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

City, Town, or Plantation: LAMOINE
Street or Road: SHORE ROAD
Subdivision, Lot #:

OWNER/APPLICANT INFORMATION

Name (last, first, MI): O'HANIAN GEORGE ☒ Owner ☐ Applicant
Mailing Address of ☒ Owner ☐ Applicant: 4214 PLAZA LANE
FAIRFAX, VA 22033
Daytime Tel.# (703) 577-2446
email address:

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City: Lamoine Permit #: 1968
Date Permit Issued: 8/21/19 Fee: $265 Double Fee Charged ( )
Local Plumbing Inspector Signature: [signature] LPI #: 394
Fee: $ 265 state min. fee $ _____ Locally adopted fee
Copy: ☐ Owner ☐ Town ☐ State

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 # 1 Lot # 11

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.

[signature] 16 Aug 19
Signature of Owner or Applicant — Date

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application. _____ (1st Date Approved)

Local Plumbing Inspector Signature — _____ (2nd Date Approved)

PERMIT INFORMATION

TYPE OF APPLICATION

☒ 1. First Time System
☐ 2. Replacement System
Type Replaced: _____
Year Installed: _____
☐ 3. Expanded System
☐ a. Minor Expansion <25%
☐ b. Major Expansion ≥ 25%
☐ 4. Experimental System
☐ 5. Seasonal Conversion

SIZE OF PROPERTY

_____ ☐ sq. ft.
5.8 ☒ acres

SHORELAND ZONING

☐ Yes ☒ No

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 TO SERVE

☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 4
☐ 2. Multiple Family Dwelling, No. of Units: _____
☐ 3. Other: (SPECIFY) _____
Current Use: ☐ Seasonal ☐ Year Round ☒ Undeveloped

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

TYPE OF WATER SUPPLY

☒ Proposed ☐ Existing
☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

☒ 1. Concrete
☒ a. Regular
☐ b. Low Profile
☐ c. with lift station
☐ d. water tight
☐ e. two compartment
☐ 2. Plastic
☒ 3. Other: LIFT STATION
CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

☐ 1. Stone Bed ☐ 2. Stone Trench
☒ 3. Proprietary Device 20 SIDE FEED CONCRETE CHAMBERS
☐ a. Cluster Array ☒ c. Linear
☒ b. Regular load ☐ d. H-20 load
☐ 4. Other: _____
SIZE 1540 ☒ 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

360 gallons per day
BASED ON
☒ 1. Table 4A (dwelling unit(s))
☐ 2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilities

☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
B ID
at Observation Hole # 2
Depth 10 "
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

LATTITUDE AND LONGITUDE

at center of disposal area
Lat. 44 d 27 m 59.2 s N
Lon. 68 d 21 m 06.1 s W
If g.p.s., state margin of error _____

SITE EVALUATOR STATEMENT

I certify that on 5-13-19 (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 5-20-19
Site Evaluator Signature — SE# — Date
WILLIAM A. LaBELLE, JR. (207) 537-5900 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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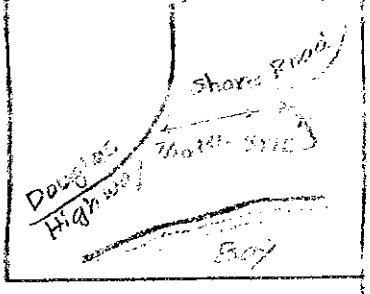
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
LAMOINE	SHORE ROAD	GEORGE O'HANIAN

SITE PLAN Scale 1" = 100 Ft.

(SEE ATTACHED SITE PLAN)

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



NOTE:
ONCE YOU ENTER THE TREES, THERE ARE SEVERAL SMALL REVINES WHICH DO RUN WATER IN THE SPRING AND ARE TYPICAL OF CLAY SOIL SITES. OWNER SHOULD CONSULT WITH TOWN C.E.O., TO DETERMINE IF ANY ARE CONSIDERED WATER COURSES TO THE TOWN. THOSE THAT ARE HAVE A 100' SETBACK FOR TANK PLACEMENT, THOSE THAT ARE NOT HAVE A 75' SETBACK FOR TANK PLACEMENT.

