PIF 7/13/16

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
(207) 287-5672 Fax: (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	AUGUSTA
Street or Road	65 CONY ROAD
Subdivision, Lot #	11 / 100

>> CAUTION: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #7255 TOWN COPY
Date Permit Issued: 7/13/16 $ 150.00 fee
LPI # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	BOUDREAU, CATHERINE ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	398 HALLOWELL ROAD CHELSEA, ME 04330
Daytime Tel. #	207 458 8419

OWNER OR APPLICANT STATEMENT
I state and acknowledge 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.

Jean Brochu 7/13/16
Signature of Owner or Applicant Date

I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. _____ (1st) date approved

Local Plumbing Inspector Signature _____ (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: HOMEMADE TANK + TRENCHES
  - Year installed: 1958
- ☐ 3. Expanded System
  - ☐ a. <25% Expansion
  - ☐ b. >25% Expansion
- ☐ 4. Experimental System
- ☐ 5. 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 Permit

DISPOSAL SYSTEM COMPONENTS
- ☒ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, _____ gallons
- ☑ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY
35± ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☒ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY
EXISTING
☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
- ☒ 1. Concrete
  - ☒ a. Regular
  - ☐ b, Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____
- CAPACITY: 1000 GAL.

DISPOSAL FIELD TYPE & SIZE
- ☒ 1. Stone Bed ☐ 2. Stone Trench
- ☐ 3. Proprietary Device
  - ☐ a. cluster array ☐ c. Linear
  - ☐ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____
- SIZE: 1107 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
☒ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes or Maybe, specify one below:
- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☐ c. increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW
270 gallons per day
BASED ON:
- ☒ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities)
  SHOW CALCULATIONS for other facilites
- ☐ 3. Section 4G (meter readings)
  ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
12/8 / C
at Observation Hole # TP1
Depth 29" (14" OVER FILL)
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- ☐ 2. Medium---Large 3.3 sq. f.t / gpd
- ☒ 3. Large---4.1 sq. ft. / gpd
- ☐ 4. Extra Large---5.0 sq. ft. / gpd

*** EFFLUENT/EJECTOR PUMP ***
- ☒ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

RAISE WITHIN PLUMBING AS NECESSARY TO AVOID PUMPING.

Specify only for engineered systems:
DOSE: _____ gallons

LATITUDE AND LONGITUDE
at center of disposal area
Lat. N44 d 18 m 50.7 s
Lon. W69 d 44 m 16.6 s
if g.p.s, state margin of error: 18'

SITE EVALUATOR STATEMENT

I certify that on 6/2/16 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature	168 SE #	6/12/16 Date
JOHN W. LORD JR Site Evaluator Name Printed	207 445 3402 Telephone Number	JWLORDJR@GMAIL.COM E-mail Address

Note : Changes to or deviations from the design should be confirmed with the Site Evaluator.
DESIGN SUBJECT TO LOCAL, STATE + FEDERAL ORDINANCES.

