SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	SURRY
Street or Road	SUNFISH LANE
Subdivision, Lot #	LOT#14

OWNER/APPLICANT INFORMATION

Name (last, first, MI): CASANOVA, EVELYN — ■ Owner ☐ Applicant

Mailing Address of ■ Owner ☐ Applicant	1181 BANGOR ROAD ELLSWORTH, ME. 04605
Daytime Tel. #	(207) 610-9026

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 _____

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City _____ Permit # _____

Date Permit Issued ___/___/___ Fee $ _____ Double Fee Charged ( )

_____ L.P.I. # _____

Local Plumbing Inspector Signature

Fee: $ _____ state min. fee $ _____ Locally adopted fee

Copy: ☐ Owner ☐ Town ☐ State

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 the application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map # _____ Lot # _____

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with 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. Minor Expansion <25%
  - ☐ b. Major Expansion ≥ 25%
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

SIZE OF PROPERTY

_____ ☐ sq. ft.
10+ ■ acres

SHORELAND ZONING

☐ Yes ■ No

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 TO SERVE
- ☐ 1. Single Family Dwelling Unit, No. of Bedrooms: ____
- ☐ 2. Multiple Family Dwelling , No. of Units: _____
- ■ 3. Other: (SPECIFY) PRIMITIVE HOUSE, HAND CARRIED WATER, 3 FIXTURES

Current Use: ■ Seasonal ☐ Year Round ☐ Undeveloped

DISPOSAL SYSTEM COMPONENT(S)
- ☐ 1. Complete Non-engineered System
- ■ 2. Primitive System (graywater & alt. toilet)
- ■ 3. Alternative Toilet, specify: COMPOSTING
- ☐ 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

TYPE OF WATER SUPPLY

W/HAND PUMP ON WELL HEAD

■ 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 _____ gallons

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 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

25 gallons per day

BASED ON
- ■ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C (other facilities)

SHOW CALCULATIONS for other facilities

HAND CARRIED WATER, 3 FIXTURES MAX. W/COMPOSTING TOILET.

- ☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION: 3 / C

at Observation Hole # 1

Depth 15" OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING
- ☐ 1. Medium – 2.6 sq. ft./gpd
- ■ 2. Medium-Large – 3.3 sq. ft./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. ____ d ____ m ____ s N

Lon. ____ d ____ m ____ s W

If g.p.s., state margin of error _____

SITE EVALUATOR STATEMENT

I certify that on 7-5-17 (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#	Date
	319	7-8-17

Site Evaluator Name Printed	Telephone Number	E-mail Address
WILLIAM A. LaBELLE, JR.	(207) 537 - 5900	labelleseptic@rivah.net

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

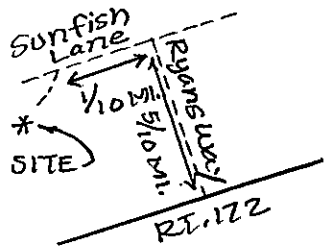
Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
SURRY	LOT 14 SUNFISH LANE	EVELYN CASANOVA

SITE PLAN — Scale 1" = 30 Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN
(Attach map from Maine Atlas for First Time System Variance)



NOTE:
AREA AT THIS PROPOSED SYSTEM IS SUITABLE FOR A 2 TO 3 BEDROOM FULL CONVENTIONAL SYSTEM.

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ■ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY	FRIABLE	DARK YELLOWISH BROWN (10YR4/6)	N.E.
GRAVELLY		YELLOWISH	COMMON
LOAM	FIRM	BROWN (10YR5/4)	DISTINCT

DEPTH BELOW MINERAL SOIL SURFACE (inches): 10, 20, 30, 40, 50

Soil Profile	Classification Condition	Slope	Limiting Factor	Depth	Ground Water	Restrictive Layer	Bedrock	Pit Depth
3	C	0 %	16 "		■	☐	☐	☐

Observation Hole #2 ■ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY	FRIABLE	DARK YELLOWISH BROWN (10YR4/6)	N.E.
STONY		YELLOWISH	FEW
LOAM	FIRM	BROWN (10YR5/4)	FAINT

