



**Maine Center for Disease
Control and Prevention**
*An Office of the
Department of Health and Human Services*

Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-5672
Fax: (207) 287-4172; TTY: 1-800-606-0215

SUBSURFACE WASTEWATER DISPOSAL SYSTEM VARIANCE REQUEST

This form must accompany an application (HHE-200 Form) for any subsurface wastewater disposal system which requires a variance to provisions of the Subsurface Wastewater Disposal Rules. The Local Plumbing Inspector must not issue a permit for the installation of a subsurface wastewater disposal system requiring a variance from the Department of Health and Human Services until approval has been received from the Department.

GENERAL INFORMATION

Town of TREMONT

Property Owner's Name: DOUG GREGORY Tel. No.: (301) 466-5336

System's Location: CORNER OF ROUTE 102A/DODGE POINT ROAD

Property Owner's Address: 8886 DOE COURT-LAPLANTE, MD. Zip Code 20646

e-mail address: _____

The subsurface wastewater disposal system design for the subject property requires a ☒ replacement system variance ☐ first time system variance to the Subsurface Wastewater Disposal Rules. This variance requires ☒ local approval ☐ local and state approval.

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator. Use additional sheets if needed.)

1. SYSTEM TO OWNER'S DRILLED WELL

82'

SECTION OF RULE

TABLE B-A

2. _____

3. _____

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal by a licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. Attach a separate sheet if necessary.

VARIANCE REQUESTS MINIMIZED,

I, WILLIAM A. LABELLE, JR. #319, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.

William A. Labelle, Jr.
#319
SIGNATURE OF SITE EVALUATOR

9-20-17
DATE

PROPERTY OWNER

I, _____, am the ☐ owner ☐ agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

☐ SIGNATURE OF OWNER
☐ AGENT FOR THE OWNER

DATE

TREMONT CORNER OF RT.102A/DODGE POINT ROAD DOUG GREGORY

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all variance requests prior to rendering a decision.

I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (☐ does ☐ does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (☐ do ☐ do not) approve the requested variance. I (☐ will ☐ will not) issue a permit for the system's installation as proposed by the application.

LPI Signature

Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all variance requests prior to forwarding to the Division of Environmental Health.

I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (☐ does ☐ does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (☐ do ☐ do not) recommend the issuance of a permit for the system's installation as proposed by the application.

LPI Signature

Date

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (☐ does ☐ does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT

DATE

- Notes: 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 7.B.4 of the Subsurface Wastewater Disposal Rules for Municipal Review.)
2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 7.B.3 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

**SOIL, SITE AND ENGINEERING FACTORS FOR FIRST TIME SYSTEM VARIANCE ASSESSMENT
WITH LIMITING SOIL DRAINAGE CONDITIONS (SEE TABLES 7C THROUGH 7M).**

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile		
Depth to Groundwater/Restrictive Layer		
Terrain		
Size of Property		
Waterbody Setback		
Water Supply		
Type of Development		
Disposal Area Adjustment		
Vertical Separation Distance		
Additional Treatment		
TOTAL POINT ASSESSMENT:		

Minimum Points (Check One): ☐ Outside Shoreland Zone-50 ☐ Inside Shoreland Zone-65 ☐ Subdivision-65

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	TREMONT	Town	
Street or Road	CORNER OF RT. 102A/DODGE POINT ROAD	Date	Map/Lot# 006-026A City/Town Tremont
Subdivision, Lot #		Date Permit Issued	10/19/201
OWNER/APPLICANT INFORMATION		Applicant Copy	Permit # 1844
Name (last, first, MI)	GREGORY, DOUG	Fee	\$285.00
	☒ Owner ☐ Applicant	LPI Signature	LPI# 0960
Mailing Address of	8886 DOE COURT	Fee: \$ _____ state min. fee \$ _____ Locally adopted fee	
☒ Owner ☐ Applicant	LAPLANTE, MD 20646	Copy: ☐ Owner ☐ Town ☐ State	
Daytime Tel. #	(301) 466-5336	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.	
		Municipal Tax Map # _____ Lot # _____	
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 _____		(1st Date Approved) _____	
		Local Plumbing Inspector Signature _____ (2nd Date Approved) _____	

