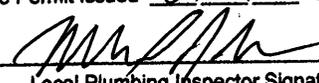
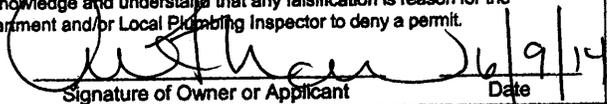


SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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 # 1732 |
| Street or Road | DOUGLAS HIGHWAY | Date Permit Issued | 6/10/14 Fee \$ 250 Double Fee Charged () |
| Subdivision, Lot # | |  Local Plumbing Inspector Signature L.P.I. # 1040 | |
| OWNER/APPLICANT INFORMATION | | | |
| Name (last, first, MI) | WORKMAN, STEWART | <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Town <input type="checkbox"/> State <input type="checkbox"/> Applicant | |
| Mailing Address of | 358 DOUGLAS HIGHWAY | 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. | |
| | LAMOINE, ME. 04605 | | |
| Daytime Tel. # | (207) 667-7427 | Municipal Tax Map # | 9 Lot # 14 |
| 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. | |
|  Signature of Owner or Applicant Date 6/9/14 | |  Local Plumbing Inspector Signature | |

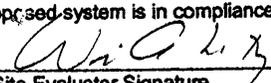
| PERMIT INFORMATION | | | |
|--|---|--|--|
| TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. < 25% Expansion <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 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. <input type="checkbox"/> 23 ± acres <input checked="" type="checkbox"/> SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 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) _____ Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped | 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: _____ | |

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 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 2/31 C at Observation Hole # 1 Depth 18" 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, SET HOUSE TO ALLOW GRAVITY FEED <input type="checkbox"/> 2. May be Required TO ALLOW GRAVITY FEED <input 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° d. 30' m. 51" N Lon. 68° d. 21' m. 43" W If g.p.s., state margin of error 30' ± |

SITE EVALUATOR STATEMENT

I certify that on 6-2-14 (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).

| | | |
|---|------------------------------|---|
|  Site Evaluator Signature WILLIAM A. LaBELLE, JR. | 319 SE# (207) 537-5900 | 6-7-14 Date labelleseptic@rivah.net |
| Site Evaluator Name Printed | Telephone Number | E-mail Address |

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

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

Town, City, Plantation
LAMOINE

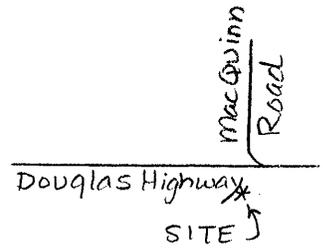
Street, Road, Subdivision
DOUGLAS HIGHWAY

Owner or Applicant Name
STEWART WORKMAN

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
2 " Depth of organic horizon above mineral soil

| | Texture | Consistency | Color | Mottling |
|----|--------------------------|-------------|---|----------|
| 10 | VERY FINE SANDY LOAM | FRIABLE | DARK YEL. BROWN (10YR 3/4) DK. YEL. BROWN (10YR 4/6) | |
| 20 | TO LOAMY VERY FINE SANDY | COMPACTED | LIGHT OLIVE BROWN (2.5Y 5/4) | N.E. |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

Soil Profile 2/3

Classification C

Slope 9%

Limiting Factor 18"
Depth

Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

Observation Hole #2 Test Pit Boring
3 " Depth of organic horizon above mineral soil

| | Texture | Consistency | Color | Mottling |
|----|-------------------------|-------------|------------------------------|----------|
| 10 | VERY FINE SANDY LOAM | FRIABLE | YELLOWISH BROWN (10YR 5/8) | |
| 20 | TO LOAMY VERY FINE SAND | FIRM | LIGHT OLIVE BROWN (2.5Y 5/6) | N.E. |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