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

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0–10	SILT LOAM TO SILTY LOAMY SAND	FRIABLE	VERY DARK GRAYISH BROWN (10YR 3/2)	N.E.
10–20		COMPACTED	BROWN (10YR 5/3)	KEEPING WATER
20–30				
30–40	(STANDING WATER @ 14")			
40–50				

Soil Profile	Classification Condition	Slope	Limiting Factor Depth	Limiting Factor: ■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
8	D	3 %	12"	

Observation Hole #2 ■ Test Pit ☐ Boring

1" Depth of organic horizon above mineral soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0–10	SILT LOAM TO SANDY SILT LOAM	FRIABLE	VERY DARK GRAYISH BROWN (10YR 3/2)	N.E.
10–20		COMPACTED	LIGHT OLIVE BROWN (2.5Y 5/4)	WITH WATER
20–30				
30–40				
40–50				

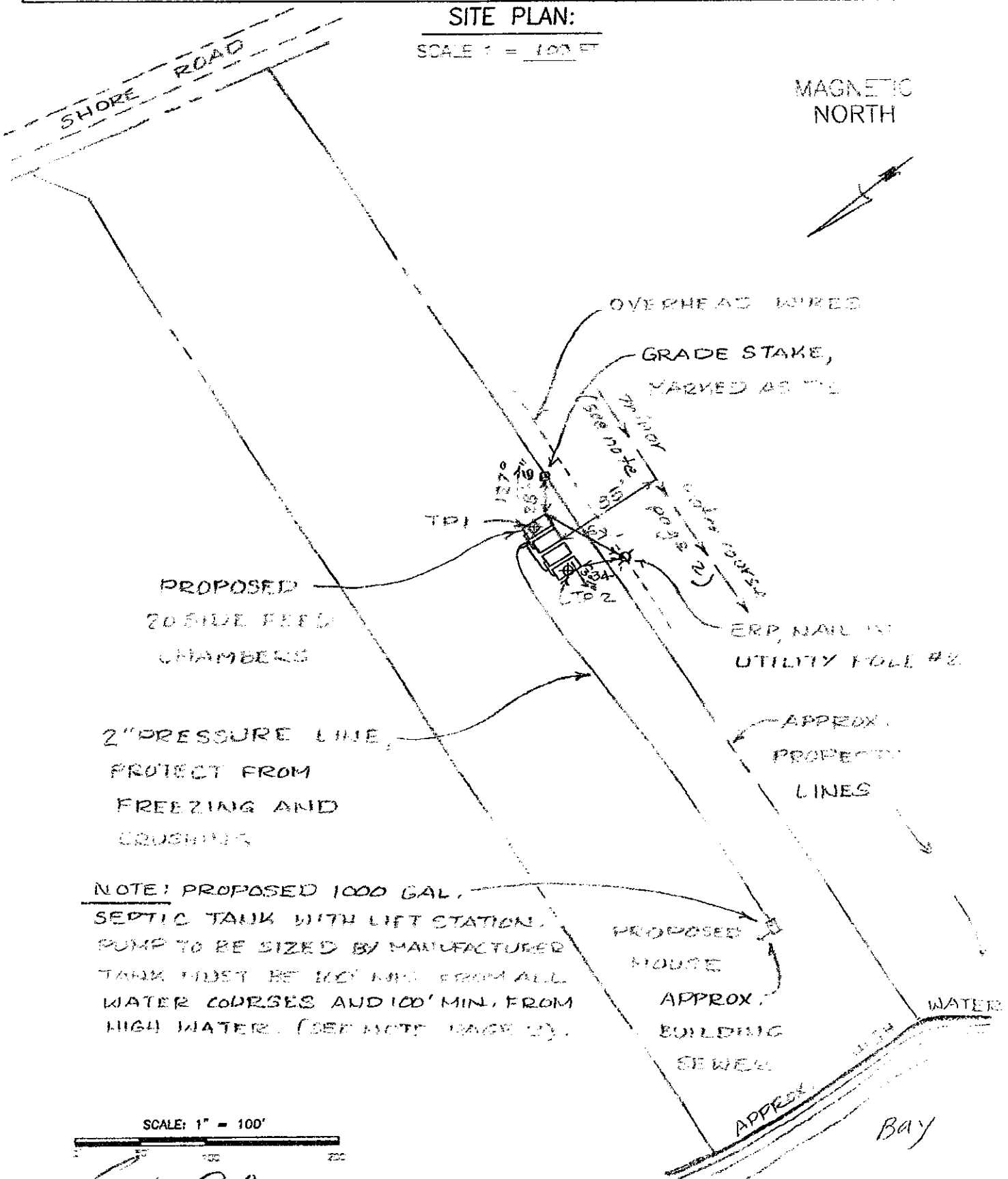
Soil Profile	Classification Condition	Slope	Limiting Factor Depth	Limiting Factor: ■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
8	D	3 %	10"	

