

Del Fee \$15,00

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	LAMOINE Permit # 1958
Street or Road	RACCOON COVE ROAD	Date Permit Issued	8/26/17 Fee \$ 250 Double Fee Charged ()
Subdivision, Lot #		<i>[Signature]</i>	L.P.I. # 1040
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature	
Name (last, first, MI)	ALLEN, MARK <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	Fee: \$ _____ state min. fee \$ _____	Locally adopted fee
Mailing Address	MIKE WIGHT BROUGHMAN BUILDERS 6 ACADIA WAY ELLSWORTH, ME. 04605	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Daytime Tel. #	(207) 460-3133	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.	
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> Signature of Owner or Applicant		<i>[Signature]</i> Local Plumbing Inspector Signature	
8/22/17 Date		(1st Date Approved)	
		(2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
<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. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<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	<input checked="" 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. 3.5 acres <input checked="" type="checkbox"/>	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY <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 checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device 10 END FEED CONCRETE CHAMBERS <input type="checkbox"/> a. Cluster Array <input checked="" type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 900 sq. ft. <input type="checkbox"/> 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 270 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 CONDITION 3 IC at Observation Hole # 1 Depth 15" 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 checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44° d 28' m 28.0" S N Lon. 68° d 16' m 47.9" W W if g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT

I certify that on 7-21-17 (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).

[Signature] 319 7-26-17
Site Evaluator Signature SE# Date
WILLIAM A. LaBELLE, JR. (207) 537-5900 labelseptic@rivah.net
Site Evaluator Name Printed Telephone Number E-mail Address

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation
LAMOINE

Street, Road, Subdivision
RACCOON COVE ROAD

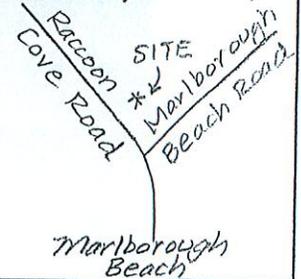
Owner or Applicant Name
MARK ALLEN

SITE PLAN

Scale 1" = 40 Ft.

(SEE ATTACHED SITE PLAN)

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



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

Observation Hole #1 Test Pit Boring

1 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		DARK YEL. BROWN (10YR 3/4)	N.I.E.
STONY	FRIABLE	DARK YELLOWISH	FEW FAINT
LOAM	FIRM	BROWN (10YR 4/6)	

Observation Hole #2 Test Pit Boring

3 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		DARK YELLOWISH BROWN (10YR 4/4)	N.I.E.
STONY	FRIABLE	DARK YELLOWISH	FEW FAINT
LOAM	FIRM	BROWN (10YR 3/6)	

