

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		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	Lamoine Permit # 1911
Street or Road	DOUGLAS HIGHWAY	Date Permit Issued	8/1/18 Fee \$ 265 Double Fee Charged ()
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>Deborah East</i> L.P.I. # 394
OWNER/APPLICANT INFORMATION		Fee: \$ 200 state min. fee \$ Locally adopted fee	
Name (last, first, MI)	WORKMAN, STEWART	Copy:	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State
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.	
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	LAMOINE, ME. 04605	Municipal Tax Map #	7 Lot # 22
Daytime Tel. #	207-461-6081	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.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
<i>Stewart Workman</i> 7/31/18 Signature of Owner or Applicant Date		Local Plumbing Inspector Signature (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. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <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. 10+ acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 4 <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"/> c. with lift station <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 18 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 1620 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 360 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 71C at Observation Hole # 2 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 30' m 20.27' S N Lon. 68° d 30' m 55.62' W if g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT		
I certify that on 5-4-18 (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>William A. LaBelle, Jr.</i> Site Evaluator Signature	319 SE#	5-12-18 Date
WILLIAM A. LABELLE, JR.	(207) 537-5900	labellesept@rivah.net
Site Evaluator Name Printed	Telephone Number	E-mail Address

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Town, City, Plantation
LAMOINE

Street, Road, Subdivision
DOUGLAS HIGHWAY

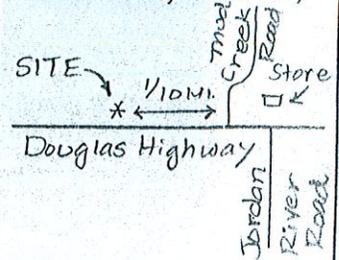
Owner or Applicant Name
STEWART WORKMAN

SITE PLAN

Scale 1" = 50 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
1/2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE SANDY LOAM		VERY DARK BROWN (10YR 2/2)	N.E.
SANDY GRAVELLY LOAM	FRIABLE	OLIVE BROWN (10YR 5/6)	FEW DISTINCT
		(2.5Y 4/4)	

Soil Profile 3 Classification C Slope 6% Limiting Factor 20" Ground Water Restrictive Layer Bedrock Pit Depth

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

Texture	Consistency	Color	Mottling
FINE SANDY LOAM		VERY DARK BROWN (10YR 2/2)	N.E.
STONY SANDY LOAM	FRIABLE	YELLOWISH BROWN	COMMON DISTINCT
		(2.5Y 5/4)	

Soil Profile 7 Classification C Slope 6% Limiting Factor 15" Ground Water Restrictive Layer Bedrock Pit Depth