Soil Profile 2/3

Classification C

Slope 9%

Limiting Factor 26"
Depth

Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

W. G. L. D.
Site Evaluator's Signature

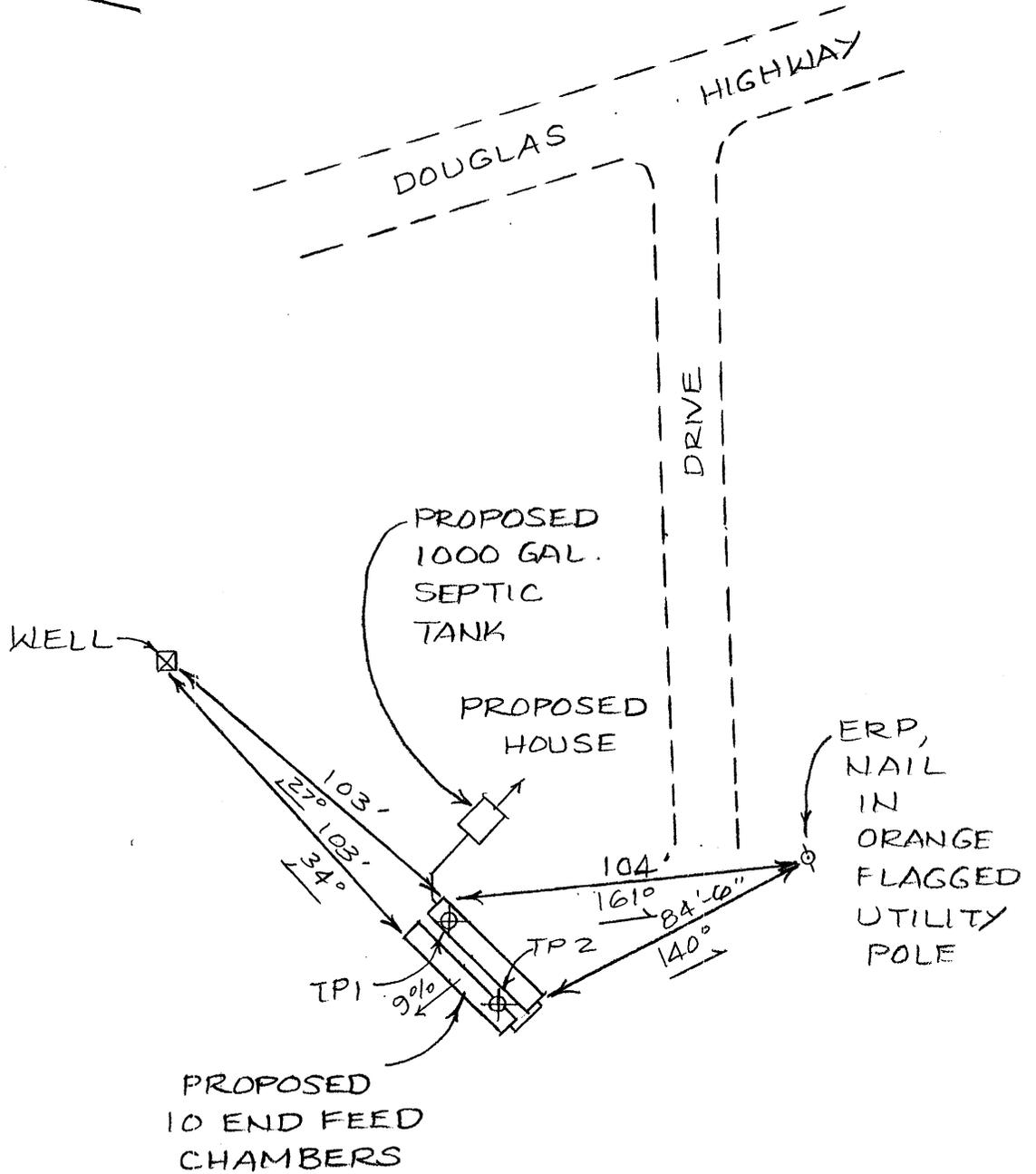
319
S. E. #

6-7-14
Date

SITE PLAN:

SCALE: 1" = 50 FT.