Soil Profile 3 Classification C Slope 13% Limiting Factor 15" Depth

Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

Soil Profile 3 Classification C Slope 13% Limiting Factor 18" Depth

Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

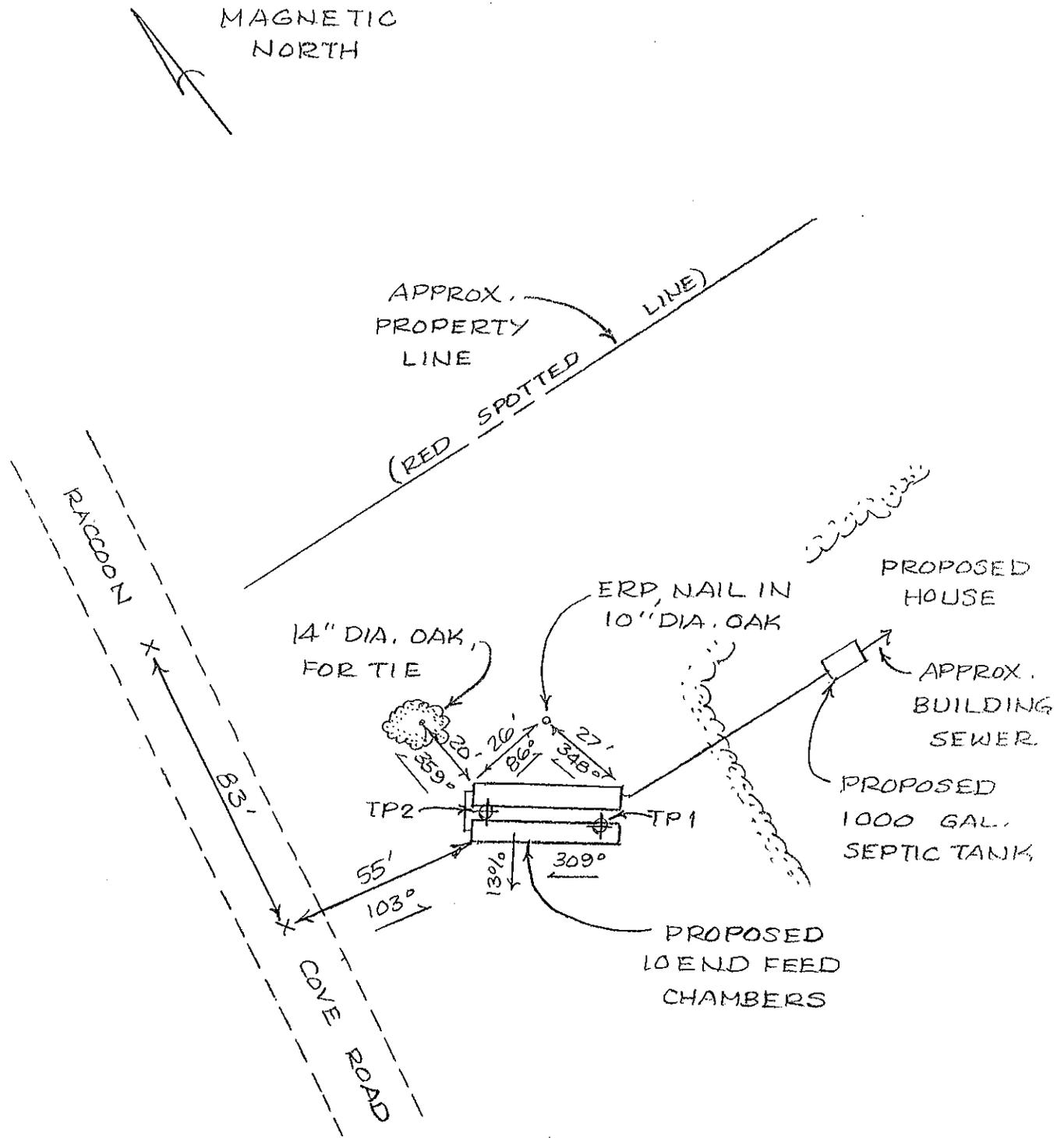
W.C. 3
 Site Evaluator's Signature

319
 S. E. #

7-26-17
 Date

Town, City, Plantation LAMOINE	Street, Road, Subdivision RACCOON COVE ROAD	Owner or Applicant Name MARK ALLEN
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SITE PLAN:
SCALE: 1" = 40 FT.



W.C.Y.

