

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, Plantation	LAMOINE	Town/City <u>LAMOINE</u>	Permit # <u>1778</u>
Street or Road	WALKER FARM ROAD	Date Permit Issued <u>9/21/15</u>	Fee \$ <u>265</u> Double Fee Charged ()
Subdivision, Lot #	LOT #4 (WALKER FARM SUBDIVISION)	<u>McHard Bellings</u> Local Plumbing Inspector Signature	
OWNER/APPLICANT INFORMATION		L.P.I. # <u>820</u>	
Name (last, first, MI)	BROUGHMAN BUILDERS	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Mailing Address of	MIKE WIGHT BROUGHMAN BUILDERS 6 ACADIA WAY ELLSWORTH ME, 04605	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			
Daytime Tel. #	(207) 667-7870	Municipal Tax Map # <u>4</u>	Lot # <u>6.4</u>
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.	
<u>[Signature]</u> Signature of Owner or Applicant		<u>[Signature]</u> Local Plumbing Inspector Signature	
Date <u>9/14/15</u>		(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. < Minor Expansion <input type="checkbox"/> b. ≥ Major 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. _____ acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <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 checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <u>12 SIDE FEED CONCRETE CHAMBERS</u> <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 <u>924</u> 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 <u>270</u> 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 <u>31C</u> CONDITION at Observation Hole # <u>2</u> Depth <u>15</u> " 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. <u>44° d 16' m 10.8"</u> S N Lon. <u>68° d 33' m 50.8"</u> S W if g.p.s., state margin of error <u>30'</u>

SITE EVALUATOR STATEMENT

I certify that on 9-10-15 (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).

<u>[Signature]</u> Site Evaluator Signature WILLIAM A. LABELLE, JR.	319 SE# (207) 537-5900	<u>9-13-15</u> Date labelleptic@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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Town, City, Plantation
LAMOINE

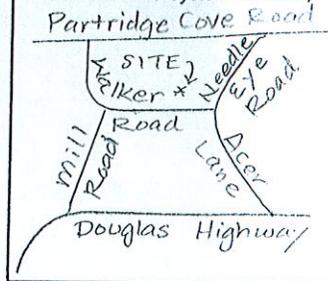
Street, Road, Subdivision **LOT 4
WALKER FARM ROAD**

Owner or Applicant Name
BROUGHMAN BUILDERS

SITE PLAN

Scale 1" = 40 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	SANDY		VERY DARK BROWN (10YR 2/3)	N.E.
10-20	GRAVELLY STONY LOAM	FRIABLE	DARK YELLOWISH BROWN (10YR 4/6)	FEW FAINT
20-30		FIRM		
30-40				
40-50				

Soil Profile	Classification Condition	Slope	Limiting Factor Depth	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
3	C	10%	16"	

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	SANDY		VERY DARK BROWN (10YR 2/3)	N.E.
10-20	GRAVELLY STONY LOAM	FRIABLE	DARK YELLOWISH BROWN (10YR 4/6)	FEW FAINT
20-30		FIRM		
30-40				
40-50				