PERMIT INFORMATION		
TYPE OF APPLICATION ☐ 1. First Time System ☒ 2. Replacement System Type Replaced: <u>TRENCH</u> Year Installed: <u>1975</u> ☐ 3. Expanded System ☐ a. Minor Expansion <25% ☐ b. Major Expansion ≥ 25% ☐ 4. Experimental System ☐ 5. Seasonal Conversion	THIS APPLICATION REQUIRES ☐ 1. No Rule Variance ☐ 2. First Time System Variance ☐ a. Local Plumbing Inspector Approval ☐ b. State & Local Plumbing Inspector Approval ☒ 3. Replacement System Variance ☒ a. Local Plumbing Inspector Approval ☐ b. State & Local Plumbing Inspector Approval ☐ 4. Minimum Lot Size Variance ☐ 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENT(S) ☒ 1. Complete Non-engineered System ☐ 2. Primitive System (graywater & alt. toilet) ☐ 3. Alternative Toilet, specify: _____ ☐ 4. Non-engineered Treatment Tank (only) ☐ 5. Holding Tank, _____ gallons ☐ 6. Non-engineered Disposal Field (only) ☐ 7. Separated Laundry System ☐ 8. Complete Engineered System (2000 gpd or more) ☐ 9. Engineered Treatment Tank (only) ☐ 10. Engineered Disposal Field (only) ☐ 11. Pre-treatment, specify: _____ ☐ 12. Miscellaneous components
SIZE OF PROPERTY _____ sq. ft. _____ acres	DISPOSAL SYSTEM TO SERVE ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: <u>2</u> ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other: _____
SHORELAND ZONING ☐ Yes ☒ No	Current Use: ☒ Seasonal ☐ Year Round ☐ Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK ☒ 1. Concrete ☐ a. Regular ☐ b. Low Profile ☐ 2. Plastic ☒ 3. Other: <u>LIFT STATION</u> CAPACITY <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE ☐ 1. Stone Bed ☐ 2. Stone Trench ☒ 3. Proprietary Device <u>10 SIDE FEED CONCRETE CHAMBERS</u> ☐ a. Cluster Array ☒ c. Linear ☒ b. Regular load ☐ d. H-20 load ☐ 4. Other: _____ SIZE <u>770</u> sq. ft. ☐ lin. ft.	GARBAGE DISPOSAL UNIT ☒ 1. No ☐ 2. Yes ☐ 3. Maybe If Yes or Maybe, specify one below: ☐ a. Multi-compartment Tank ☐ b. _____ Tanks in Series ☐ c. Increase in Tank Capacity ☐ d. Filter on Tank Outlet	DESIGN FLOW <u>180</u> gallons per day BASED ON ☒ 1. Table 4A (dwelling unit(s)) ☐ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE <u>31D</u> at Observation Hole # <u>1</u> Depth <u>12</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING ☐ 1. Medium - 2.6 sq. ft./gpd ☒ 2. Medium-Large - 3.3 sq. ft./gpd ☐ 3. Large - 4.1 sq. ft./gpd ☐ 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP ☐ 1. Not Required ☐ 2. May be Required ☒ 3. Required Specify only for engineered systems DOSE: _____ gallons	☒ 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. <u>44° 16' 25.4" N</u> Lon. <u>68° 24' 05.5" W</u> if g.p.s., state margin of error <u>30'</u>

SITE EVALUATOR STATEMENT		
I certify that on <u>9-18-17</u> (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 <u>William A. LaBelle, Jr.</u>	319 SE# <u>(207) 537-5900</u>	Date <u>9-20-17</u> <u>labelleseptic@rivah.net</u>
Site Evaluator Name Printed	Telephone Number	E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.		

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-2010 FAX (207) 287-4172

Town, City, Plantation
TREMONT

Street, Road, Subdivision
CORNER OF RT. 102A/DODGE POINT ROAD

Owner or Applicant Name
DOUG GREGORY

SITE PLAN

Scale 1" = 40 Ft.

(SEE ATTACHED SITE PLAN)

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

*Dodge
Point Road*
* SITE
RT. 102A

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
SANDY			N.E.
GRAVELLY		BROWN	
LOAM		(10YR 4/3)	COMMON
			DISTINCT
LOAM	FRIABLE	BLACK	
		(7.5YR 2.5/1)	
Soil Profile <u>3</u> Classification <u>D</u> Slope <u>7</u> % Limiting Factor <u>12</u> " Depth ☒ 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
		DARK BROWN (10YR 3/3)	
SANDY			N.E.
		LIGHT	
GRAVELLY		OLIVE	
	FRIABLE	BROWN	FEW
LOAM		(2.5Y 5/4)	DISTINCT
Soil Profile <u>3</u> Classification <u>C</u> Slope <u>7</u> % Limiting Factor <u>24</u> " Depth ☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth			

