

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation TRENTON
Street or Road ROUTE 230
Subdivision, Lot # _____

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City _____ Permit # _____
Date Permit Issued ____/____/____ Fee \$ _____ Double Fee Charged ()

OWNER/APPLICANT INFORMATION

Name (last, first, MI) BELL, BOB ☒ Owner ☐ Applicant

Mailing Address of 15 PLUMMER ROAD
☒ Owner ☐ Applicant BUXTON, ME. 04093

Daytime Tel. # (603) 724-2269

Local Plumbing Inspector Signature _____ L.P.I. # _____
☐ 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 # _____

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: 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
☐ b. Major Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

SIZE OF PROPERTY

TO BE 31 ☐ sq. ft. ☒ 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: 3
☐ 2. Multiple Family Dwelling, No. of Units: _____
☐ 3. Other: (SPECIFY) _____
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: _____
☐ 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

- TO BE ☒ 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 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 900 ☒ 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 facilities

SOIL DATA & DESIGN CLASS

PROFILE 31 CONDITION 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

3. Section 4G (meter readings)

ATTACH WATER METER DATA
LATITUDE AND LONGITUDE
at Center of Disposal Area
Lat. 44° 25' 23.6" N
Lon. 70° 25' 29.4" W
If g.p.s., state margin of error: 3.0'

SITE EVALUATOR STATEMENT

I certify that on 4-13-16 (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

WILLIAM A. LaBELLE, JR.

Site Evaluator Name Printed

319

SE#

(207) 537-5900

Telephone Number

9-17-16

Date

labeledseptic@rivah.net

E-mail Address

Page 1 of 3

HHE-200 Rev. 08/2015

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

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Street, Road, Subdivision
ROUTE 230

Owner or Applicant Name
BOB BELL

SITE PLAN

Scale 1" = 40 Ft.

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

RT. 230

A hand-drawn map showing a road labeled "Goose Cove Road" running diagonally. A horizontal line segment above the road is labeled "2 MI.". An arrow points from this segment to a wavy line representing a shoreline. An arrow labeled "SITE" points to a specific location on this shoreline.

(SEE ATTACHED SITE PLAN)

Observation Hole #1 ☒ Test Pit ☐ Boring
1 " Depth of organic horizon above mineral soil

Observation Hole #2 ☒ Test Pit ☐ Boring
1 " Depth of organic horizon above mineral soil

	Texture	Consistency	Color	Mottling
0	SANDY	FRIABLE	VERY DARK BROWN	N.E.
10	GRAVELLY			
20	LOAM	COMPACTED	BROWN	LIKELY
25			(7.5YR 2.5/3)	
30				
40				
50				

Soil Profile	Classification Condition	Slope	Limiting Factor	☒ Ground Water
3	C	3 1/2 %	15"	☒ Restrictive Layer
		Depth		☐ Bedrock
				☐ Pit Depth

Soil profile diagram showing depth (0-50 inches) and soil characteristics (Texture, Consistency, Color, Mottling).

Depth (inches)	Texture	Consistency	Color	Mottling
0-10	SANDY		DARK	
10-20	GRAVELLY	FRIABLE	YELLOWISH	
20-30	LOAM	FIRM	BROWN	N.E.
30-40				
40-50				

Additional notes: (10YR 3/4) is written near the 20-30 inch depth mark.