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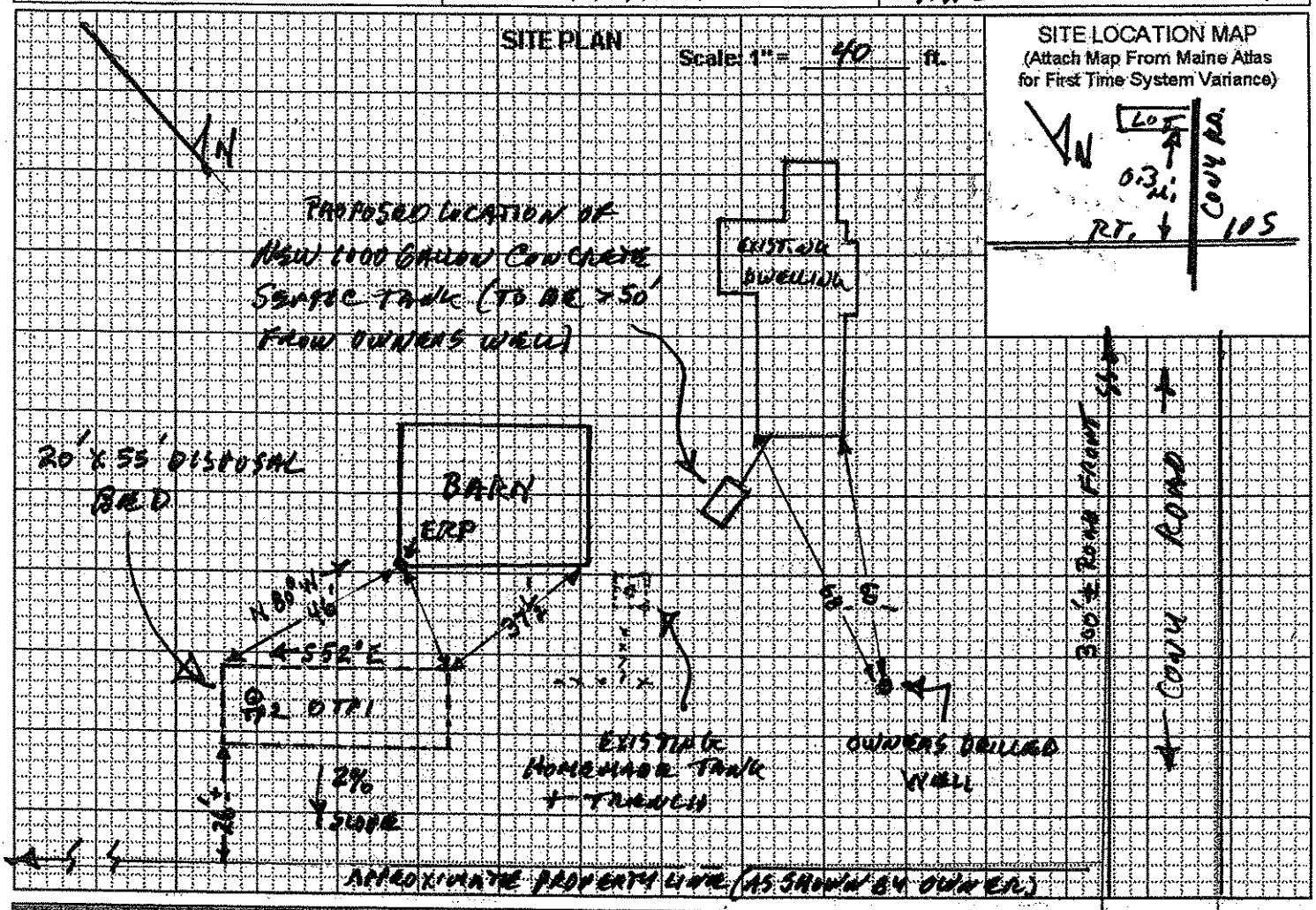
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	65 CONY ROAD	CATHERINE BOUDREAU

SITE PLAN

Scale: 1" = 40 ft.



SITE LOCATION MAP

(Attach Map From Maine Atlas for First Time System Variance)

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

Observation Hole # TP1+2 ☒ Test Pits ☐ Boring

TWO " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)

Depth	Texture	Consistency	Color	Mottling
0				
6	MIXED			
12	SS/ TO	LOOSE TO	MIXED	
18	gs FILL	FRIABLE		
24				
30	SILTY			MANY
36	CLAY	FIRM	SY 4/3	PROMINENT
42	LOAM			
48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
12/8	C	2	24 "	☒ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)

Depth	Texture	Consistency	Color	Mottling
0				
6				
12				
18				
24				
30				
36				
42				
48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
			"	☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature [signature] SE # 168 Date 6/12/16