W. G. Gregory
Site Evaluator's Signature

319
S. E. #

9-20-17
Date

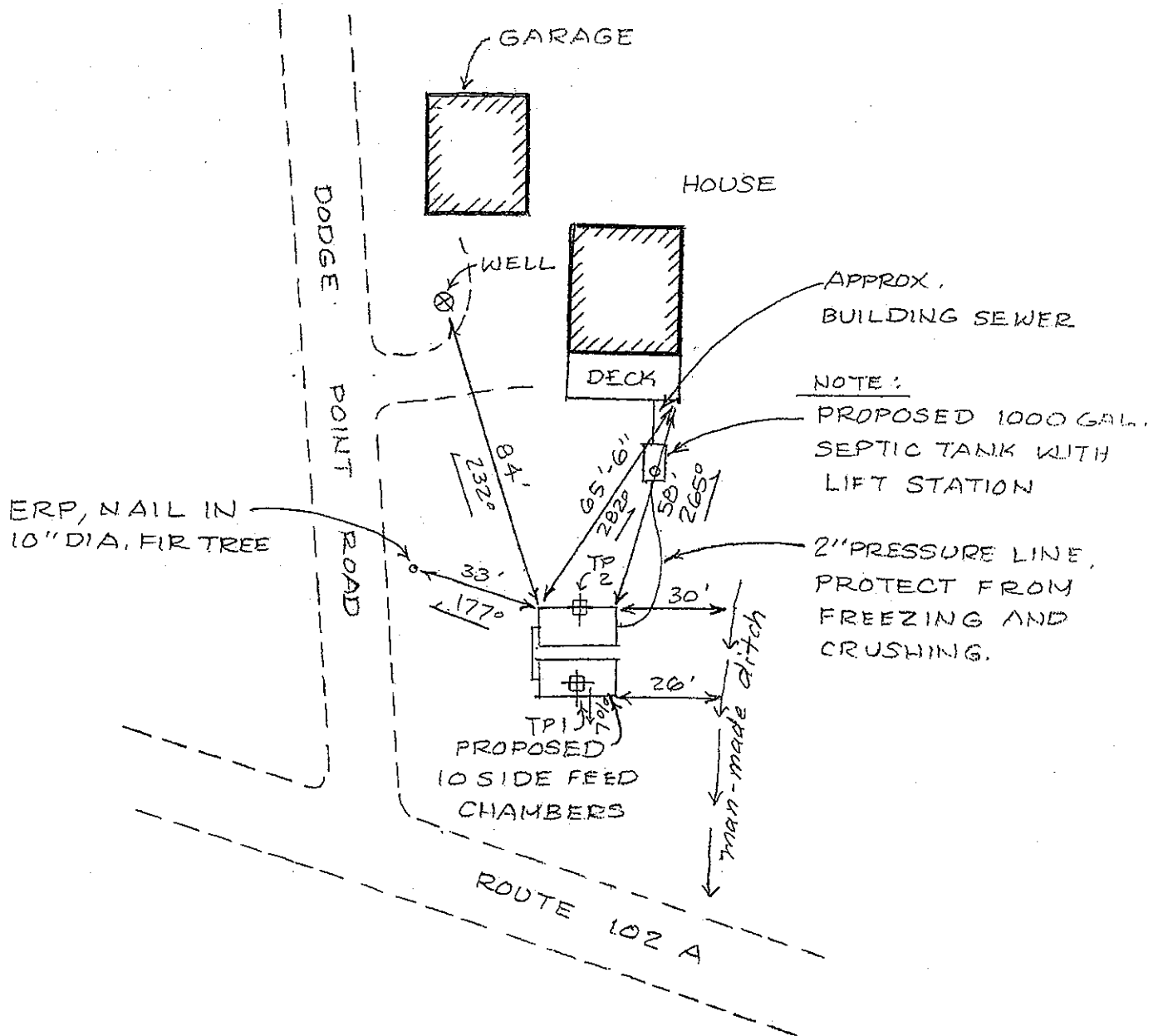
Town, City, Plantation CORNER Street, Road, Subdivision
TREMONT OF RT. 102A/DODGE POINT ROAD

Owner or Applicant Name
DOUG GREGORY

SITE PLAN:

SCALE: 1" = 40 FT.