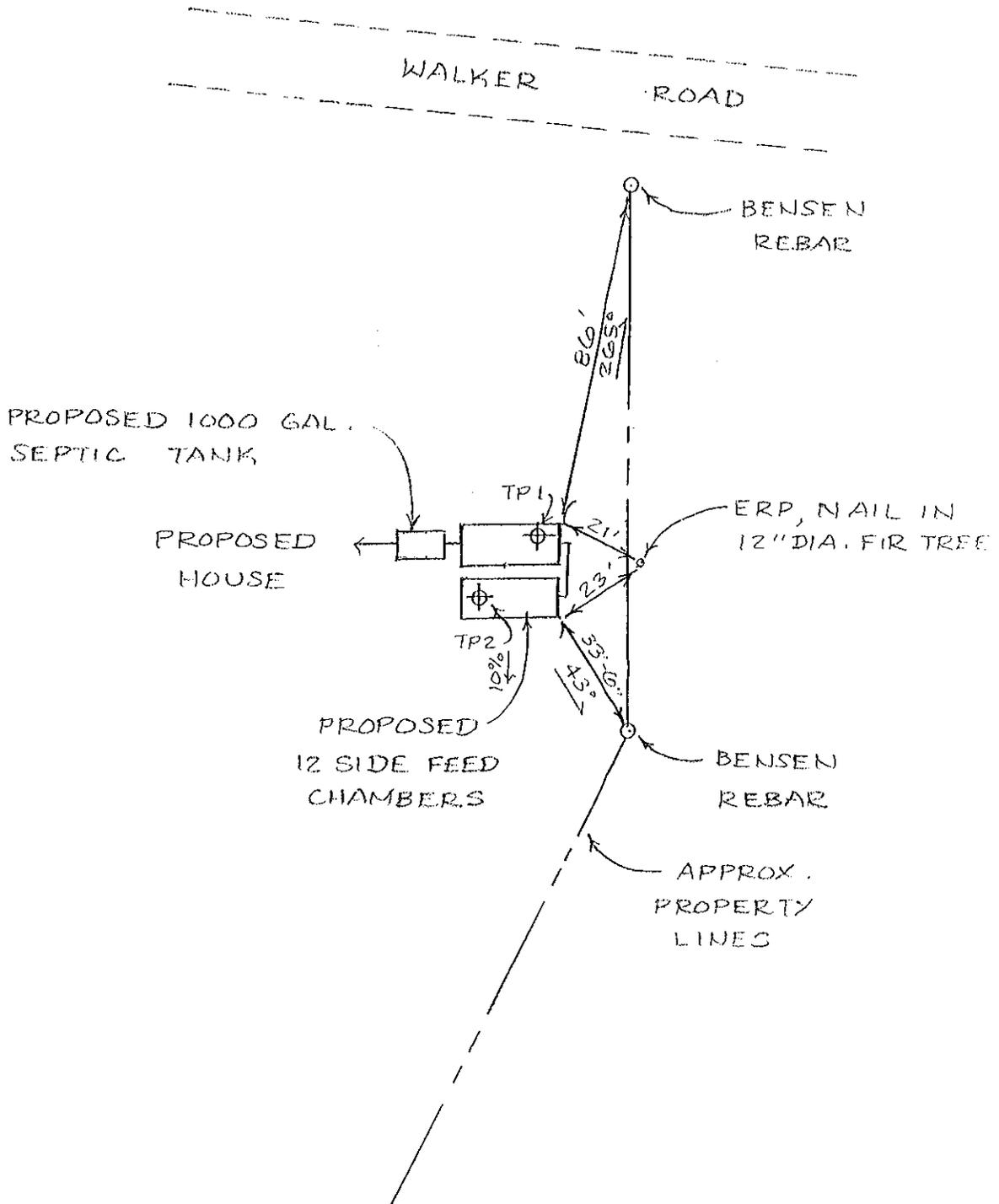
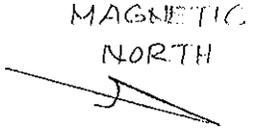
Soil Profile	Classification Condition	Slope	Limiting Factor Depth	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
3	C	10%	15"	

W.C. R. J.
Site Evaluator's Signature

319
S. E. #

9-13-15
Date

SITE PLAN:
SCALE: 1" = 40 FT.



W. O. L. J.
Site Evaluator's Signature

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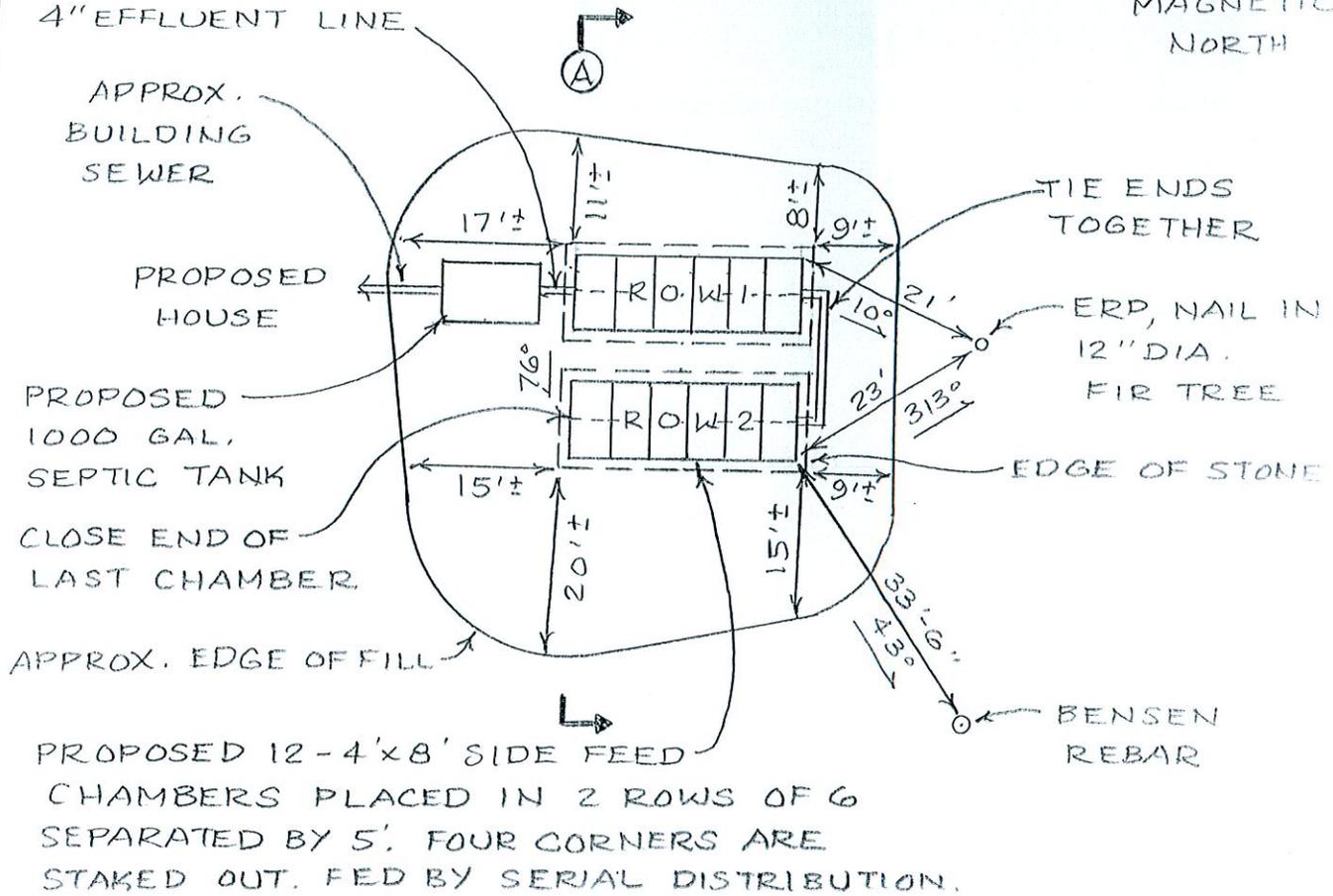
Street, Road, Subdivision **LOT 4
WALKER FARM ROAD**