DEPTH BELOW MINERAL SOIL SURFACE (inches): 10, 20, 30, 40, 50

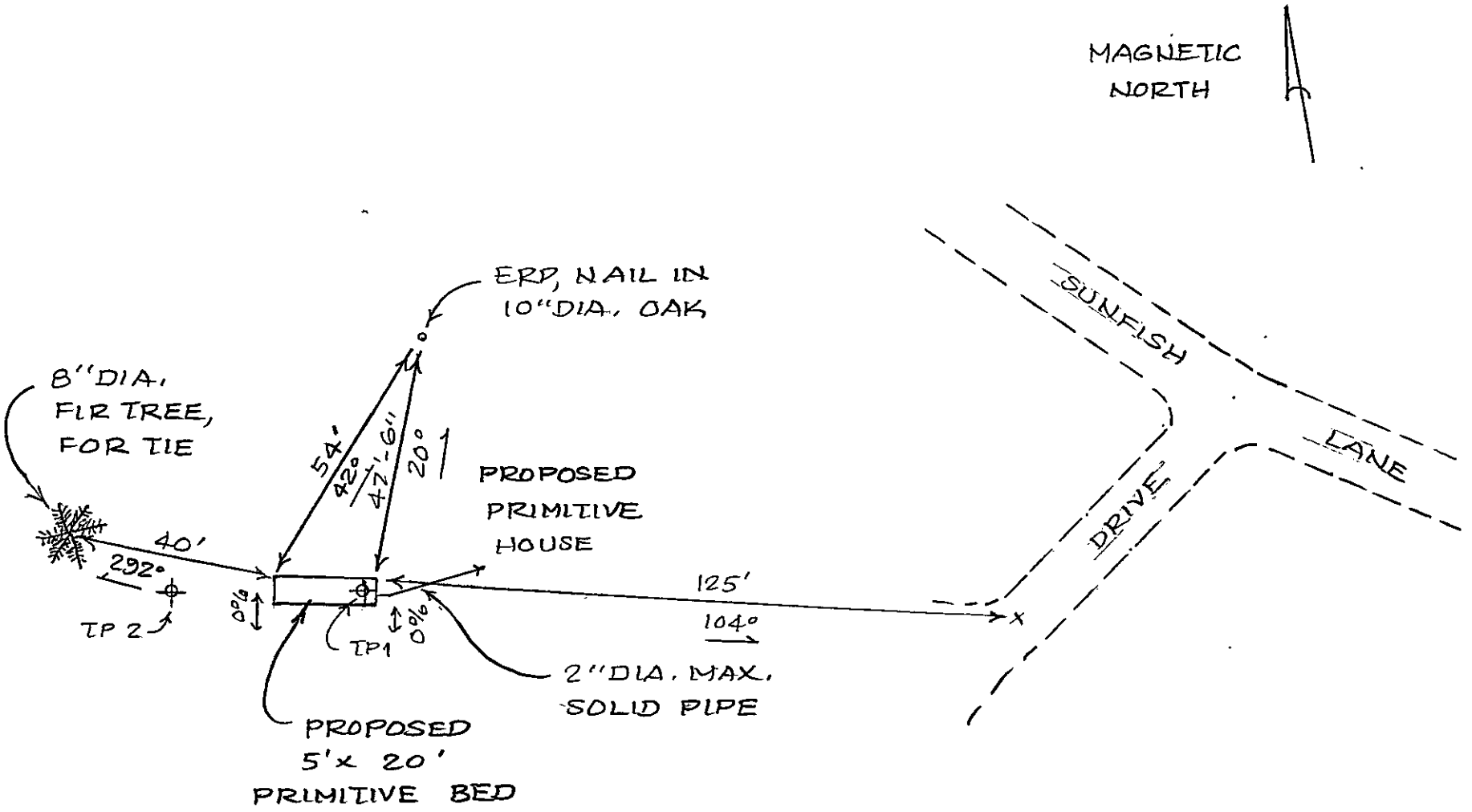
Soil Profile	Classification Condition	Slope	Limiting Factor	Depth	Ground Water	Restrictive Layer	Bedrock	Pit Depth
3	C	0 %	16 "		■	☐	☐	☐

Site Evaluator's Signature | 319 S. E. # | 7-8-17 Date

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
SURRY	SUNFISH LANE LOT 14	EVELYN CASANOVA

SITE PLAN:

SCALE: 1" = 30 FT.