MAGNETIC
NORTH



W. C. 3

Site Evaluator's Signature

319

S.E. #

9-20-17

Date

Page 2A of 3
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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

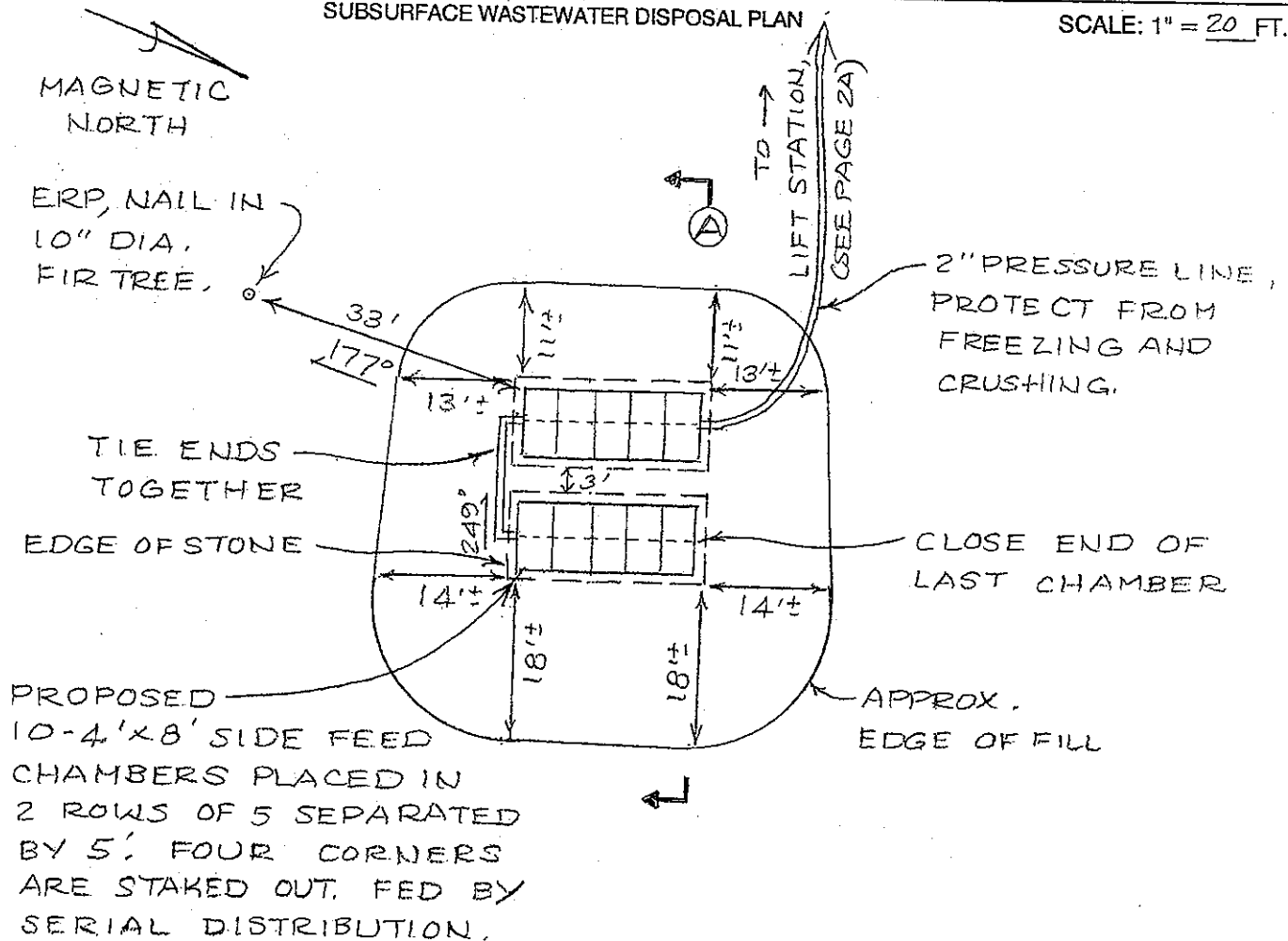
Town, City, Plantation
TREMONT

CORNER Street, Road, Subdivision
OF RT. 102A/DODGE POINT ROAD

Owner or Applicant Name
DOUG GREGORY

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20' FT.



