

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		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	LAMOINE Permit # 1800
Street or Road	COOLIDGE CROSSING ROAD	Date Permit Issued	6/24/16 Fee \$ 250 Double Fee Charged ()
Subdivision, Lot #		<i>[Signature]</i>	L.P.I. # 1070
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	GARRISON, DAN	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State
Mailing Address of	PO Box 1024 AMSTON, CT 06231	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.	
Daytime Tel. #	(860) 622-8847		
		Municipal Tax Map # 1	Lot # 53-A
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
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.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
<i>[Signature]</i> 6/20/16 Signature of Owner or Applicant Date		_____ Local Plumbing Inspector Signature	
		(1st Date Approved)	
		(2nd Date Approved)	

PERMIT INFORMATION		
TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. < 25% Expansion <input type="checkbox"/> b. ≥ 25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENT(S) <input type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
SIZE OF PROPERTY _____ sq. ft. _____ acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 2 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY TO BE <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input checked="" type="checkbox"/> 3. Other: LIFT STATION CAPACITY 1000 gallons	DISPOSAL FIELD TYPE & SIZE <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 600 sq. ft. lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW 180 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE 51C CONDITION _____ at Observation Hole # 1 Depth 30" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium -- 2.6 sq. ft./gpd <input checked="" type="checkbox"/> 2. Medium-Large -- 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large -- 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large -- 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input checked="" type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input checked="" type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at Center of Disposal Area Lat. 44° 28' 11" N Lon. 68° 19' 55" W If g.p.s., state margin of error, 30'

SITE EVALUATOR STATEMENT

I certify that on 4-21-14 (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).

<i>[Signature]</i>	319	4-28-14	UPDATED
Site Evaluator Signature	SE#	Date	6-2-16 WIAL
WILLIAM A. LABELLE, JR.	(207) 537-5900	labelleseptic@rivah.net	
Site Evaluator Name Printed	Telephone Number	E-mail Address	

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Town, City, Plantation

LAMDINE

Street, Road, Subdivision

COOLIDGE CROSSING ROAD

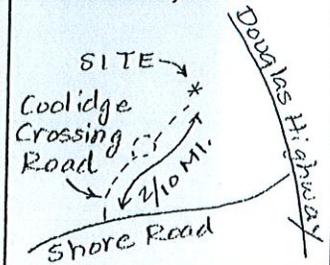
Owner or Applicant Name

DAN GARRISON

SITE PLAN

Scale 1" = 50 Ft.

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



(SEE ATTACHED SITE PLAN)

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

Observation Hole #1 Test Pit Boring

4 " Depth of organic horizon above mineral soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0-10	LOAMY FINE SAND		DARK YEL. BROWN (10YR 3/4) YEL. BROWN (10YR 5/4)	
10-20	VERY FINE SAND	FRIABLE	LIGHT YELLOWISH	
20-30	"DEAD SAND"	FIRM	BROWN (2.5Y 6/4)	N.E.
30-40				
40-50				

Soil Profile: <u>5</u>	Classification Condition: <u>C</u>	Slope: <u>0</u> %	Limiting Factor Depth: <u>30</u> "	<input checked="" type="checkbox"/> Ground Water
				<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock
				<input type="checkbox"/> Pit Depth

Observation Hole #2 Test Pit Boring

4 " Depth of organic horizon above mineral soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0-10	LOAMY FINE SAND		DK YEL. BROWN (10YR 3/4) DK. YEL. BROWN (10YR 4/6)	
10-20	VERY FINE SAND	FRIABLE	LIGHT YELLOWISH	
20-30	"DEAD SAND"	FIRM	BROWN (2.5Y 6/4)	N.E.
30-40				
40-50				

Soil Profile: <u>5</u>	Classification Condition: <u>C</u>	Slope: <u>1</u> %	Limiting Factor Depth: <u>32</u> "	<input checked="" type="checkbox"/> Ground Water
				<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock
				<input type="checkbox"/> Pit Depth

