IMPORTANT NOTES RELATING TO THIS APPLICATION ON THE BACK OF THIS PAGE

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

>> CAUTION: LPI APPROVAL REQUIRED <<

City, Town, or Plantation: CUSHING

Street or Road: 135 SALT POND RD

Subdivision, Lot #: map 22 Lot 22-1

CUSHING PERMIT # 1741 STATE COPY

Issue Date: 10/19/16 $ 125.00 ☐ If Double Fee Charged

S E Buckford
Local Plumbing Inspector Signature

L.P.I. # 1591

OWNER/APPLICANT INFORMATION

Name (last, first, MI): RUSSELL, ERVIN W. JR ● Owner ☐ Applicant

Mailing Address of Owner/Applicant: 231 BAILEY RD
MIDDLETOWN, CT 06457

Daytime Tel. #: (203) 592-2717

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map # 22 Lot # 22-1

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.

Ervin W Russell Jr 10-12-16
Signature of Owner or Applicant — Date

CAUTION: INSPECTION REQUIRED

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: _____
Year installed: _____
☐ 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

9.5 ☐ SQ. FT. ● ACRES

SHORELAND ZONING

☐ Yes ● No

DISPOSAL SYSTEM TO SERVE

● 1. Single Family Dwelling Unit, No. of Bedrooms: 4
☐ 2. Multiple Family Dwelling, No. of Units: _____
☐ 3. Other: _____ (specify)
Current Use ☐ Seasonal ☐ Year Round ● Undeveloped

TYPE OF WATER SUPPLY

PROPOSED
● 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

● 1. Concrete IF CONCRETE
OR ● a. Regular I RECOMMEND
● b. Low Profile ONE WITH A
● 2. Plastic PLASTIC OUTLET BAFFLE
☐ 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~~ 25 ELJEN INDRAINS
SIZE: 100 ☐ 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

360 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
3 / C
at Observation Hole # 3
Depth 18"
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 43 d 59 m 59.0 s
Lon. W 69 d 17 m 14.1 s
if g.p.s, state margin of error: 12'

SITE EVALUATOR STATEMENT

I certify that on 8-8-15 (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).

Douglas W. Meservey
Site Evaluator Signature

13
SE #

9-10-15
Date

DOUGLAS W. MESERVEY
Site Evaluator Name Printed

832-4351
Telephone Number

E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

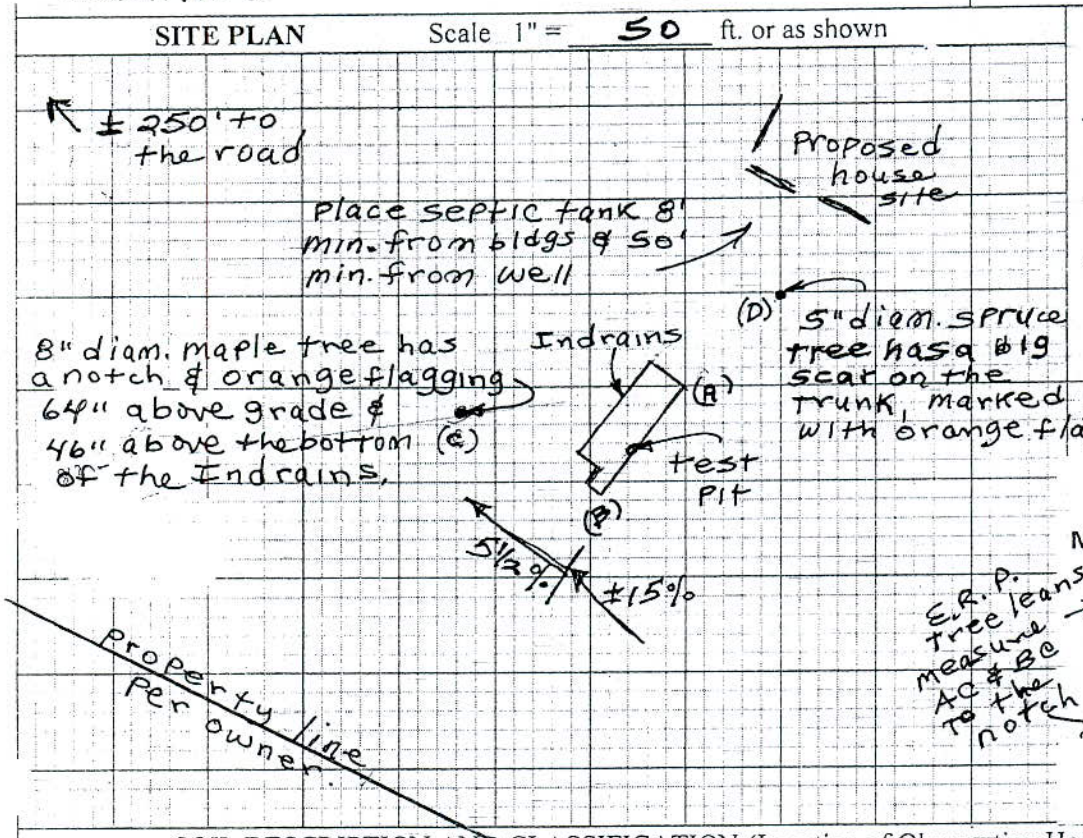
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
CUSHING	135 SALT POND RD	ERVIN W. RUSSELL, JR

