SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
287-4172

PROPERTY LOCATION

City, Town, or Plantation	AUGUSTA
Street or Road	919 EASTERN AVE NW
Subdivision, Lot #	

AUGUSTA PERMIT #6701 TOWN COPY
Date Permit Issued: 9/10/12 $250.00 fee
15.00
LPI # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	BARNES, RICHARD ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	475 POND ROAD MANCHESTER, ME 04351
Daytime Tel. #	207 622 7576

Municipal Tax Map # 15 Lot # PART OF LOT 7

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.
Signature of Owner or Applicant — Date 9-10-12

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 — (1st) date approved 9/21/12 — (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: Concrete Septic Tank w/ Leach Field
  - Year installed: 1983 ±
- ☐ 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
1.6 ± ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
- ☐ 1. Single Family Dwelling Unit, No. of Bedrooms: ____
- ☐ 2. Multiple Family Dwelling, No. of Units: ____
- ☒ 3. Other: WAREHOUSE (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: 330 ☒ 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
100 gallons per day
BASED ON:
- ☐ 1. Table 4A (dwelling unit(s))
- ☒ 2. Table 4C(other facilities)

SHOW CALCULATIONS for other facilites
WAREHOUSE @ 100 gpd - NOW 2 EMPLOYEES - ALLOWS 8 EMPL. - NO SHOWERS
- ☐ 3. Section 4G (meter readings)

ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION 1
3 / C
at Observation Hole # TP 1
Depth 22"
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

Specify only for engineered systems:
DOSE: _____ gallons

LATITUDE AND LONGITUDE
at center of disposal area
Lat. N 44 d 17 m 05.1 s
Lon. W 69 d 41 m 42.1 s
if g.p.s, state margin of error: 9'

SITE EVALUATOR STATEMENT

I certify that on 9/7/12 (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 — SE # 168 — Date 9/8/12
Site Evaluator Name Printed: JOHN W LORA JR — Telephone Number: 207 445 3402 — E-mail Address: JWLORAJR@FAIRPOINT.NET

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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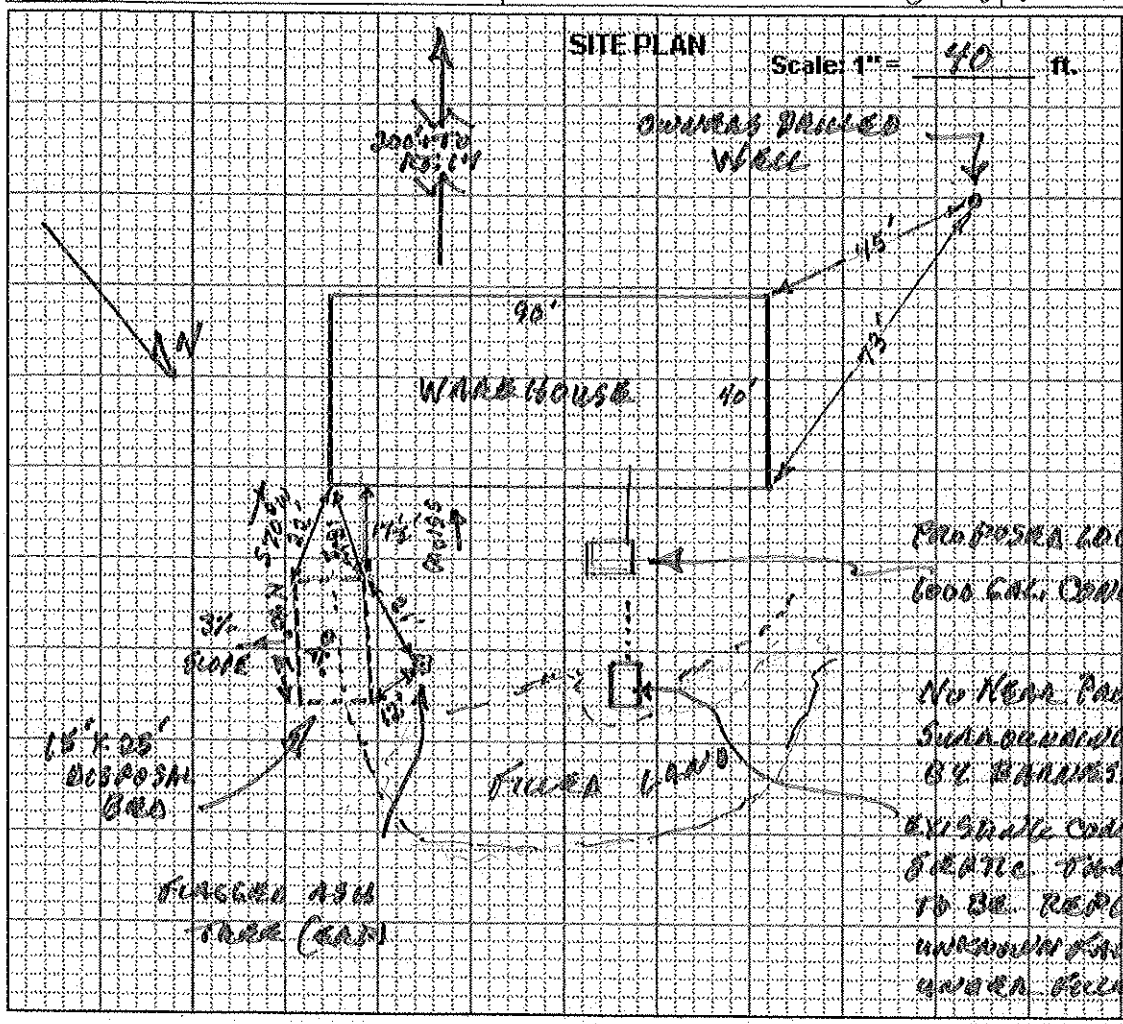
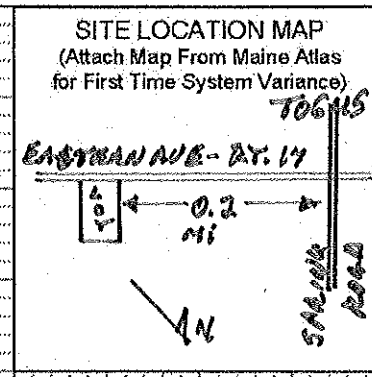
(207) 287-5338 FAX (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	919 EASTERN AVE (RT. 17)	RICHARD BARNES