W.C. Holt
Site Evaluator's Signature

319
S. E. #

5-12-18
Date

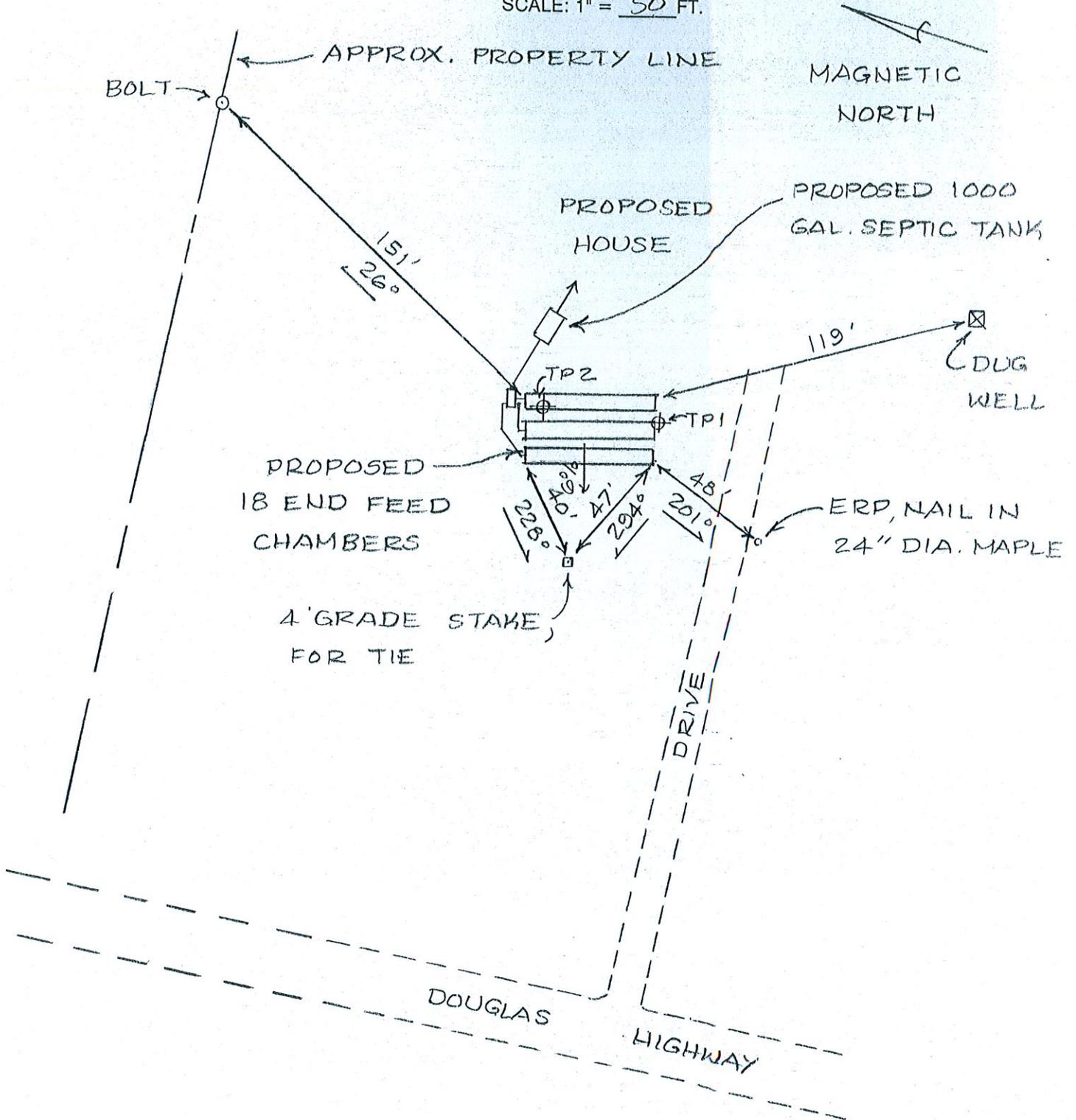
Town, City, Plantation
LAMDINE

Street, Road, Subdivision
DOUGLAS HIGHWAY

Owner or Applicant Name
STEWART WORKMAN

SITE PLAN:

SCALE: 1" = 50 FT.



W.C. Lett
Site Evaluator's Signature

319
S.E. #

5-11-12
Date

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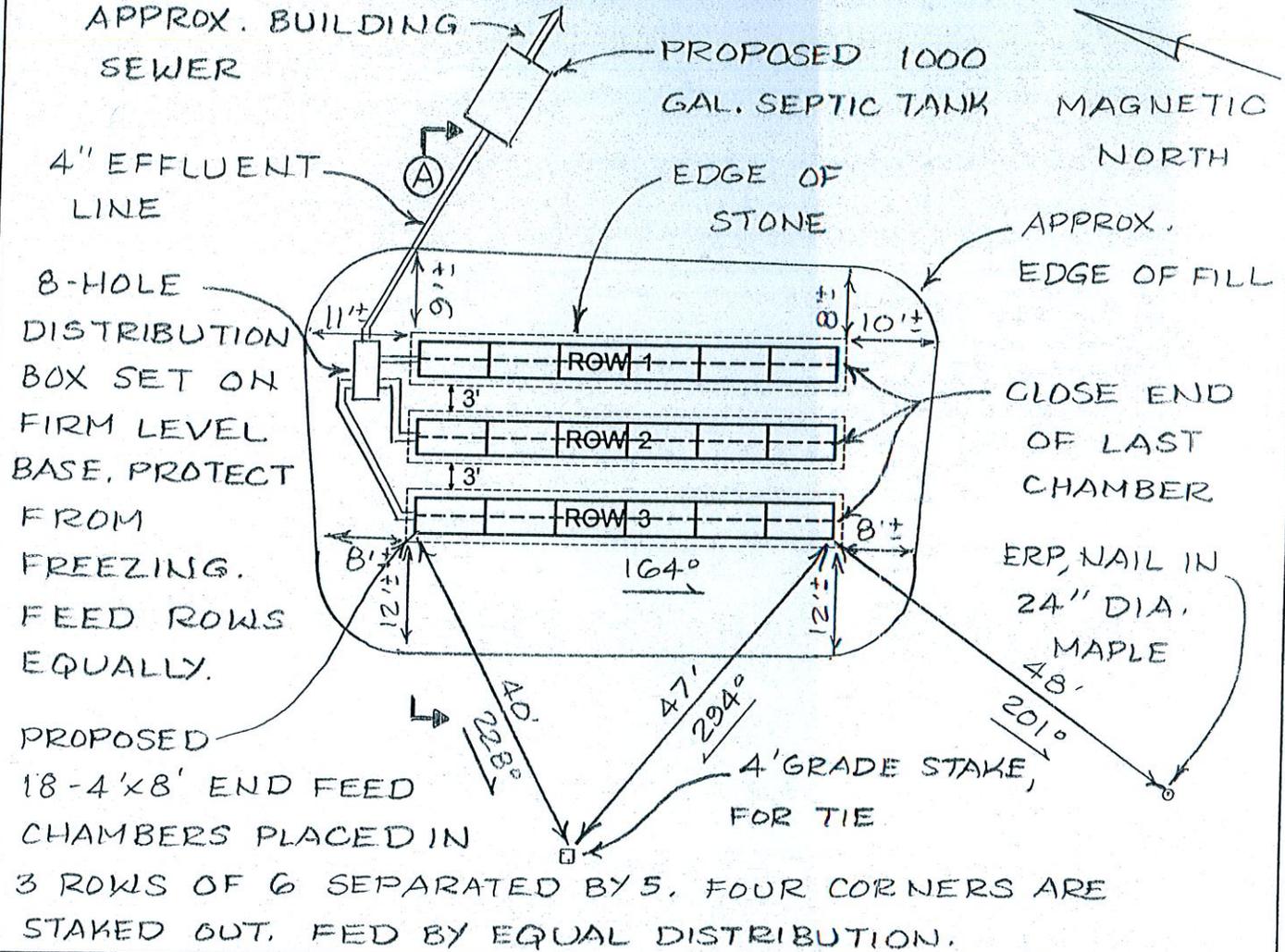
Town, City, Plantation
LAMDINE