FILL REQUIREMENTS

Depth of Backfill (Upslope) 29 1/2"
Depth of Backfill (Downslope) 33"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation

SYSTEM: (See

PRIVY: N/A

ELEVATION REFERENCE POINT

Location & Description NAIL 44"

ABOVE GROUND IN A 10"

DIA. FIR TREE,

Reference Elevation is: 0"

Depths @ cross-section shown below or on X-sec. detail. Bottom of Disposal Field

X-sec.)

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. 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" (DEPWO588).
4. 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). Install risers to finish grade of appropriate size to allow pump removal on all in-tank pump chambers and separate pump tanks.
5. Protect lift stations and pump tanks from freezing.

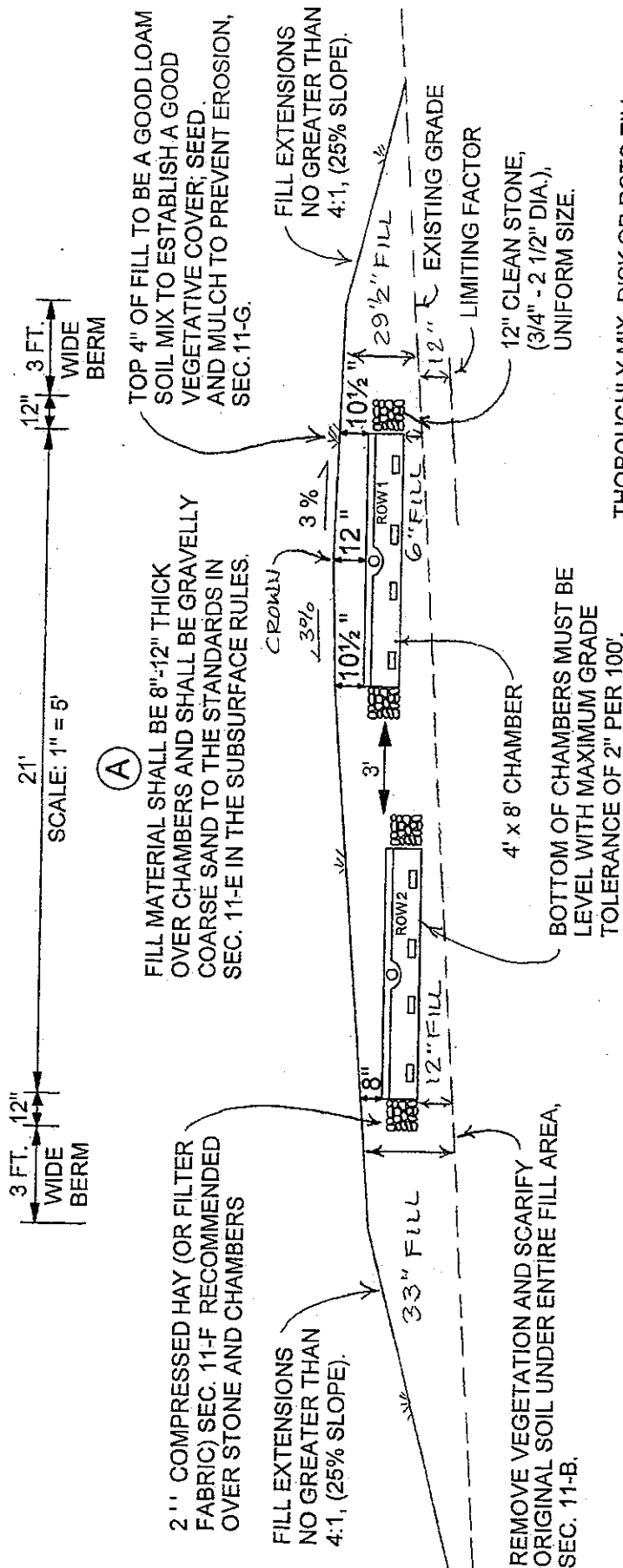
W. C. G.
Site Evaluator's Signature

319
S.E. #

9-20-17
Date

DISPOSAL AREA CROSS SECTION SLOPE 7 %

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



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.

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

	ROW 1	ROW 2
FINISHED GRADE:	(CROWN -24")	(-39" MIN.)
TOP OF CHAMBERS:	-36"	-47"
BOTTOM OF CHAMBERS:	-49"	-60"

OWNER: DOUG GREGORY
LOCATION: TREMONT

W. A. LaBelle, Jr.
WILLIAM A. LaBELLE, JR.

319 9-20-17
S.E.# DATE