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

Observation Hole # TP1 ☒ Test Pit ☐ Boring

0-REMOVED " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM		10YR 4/4	
6–18	SAND	FRIABLE	10YR 5/6	
18–48	LOAM	FIRM	2.5Y 4/2	COMMON DISTINCT

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	3	22	☒ Groundwater ☒ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–48				

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

Site Evaluator Signature _____ SE # 168 Date 9/3/12

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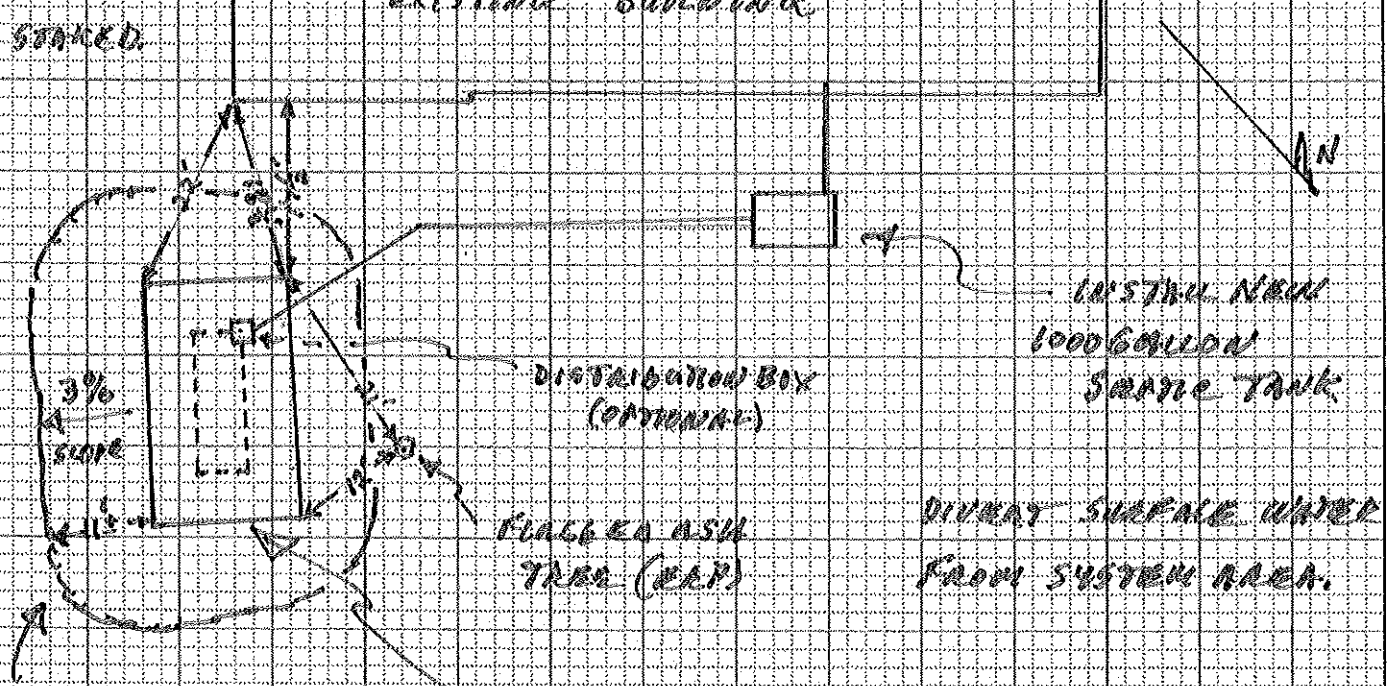
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (EEP)
Depth of Backfill (upslope)	14"	Finished Grade Elevation	-36"	Location & Description: FLAGGED MAPLE ASH TREE 29" ABOVE GRADE AT MARK.
Depth of Backfill (downslope)	30+"	Top of Distribution Pipe ~~or Proprietary Device~~	-49"	
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	-60"	Reference Elevation is: 0.0" de