CWG — Site Evaluator's Signature

319 — S.E. #

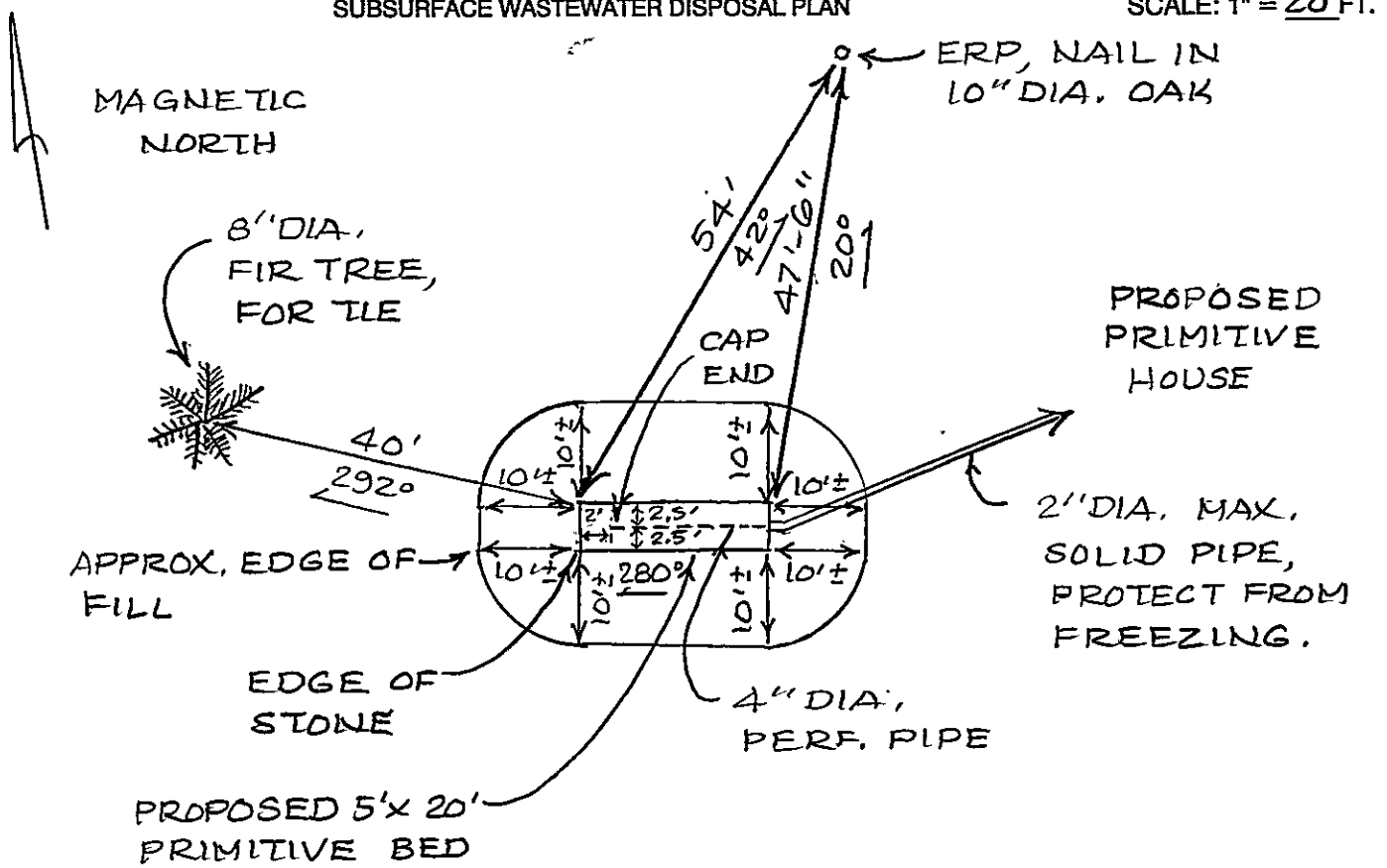
7-8-17 — Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
SURRY	LOT 14 SUNFISH LANE	EVELYN CASANOVA

SUBSURFACE WASTEWATER DISPOSAL PLAN — SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS	SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	21"	Finished Grade Elevation MIN.	-36"		Location & Description NAIL 54" ABOVE GROUND IN 10" DIA. OAK.
Depth of Backfill (Downslope)	21"	Top of Distribution Pipe or Proprietary Device	-49"	N/A	
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	-60"		Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

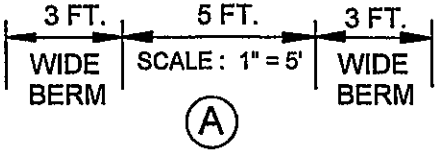
NOTES:

1. Grade surrounding area to divert surface water away from system.
2. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPWO588).

Site Evaluator's Signature	S.E. #	Date
WC3	319	7-8-17

DISPOSAL BED CROSS SECTION

NOTE:
GRADE UPSLOPE TO DIVERT SURFACE WATER AWAY FROM SYSTEM, ALSO DOWNSLOPE.



(A)

FILL MATERIAL SHALL BE 8"-12" THICK OVER STONE AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC.11-G.

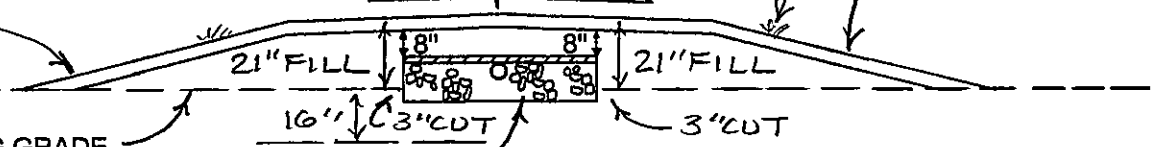
CROWN FINISH GRADE FROM CENTER AT 3 % SLOPE

2'' COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F RECOMMENDED OVER STONE.

4'' PERF. PIPE, TYPICAL

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).



EXISTING GRADE

LIMITING FACTOR

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

12" CLEAN STONE, (1 1/2" DIA.), UNIFORM SIZE

BOTTOM OF STONE MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 2" PER 100'.

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 6 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP):	0"
FINISHED GRADE:	-36" MIN.
TOP OF DISTRIBUTION PIPE:	-49"
BOTTOM OF STONE:	-60''

NOTE:
SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

OWNER: EVELYN CASANOVA

LOCATION: SURRY

WILLIAM A. LaBELLE, JR. | 319 S.E.# | 7-8-17 DATE

Doc 17