Site Evaluator's Signature

319
S.E.#

9-17-16
Date

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TRENTON

Street, Road, Subdivision
ROUTE 230

Owner or Applicant Name
BOB BELL

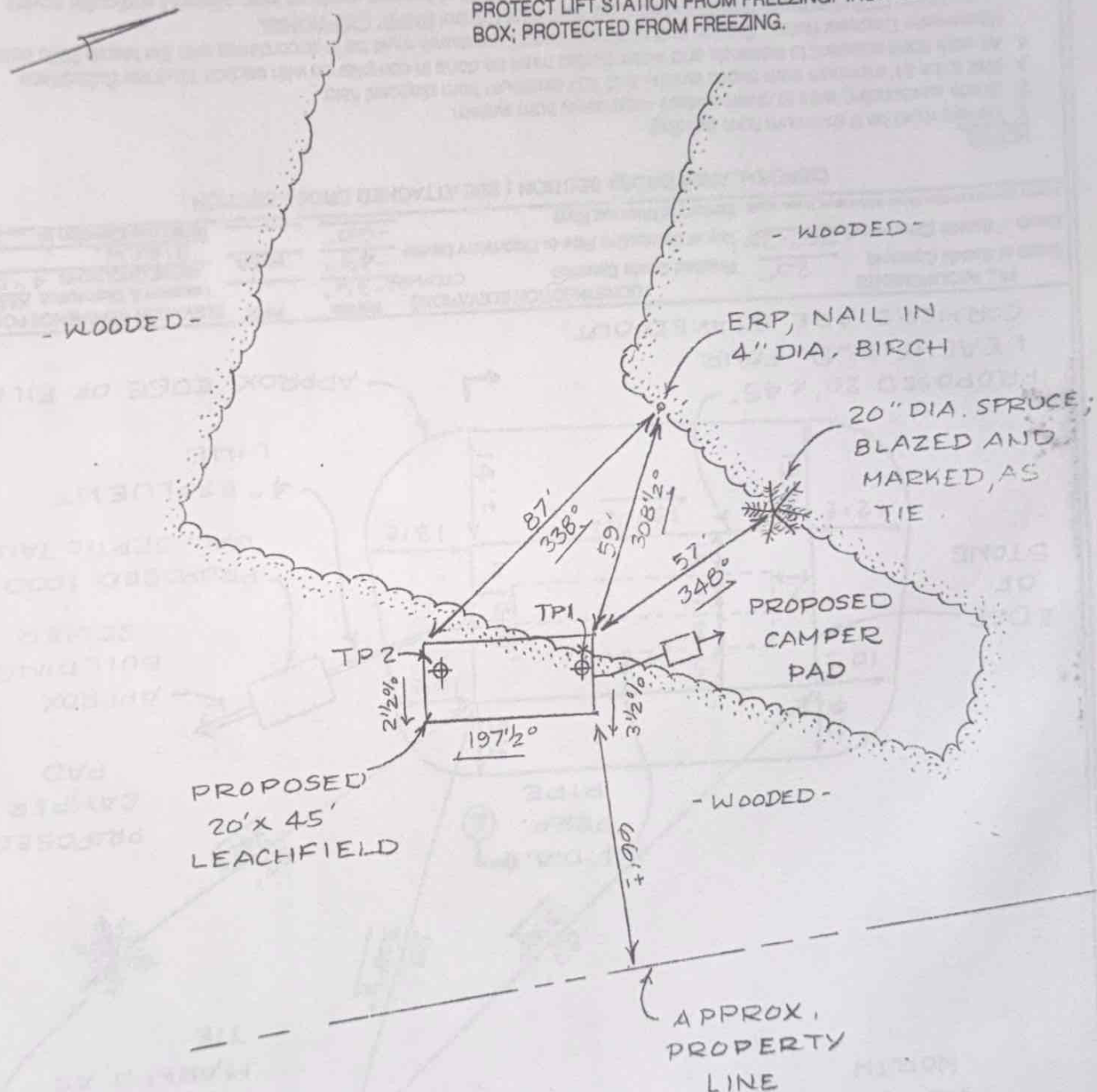
SITE PLAN:

SCALE: 1" = 40 FT.

MAGNETIC
NORTH

NOTE:

IF PUMPED, INSTALL LIFT STATION WITH RISERS TO FINISH GRADE.
2" PUMP LINE PROTECTED FROM FREEZING AND CRUSHING AND
PROTECT LIFT STATION FROM FREEZING. INSTALL DISTRIBUTION
BOX; PROTECTED FROM FREEZING.