Site Evaluator's Signature | 319 S.E.# | 5-20-19 Date

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
LAMOINE	SHORE ROAD	[illegible]

SITE PLAN:

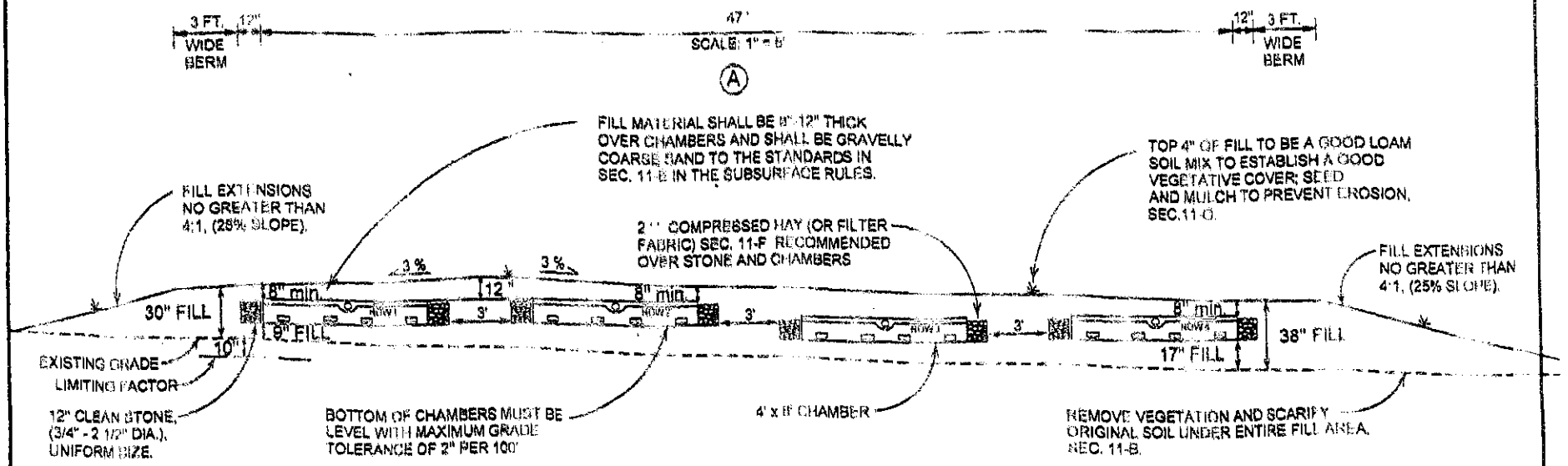
SCALE 1" = 100 FT



Site Evaluator's Signature	S.E. #	Date
[signature]	319	5-20-19

NOTE:
GRADE UPSLOPE TO DIVERT SURFACE WATER AWAY FROM SYSTEM

DISPOSAL AREA CROSS SECTION
SLOPE 3 %



ELEVATIONS:

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

	ROWS 1 AND 2	ROWS 3 AND 4
FINISHED GRADE:	(CROWN -15")	(-29" MIN.)
TOP OF CHAMBERS:	-27"	-37"
BOTTOM OF CHAMBERS:	-40"	-50"

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 CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES

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:
POOR, SHALLOW, CLAY BASED SOILS EXIST. RECOMMEND REMOVING ANY STUMPS AND THOROUGHLY ROTO-TILLING ENTIRE SYSTEM AREA. IF GRUBBING SITE WITH EXCAVATOR, LEAVE AS MUCH ORIGINAL SOIL AS ABSOLUTELY POSSIBLE.