Owner or Applicant Name
BROUGHMAN BUILDERS

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

MAGNETIC NORTH



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope) <u>20 1/2"-33 1/2"</u>	Finished Grade Elevation	(See		Location & Description <u>NAIL 42"</u>
Depth of Backfill (Downslope) <u>24"-34"</u>	Top of Distribution Pipe or Proprietary Device	<u>attached</u>	<u>N/A</u>	<u>ABOVE GROUND IN 12" DIA.</u>
Depths @ cross-section shown below or on X-sec. detail.	Bottom of Disposal Field	<u>X-sec.</u>		<u>FIR TREE.</u>
				Reference Elevation is: <u>0"</u>

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

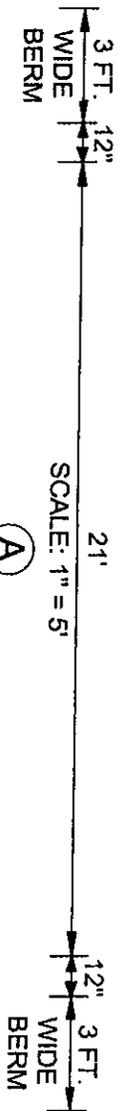
1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 11-M of the 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" (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.C. 2.1
Site Evaluator's Signature

319
S.E. #

9-13-15
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NOTE: GRADE USUALLY TO DIVERGENT SURFACE WATER AWAY FROM SYSTEM AND MOUSE. DISPOSAL AREA CROSS SECTION SLOPE 10% (A)

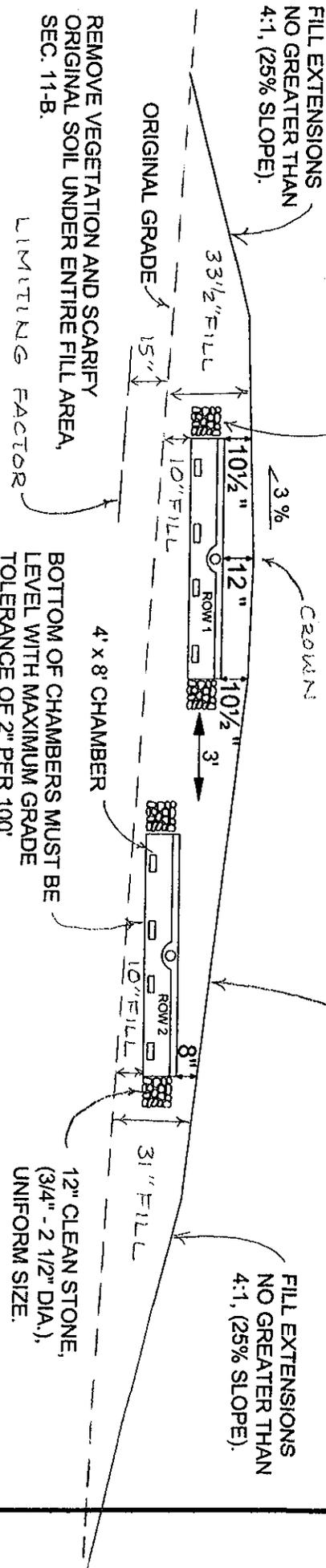


2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F RECOMMENDED OVER STONE AND CHAMBERS

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.

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'.

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"	ROW 1	ROW 2
FINISHED GRADE:	(CROWN - 20")	-32"	(-39" MIN.)
TOP OF CHAMBERS:		-45"	-47"
BOTTOM OF CHAMBERS:			-60"

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.

OWNER: BROUGHMAN BOULDERS
LOCATION: LA MOINE

WILLIAM A. LABELLE, JR.

S.E.#

DATE

319

9-13-15