W. G. Kelly
 Site Evaluator's Signature

319

S. E. #

4-28-14 6-2-16

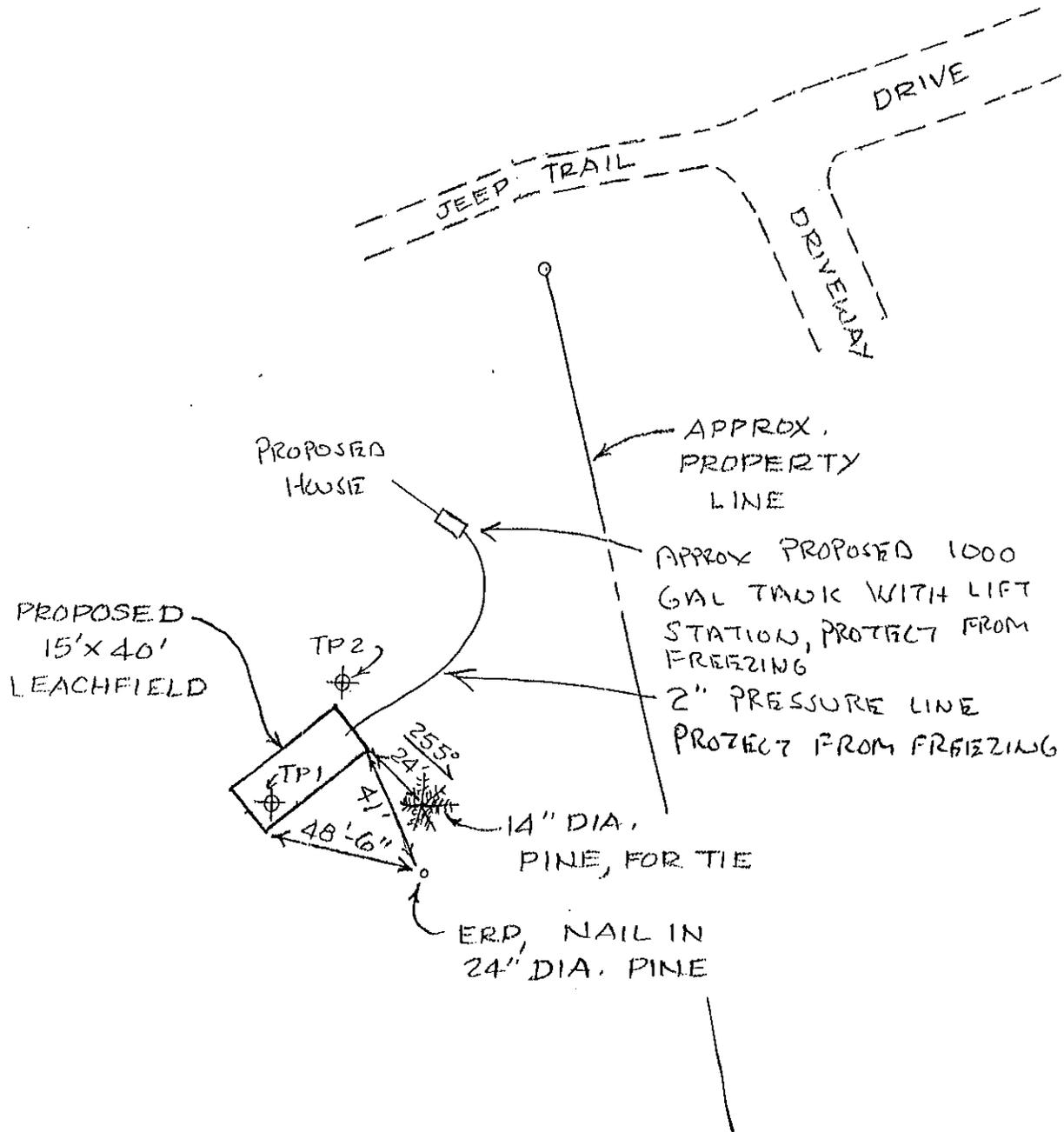
Date

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HHE-200 Rev. 08/2011

SITE PLAN:

SCALE: 1" = 50 FT.



W. A. 2. 7
 Site Evaluator's Signature

319
 S.E. #

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Town, City, Plantation
LAMOINE

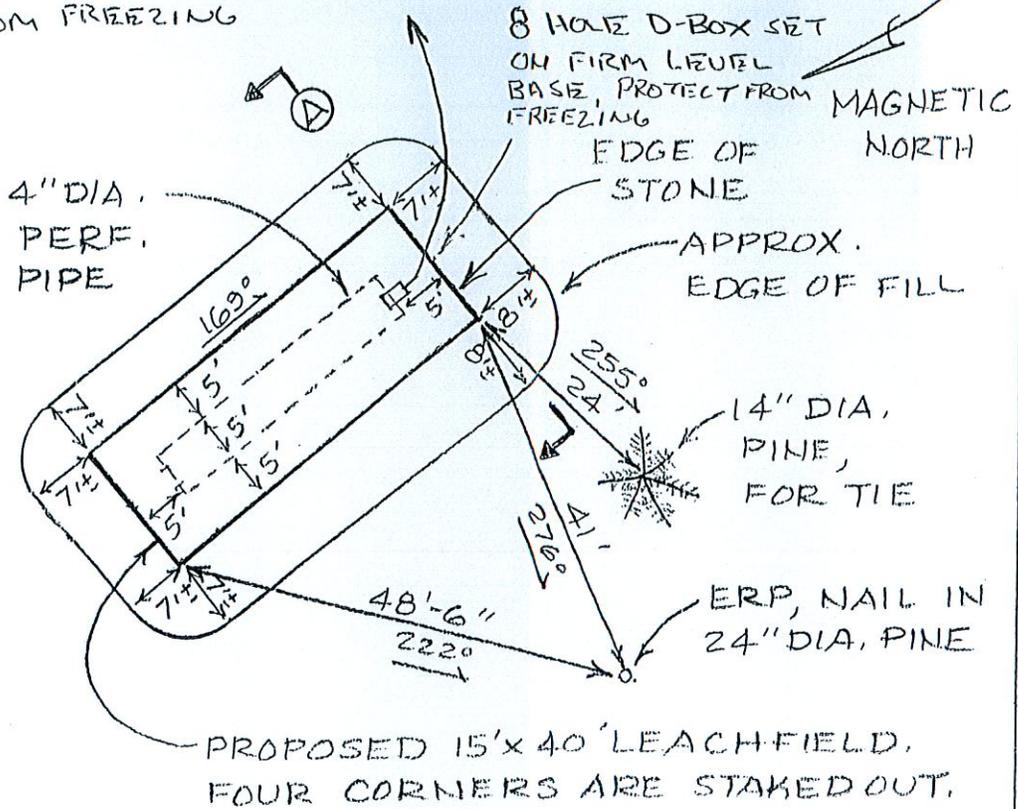
Street, Road, Subdivision
COOLIDGE CROSSING ROAD