Site Evaluator's Signature

319

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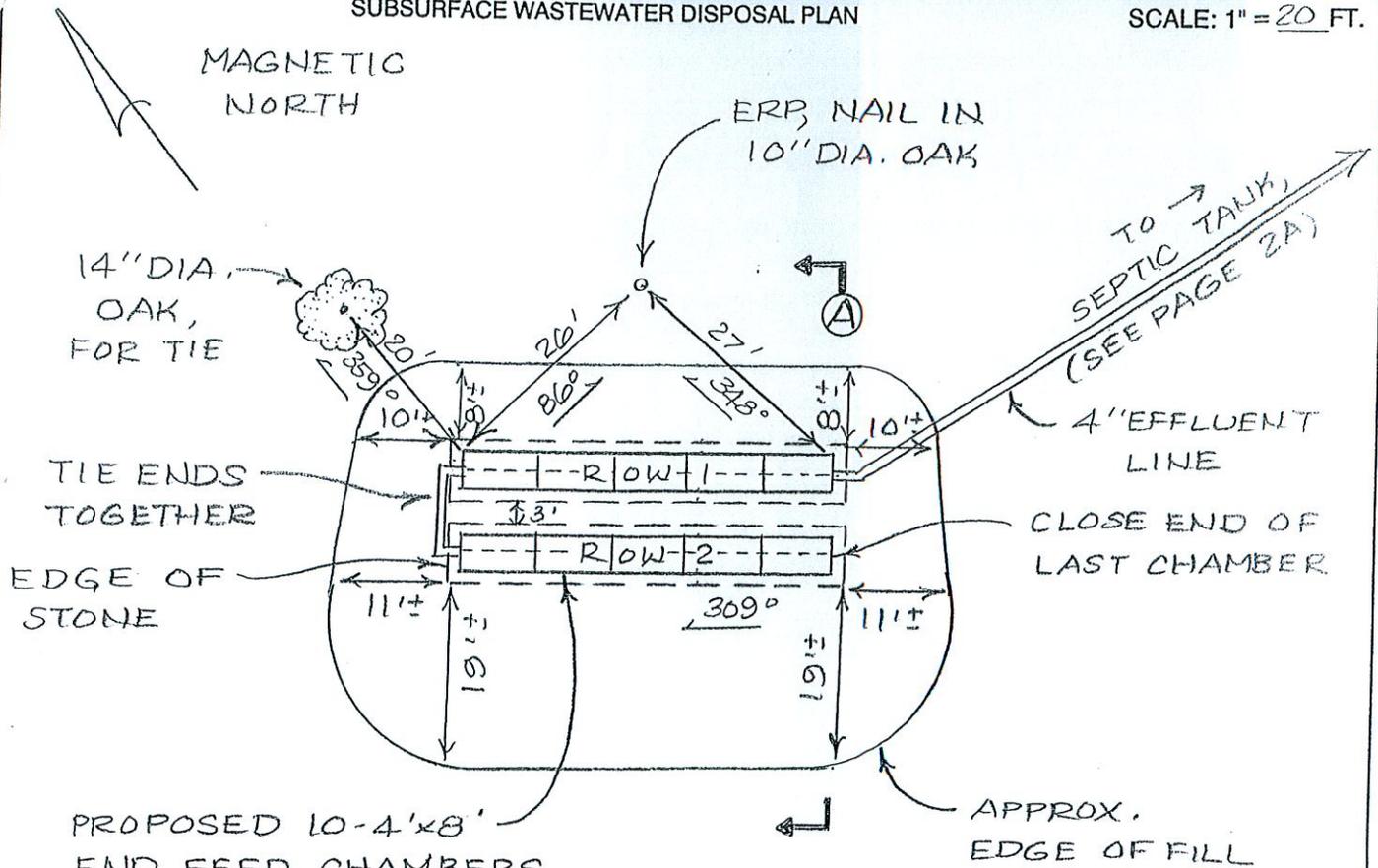
Town, City, Plantation
LAMOINE

Street, Road, Subdivision
RACCOON COVE ROAD

Owner or Applicant Name
MARK ALLEN

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	(See	attached	N/A	Location & Description	
Depth of Backfill (Downslope)	23"	Top of Distribution Pipe or Proprietary Device	X-sec.)			ABOVE GROUND IN	10" DIA. OAK,
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field				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 stone around chambers and slab on grade must be 15' minimum from stone around chambers.

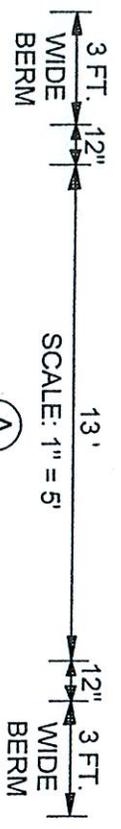
W. Q. Z.
 Site Evaluator's Signature

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DISPOSAL AREA CROSS SECTION

SLOPE 13 %



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

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

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

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).

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

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

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

12" CLEAN STONE, (3/4" - 2 1/2" DIA.), UNIFORM SIZE.

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: (CROWN -35")
TOP OF CHAMBERS: -47"
BOTTOM OF CHAMBERS: -60"

OWNER: MARK ALLEN
LOCATION: LAMONIE

ROW	ELEVATION
ROW 1	-35"
ROW 2	-53" (MIN.)
	-61"
	-74"

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.

17 WILLIAM A. LABELLE, JR.

S.E.# 319

DATE 7-26-17