Street, Road, Subdivision
DOUGLAS HIGHWAY

Owner or Applicant Name
STEWART WORKMAN

SUBSURFACE WASTEWATER DISPOSAL PLAN PROPOSED HOUSE

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	20"-24"	Finished Grade Elevation	(See	(See		Location & Description NAIL 56"
Depth of Backfill (Downslope)	21"	Top of Distribution Pipe or Proprietary Device	attached	N/A		ABOVE GROUND IN 24" DIA.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	X-Sec.)			MAPLE,
						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 or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

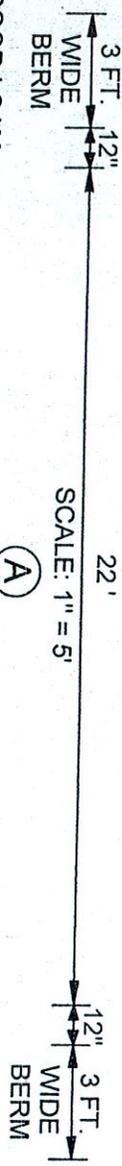
W. C. Lutz
 Site Evaluator's Signature

319
 S.E. #

5-11-12
 Date

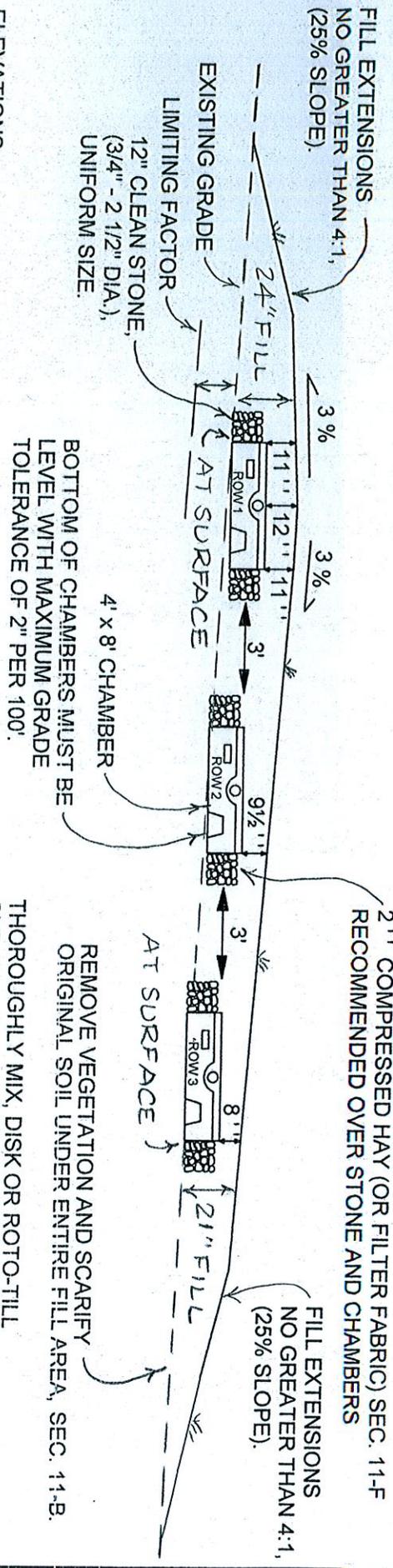
NOTE:
 GRADE UPSLOPE TO DIVERT
 SURFACE WATER AWAY FROM
 SYSTEM; ALS DOWNSLOPE.

DISPOSAL AREA CROSS SECTION SLOPE 6 %



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 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.



ELEVATIONS:
 ELEV. REF. PT. (ERP): 0"

FINISHED GRADE:	ROW 1	ROW 2	ROW 3
TOP OF CHAMBERS:	(CROWD - 21")	(-30 1/2")	(-39")
BOTTOM OF CHAMBERS:	-33"	-40"	-47"
	-46"	-53"	-60"

OWNER: STEWART WORKMAN
 LOCATION: LAMOINE

DOC 17 *W.C.R.* WILLIAM A. LABELLE, JR.

S.E.# 319

DATE 5-11-12

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.

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.