DISPOSAL FIELD CROSS-SECTION

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

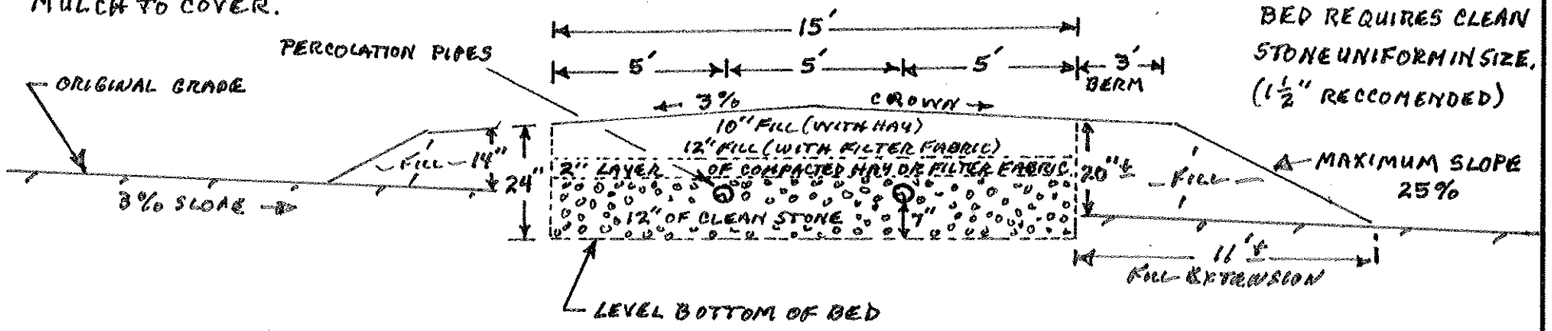
(SEE ATTACHED BED DIAGRAM)

Site Evaluator Signature	SE #	Date
	168	9/8/15

SEWAGE DISPOSAL BED DETAILS

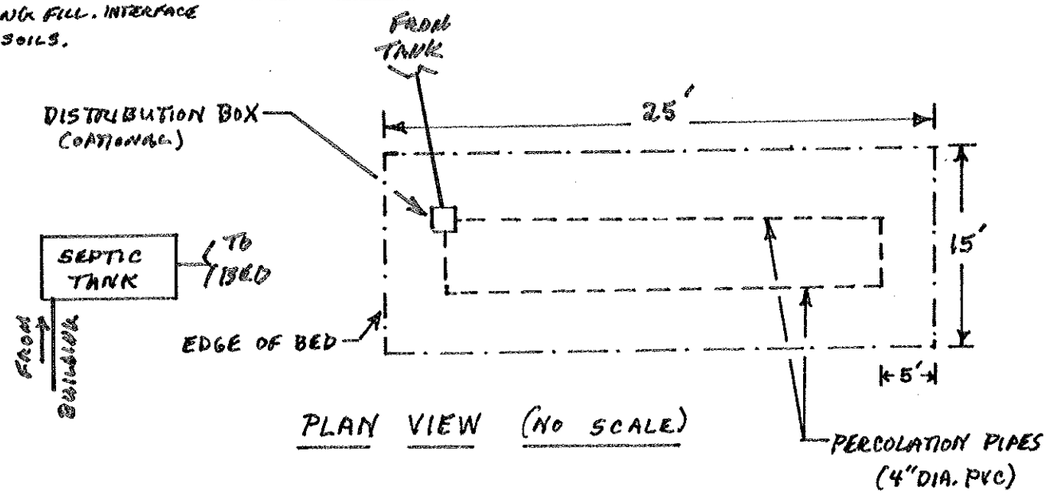
4" LOAM AND MULCH TO COVER.

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.) 14 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: RICHARD BARNES

DATE: 8/8/15

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

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