MAGNETIC
NORTH



W. C. D.
Site Evaluator's Signature

319
S.E. #

6-7-14
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation
LAMOINE

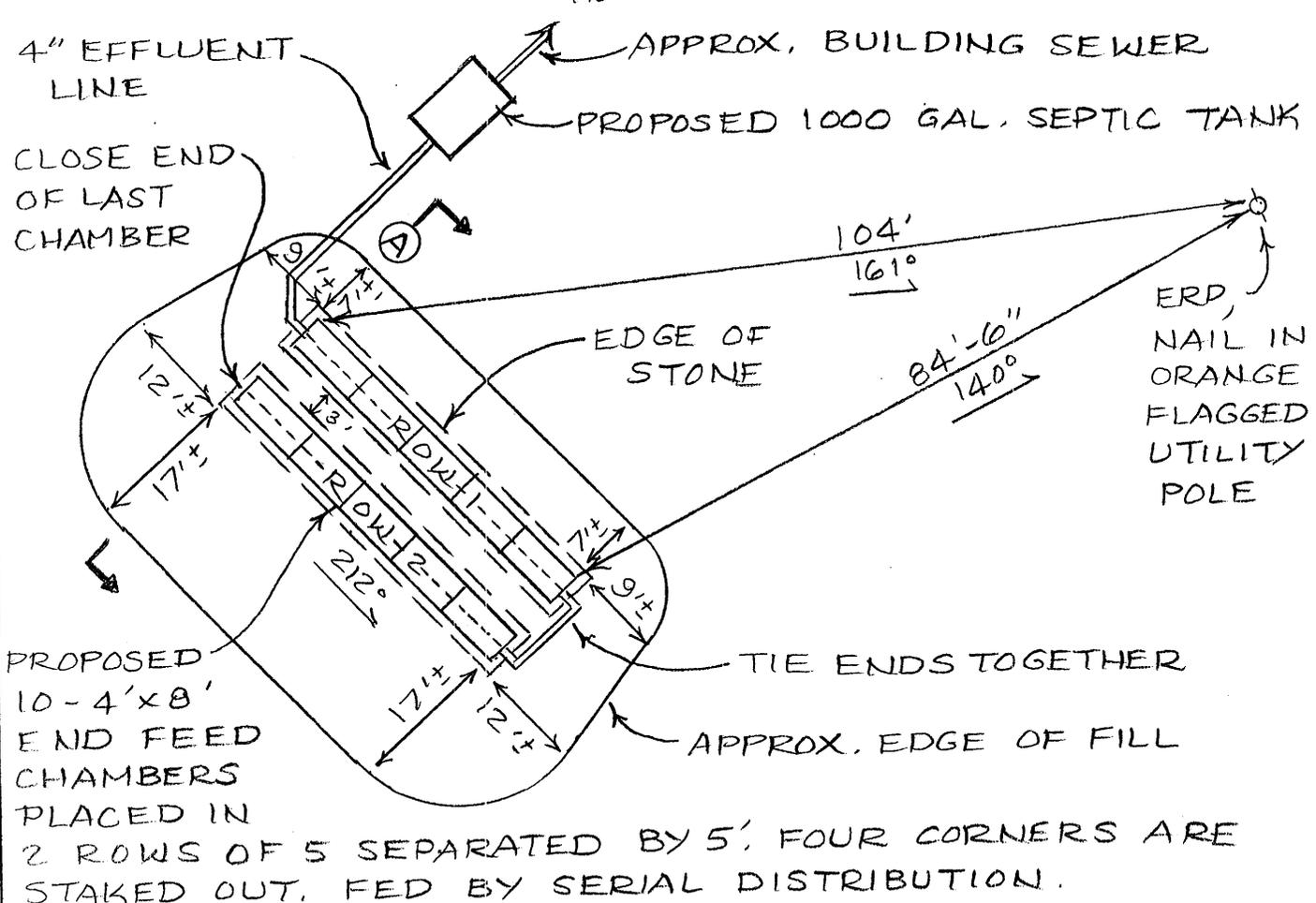
Street, Road, Subdivision
DOUGLAS HIGHWAY

Owner or Applicant Name
STEWART WORKMAN

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

PROPOSED HOUSE



| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | SYSTEM: | PRIVY: | ELEVATION REFERENCE POINT |
|---|-----|--|----------|---------|--------|---------------------------------|
| Depth of Backfill (Upslope) | 18" | Finished Grade Elevation | (See | | | Location & Description NAIL 33" |
| Depth of Backfill (Downslope) | 30" | Top of Distribution Pipe or Proprietary Device | attached | N/A | | ABOVE GROUND IN UTILITY |
| Depths @ cross-section shown below or on X-sec. detail. | | Bottom of Disposal Field | X-sec) | | | POLE. |
| | | | | | | Reference Elevation is: 0" |

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

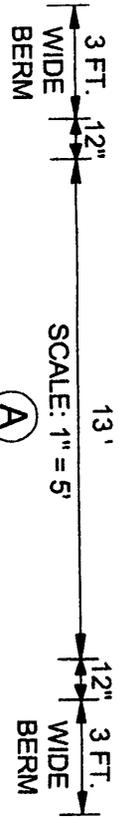
- NOTES:
1. Tank(s) must be 8' minimum from building.
 2. Grade surrounding area to divert surface water away from system.
 3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
 4. All work done adjacent to wetlands and water bodies must be done in compliance with section 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" (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. A. 2. B.
 Site Evaluator's Signature

319
 S.E. #

6-7-14
 Date

NOTE:
GRADE UPSLOPE TO DISPOSAL AREA CROSS SECTION
DIVERT SURFACE WATER AWAY FROM SYSTEM,
SLOPE 9%



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.

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.

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

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

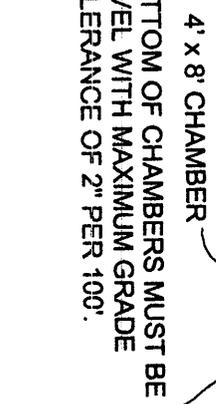
FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

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

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

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

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.



ELEVATIONS:
 ELEV. REF. PT. (ERP): 0"
 FINISHED GRADE: (CROWN -25")
 TOP OF CHAMBERS: -37"
 BOTTOM OF CHAMBERS: -50"

ROW 1: -37"
 ROW 2: -47"
 (CROWN MIN. -39")
 -60"

OWNER: STEWART WORKMAN
 LOCATION: LAMOINE

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.

WILLIAM A. LABELLE, JR.

S.E.# 319

DATE 6-7-14