SITE PLAN

Scale 1" = 50 ft. or as shown



SITE LOCATION PLAN
(map from Maine Atlas recommended)

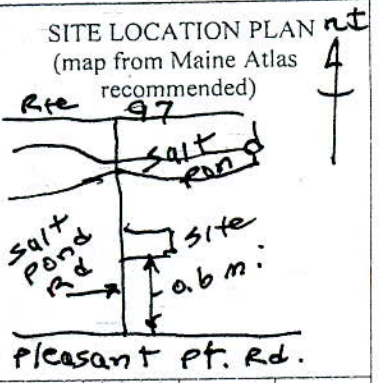


TABLE OF MEASUREMENTS

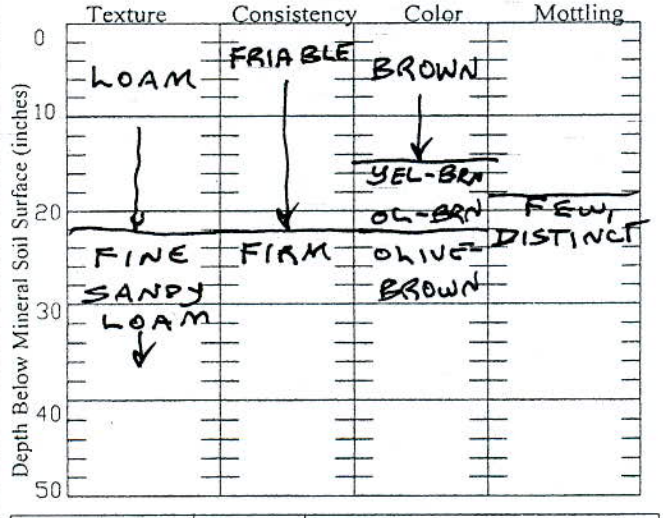
E.R.P. tree leans measure AC & BC to the notch

AC = 57' ±
AD = 32½' ±
BC = 41' ±
BD = 68½' ±

MAG. NORTH

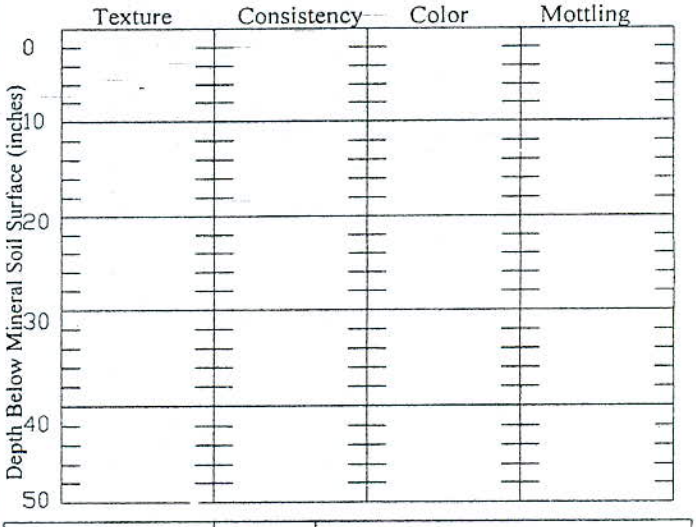
SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole 1 ■ Test Pit □ Boring
±1 " Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
3 C (Profile / Condition)	5½ %	18 "	■ Ground Water; [ ] Restrictive Layer; [ ] Bedrock; [ ] Pit Depth

Observation Hole _____ □ Test Pit □ Boring
_____ " Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
Profile / Condition	%	"	[ ] Ground Water; [ ] Restrictive Layer; [ ] Bedrock; [ ] Pit Depth