SCALE: 1" = 5'
0' 1' 2' 3' 4' 5' 10'

OWNER: GEORGE O'HANIAN
LOCATION: LAMOINE

WILLIAM A. LaBELLE, JR. — S.E. # 319 — DATE 5-20-19

DOC17

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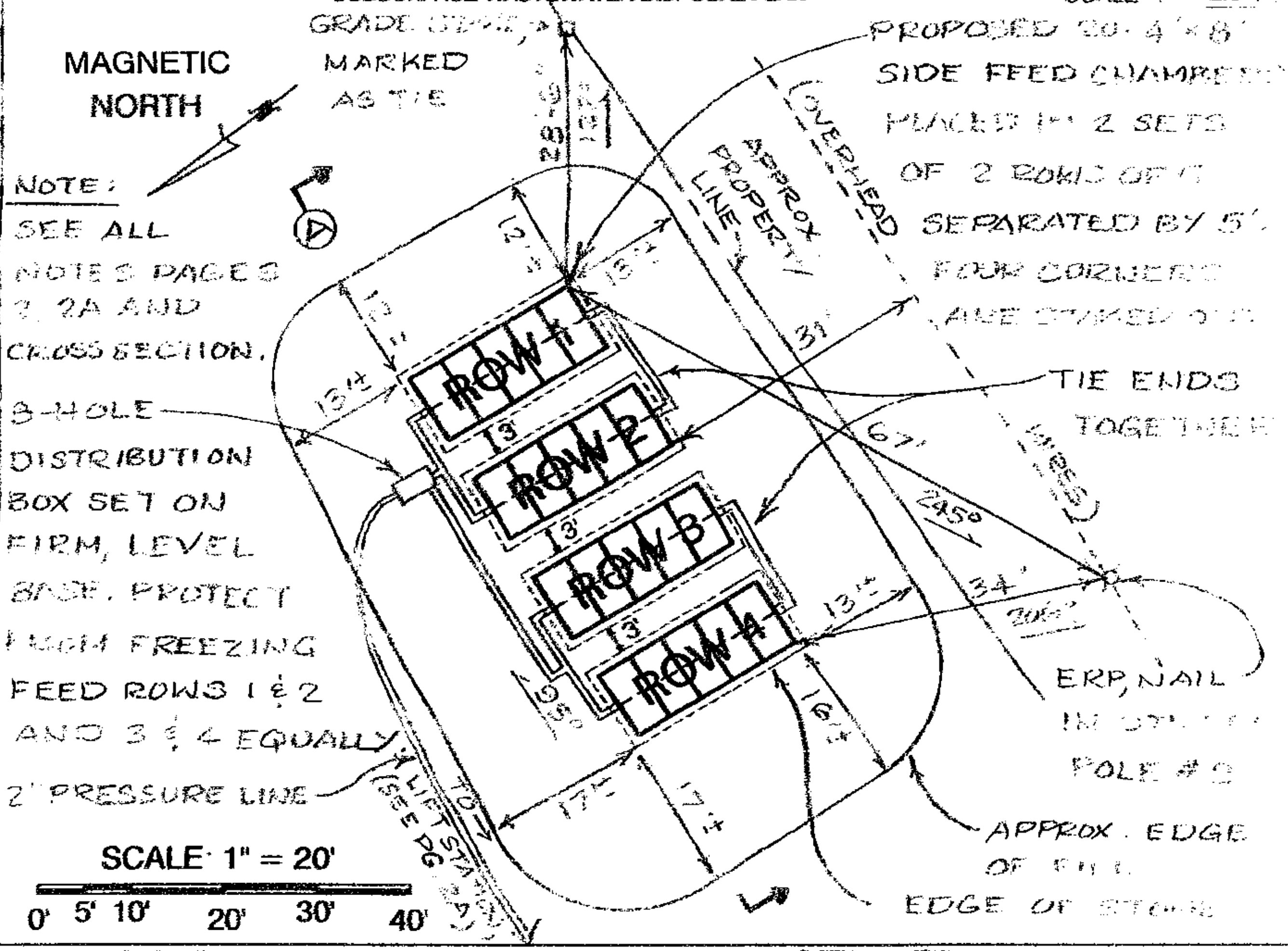
LAMOINE	SHORE ROAD	GEORGE O'[illegible]

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	30"	Finished Grade Elevation	(See	Location & Description NAIL IN
Depth of Backfill (Downslope)	33"-38"	Top of Distribution Pipe or Proprietary Device	attached N/A	ABOVE GROUND IN UTILITY POLE #2
Depths @ cross-section shown below or on X-sec detail		Bottom of Disposal Field	X-Sec.)	Reference Elevation is: 0'

NOTES:

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

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). Install risers to finish grade of appropriate size to allow pump removal on all in-tank pump chambers and separate pump tanks.
6. Protect lift stations and pump tanks from freezing.
7. 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.

[signature]	319	5-20-19
Site Evaluator's Signature	S.E. #	Date