Owner or Applicant Name
DAN GARRISON

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

2" PRESSUR LINEZ, PROTECT FROM FREEZING



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	<u>11 1/4"</u>	Finished Grade Elevation	(CROWN) <u>34"</u>	<u>34"</u>		Location & Description <u>NAIL 36'</u>
Depth of Backfill (Downslope)	<u>1 1/4" - 13 1/4"</u>	Top of Distribution Pipe or Proprietary Device	<u>49"</u>	<u>N/A</u>		<u>ABOVE GROUND IN A 24"</u>
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	<u>60"</u>			<u>DIA. PINE,</u>
						Reference Elevation is: <u>0"</u>

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

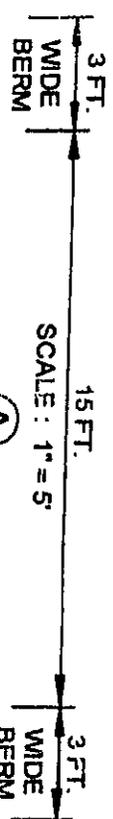
1. TANK(S) MUST BE 8' MINIMUM FROM BUILDING.
2. GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM.
3. WELL TO BE 51' MINIMUM FROM SEPTIC TANK(S) AND 100' MINIMUM FROM DISPOSAL FIELD.
4. ALL WORK DONE ADJACENT TO WETLANDS AND WATER BODIES MUST BE DONE IN COMPLIANCE WITH SECTION 11-M OF THE 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" (DEPLW0588).
5. INSTALL SEPTIC TANK RISERS 18" IN DIAMETER "MINIMUM" TO WITHIN 6" OF FINISH 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. ...
Site Evaluator's Signature

319
S.E. #

4-28-14 6-2-16
Date

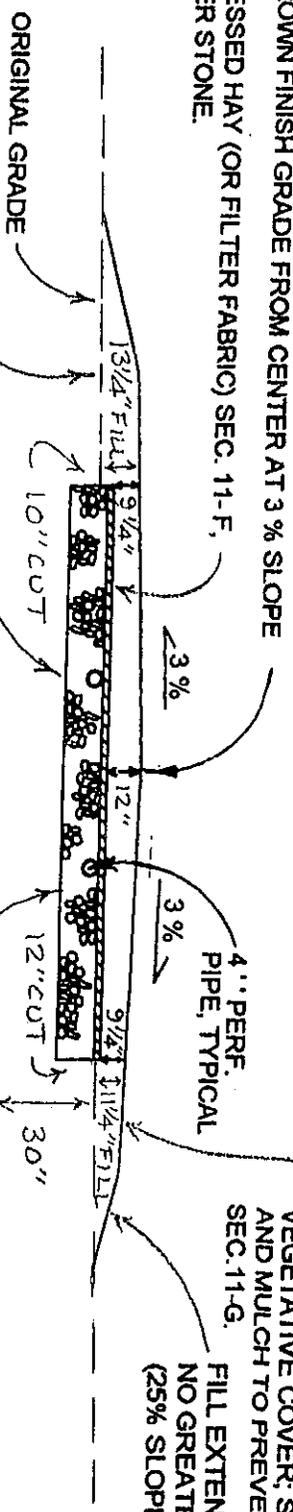
DISPOSAL BED CROSS SECTION



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

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.



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).

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

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.

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

ELEVATIONS:
 ELEV. REF. PT. (ERP): 0"
 FINISHED GRADE: -34" (CROWN)
 TOP OF DISTRIBUTION PIPE: -49"
 BOTTOM OF STONE: -60"

OWNER: DAN GARRISON
 LOCATION: LAMONIE

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.

W. A. Labelle, Jr.
 WILLIAM A. LABELLE, JR.

S.E.# 319 DATE 4-28-14 6-2-16