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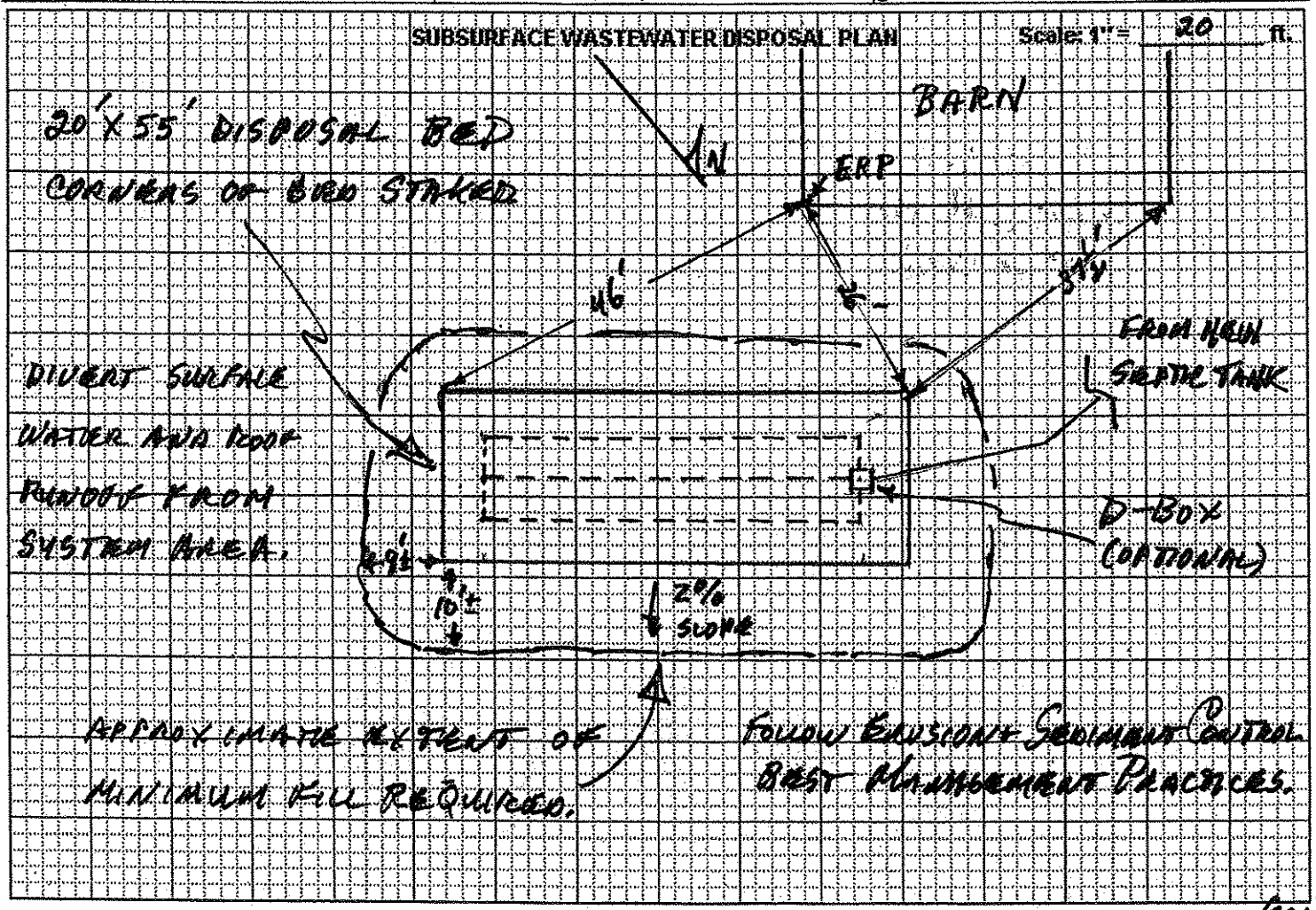
SUBSURFACE WASTEWATER DISPOSAL PLAN — Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (ERP)
Depth of Backfill (upslope)	12 "	Finished Grade Elevation	-36 "	Location & Description: FLOWED WATER BARN 40" ABOVE GRADE AT BARN
Depth of Backfill (downslope)	16± "	Top of Distribution Pipe ~~of Proprietary Device~~	-49 "	
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	-60 "	Reference Elevation is: 0.0" @:

DISPOSAL FIELD CROSS SECTION

Scales:
Vertical: 1" = ____ ft.
Horizontal: 1" = N/A ft.