W. C. Y.
Site Evaluator's Signature

319
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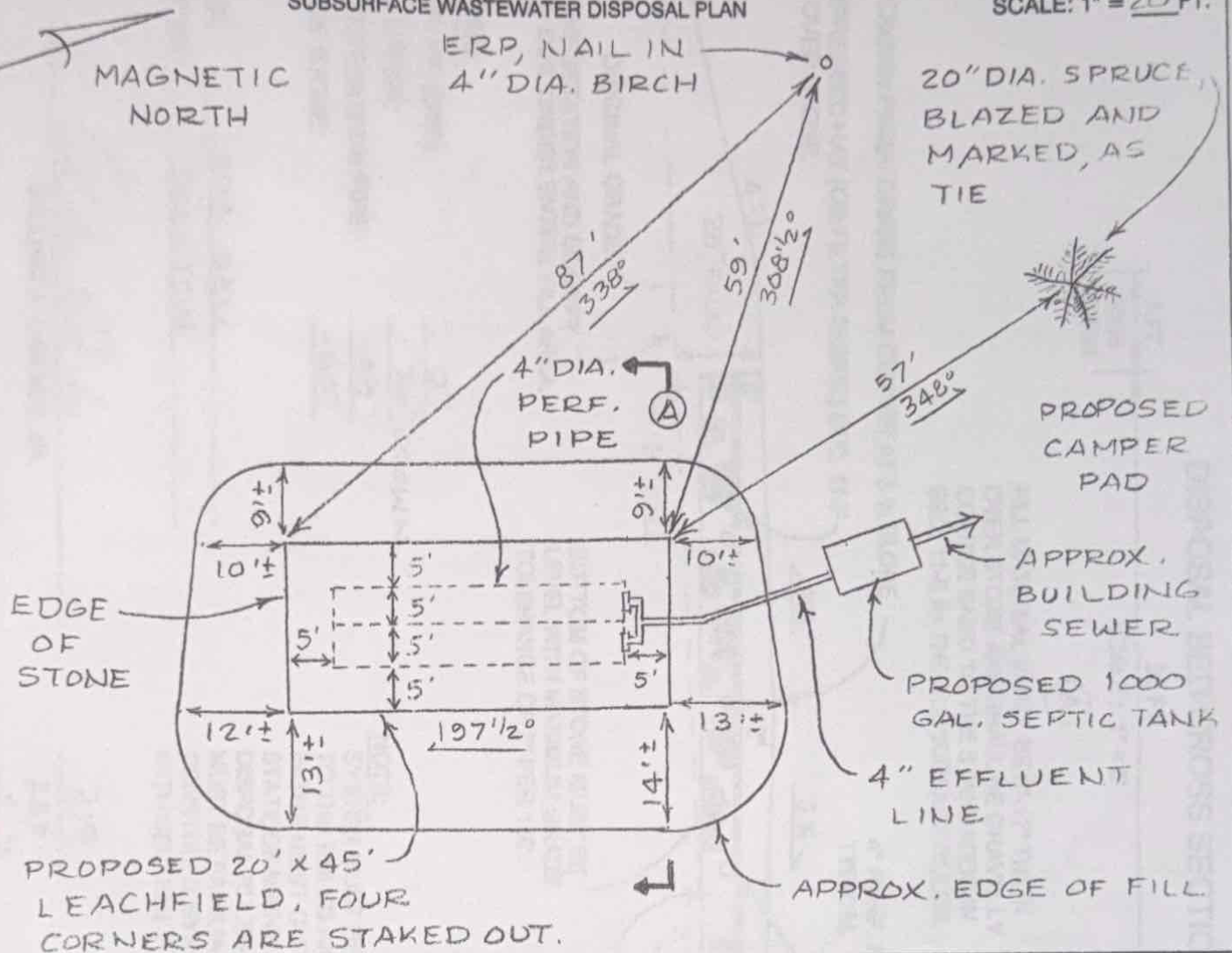
Town, City, Plantation
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Owner or Applicant Name
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SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	20"	Finished Grade Elevation	CROWN	-36"		Location & Description	NAIL 50"
Depth of Backfill (Downslope)	26"-28"	Top of Distribution Pipe or Proprietary Device		-49"	N/A	ABOVE GROUND IN	4" DIA.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field		-60"		BIRCH,	
						Reference Elevation is:	0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. 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" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation, frost wall or columns must be 20' minimum from edge of disposal field and slab on grade must be 15' minimum from edge of disposal field.

W. C. H.
Site Evaluator's Signature

319
S.E. #

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Page 3 of 3
HHE-200 Rev. 08/2015

DISPOSAL BED CROSS SECTION

3 FT.
WIDE
BERM

20 FT.
SCALE: 1" = 5'

3 FT.
WIDE
BERM

NOTE: GRADE UP TO
AND DOWNSLOPE TO
DIVERST SURFACE
WATER AWAY FROM
SYSTEM.

(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.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE
2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F
PLACED OVER STONE.

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

ELEVATIONS:

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

OWNER: BOB BELL
LOCATION: TRENTON

WILLIAM A. LABELLE, JR.

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

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

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

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN, COARSE, SHARP SAND INTO
TOP 4 INCHES OF ORIGINAL SOIL TO
CREATE A TRANSITION ZONE, SEC. 11-B.

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 CONTRACTOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

S.E.#

319

DATE

9-17-16