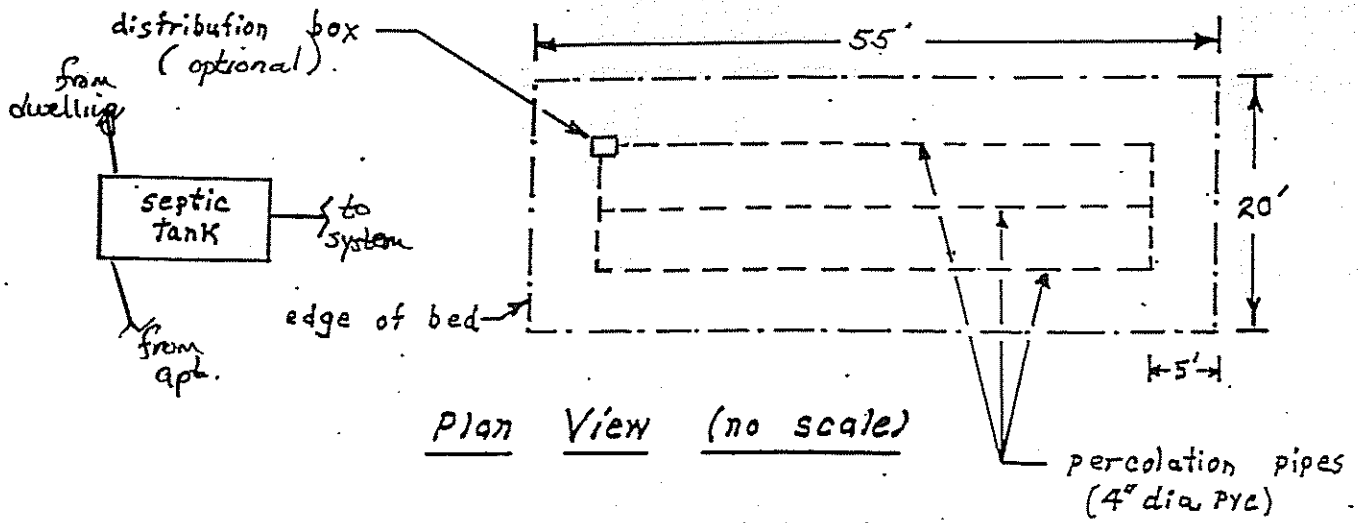
4" LOAM mulch to cover.

bed requires clean stone uniform in size. (1½" recommended)



remove organic layer and scarify the soil surface before installing fill.

Bed Cross Section (no scale)



Plan View (no scale)

NOTES

1.) 0 inches of fill is required at uphill side of bed.
2.) texture of fill shall be gravelly coarse sand.
3.) refer to the MAINE STATE PLUMBING CODE, PART II (EFFECTIVE DATE: JAN. 1, 1998) for further details regarding installation procedures. (MAINE SUBSURFACE WASTE WATER DISPOSAL RULES)

FOR: JOANNE SHAW rbd

DATE: 5-20-99

BY: JOHN W. LORD, JR. S.E. # 168