Douglas W. Messervey — Site Evaluator Signature
13 — SE #
9-10-15 — Date

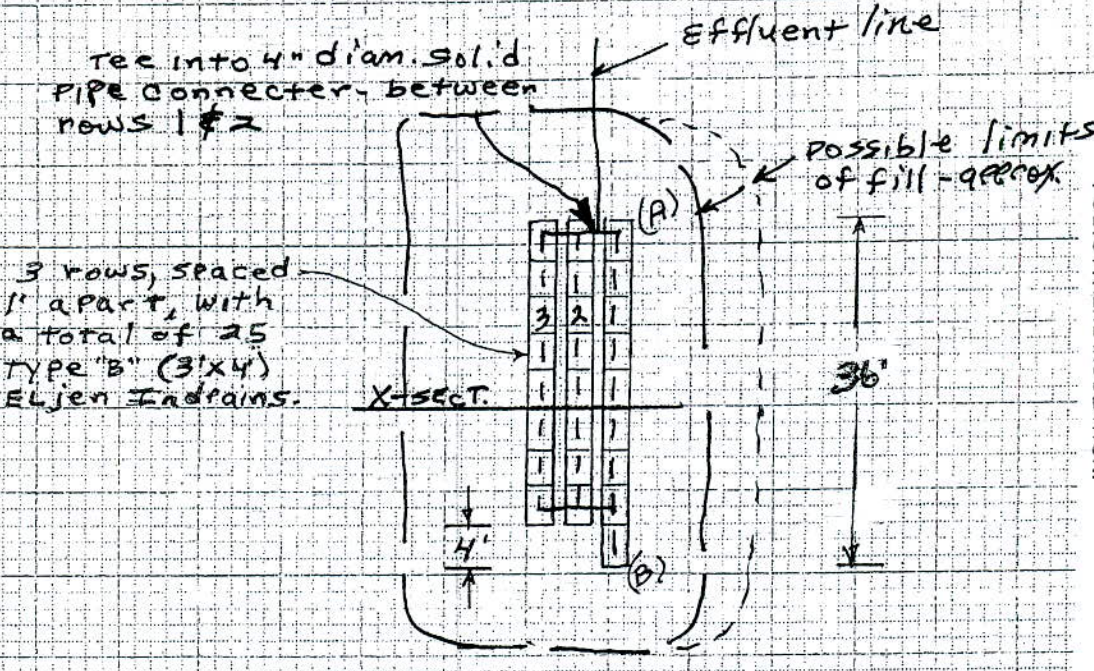
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SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



NOTE: IF PUMP IS USED, INSTALL SEWER LINE BELOW MAXIMUM FROST PENETRATION DEPTH OR INSURE THAT THE LINE WILL DRAIN OUT AFTER EACH PUMPING CYCLE, OR COVER WITH 2' OF HIGH DENSITY EXPANDED RIGID POLYSTYRENE INSULATION.

ORIG. GRADE @ UPSLOPE EDGE = -46"±
" " " DOWNSLOPE " = -54"±

SEE ALSO ENCLOSED PAGES FROM MAUFACTURERS INSTALLATION MANUAL ESPECIALLY REGARDING SAND SPECIFICATIONS AND PIPE HOOKUPS

BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 26"
Depth of Backfill (downslope) 33"
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -27"
Top of ~~Distribution Pipe or~~ Proprietary Device -39"
Bottom of ~~Disposal Field~~ INDRAINS -46"

ELEVATION REFERENCE POINT

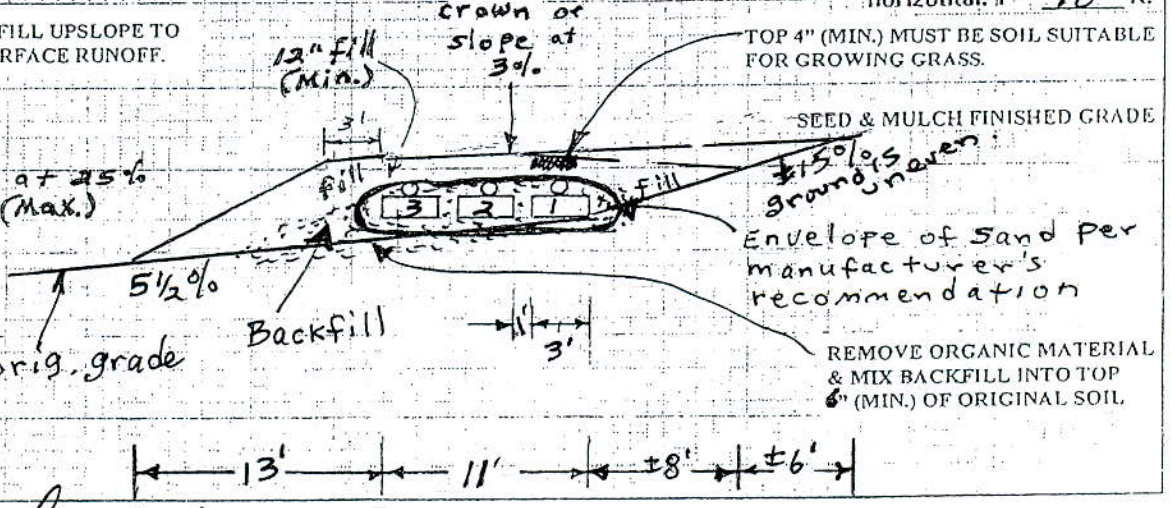
Location & Description: NOTCH IN A MAPLE TREE
Reference Elevation is: 0.0" or: _____

NOTES:
BACKFILL MUST BE COARSE SAND OR GRAVELLY COARSE SAND

DITCH OR FILL UPSLOPE TO DIVERT SURFACE RUNOFF.

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = 5 ft.
Horizontal: 1" = 10 ft.



Douglas W. Meservey — Site Evaluator Signature
13 — SE #
9-10-15 — Date