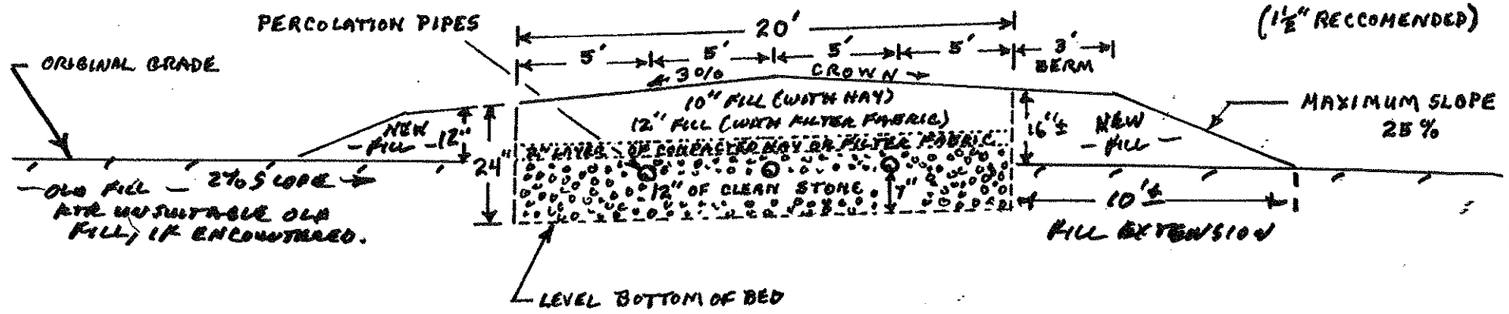
(SEE ATTACHED BED DIAGRAM)

Site Evaluator Signature — SE # 168 — Date 6/12/16

SEWAGE DISPOSAL BED DETAILS

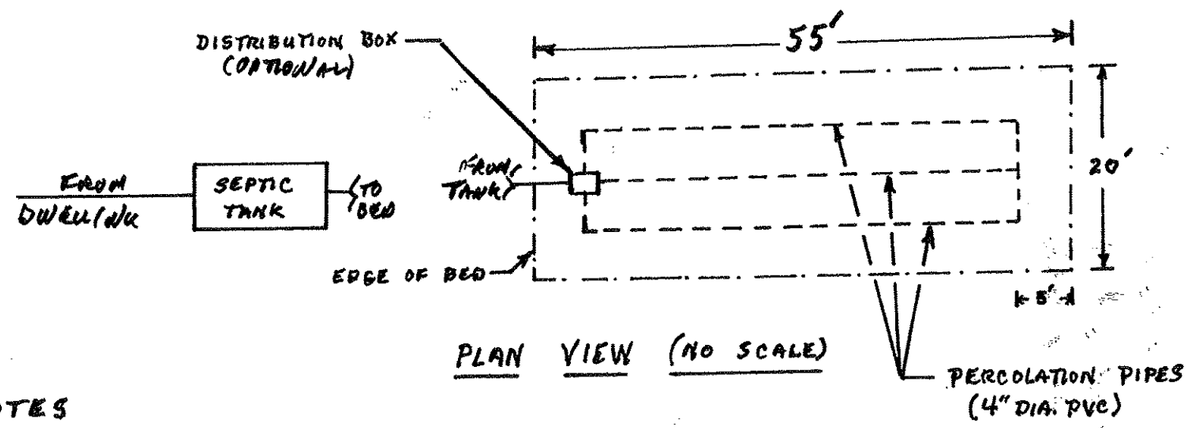
4" LOAM + MULCH TO COVER.

BED REQUIRES CLEAN STONE UNIFORM IN SIZE. ($1\frac{1}{2}$" RECCOMENDED)



REMOVE ORGANIC LAYER AND SCARIFY THE SOIL SURFACE BEFORE INSTALLING FILL. INTERFACE FILL INTO ORIGINAL SOILS.

BED CROSS SECTION (NO SCALE)



PLAN VIEW (NO SCALE)

NOTES

1.) 12 INCHES OF FILL IS REQUIRED AT UPHILL SIDE OF BED.
2.) TEXTURE OF FILL SHALL BE GRAVELLY COARSE SAND.
3.) REFER TO MAINE SUBSURFACE WASTE WATER DISPOSAL RULES FOR FURTHER DETAILS REGARDING INSTALLATION PROCEDURES.

FOR: CATHERINE BOURREAU

DATE: 6/12/16

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

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3/00