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JUL 5 2024
TOWN OF BAR HARBOR MAINE

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	BAR HARBOR
Street or Road	CORNER OF ARROWHEAD & INDIAN POINT ROADS
Subdivision, Lot #	LOT 1

OWNER/APPLICANT INFORMATION

Name (last, first, MI): HADNOT, CLAYTON — ■ Owner ☐ Applicant

Mailing Address of ■ Owner ☐ Applicant	P.O. BOX 276
	WILMOT NH 03282
Daytime Tel. # / email address:	(603) 568-6346

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City Bar Harbor Permit # 6440

Date Permit Issued 7,9,24 Fee $ 459 - Double Fee Charged ( )

L.P.I. # 1000

Local Plumbing Inspector Signature

Fee: $ 250 state min. fee $ 459 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 # 234 Lot # 35

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.

Robert Hadnot 7/5/2024
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.
3.3 ■ 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 OR
  - ■ b. Low Profile
  - ☐ c. with lift station
  - ☐ d. water tight
  - ☐ e. two compartment
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY 1000 gallons

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
3 / C/A, III

at Observation Hole # 1
Depth 22 "
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD TYPE & SIZE
- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ■ 3. Proprietary Device 16 SIDE FEED CONCRETE CHAMBERS
  - ☐ a. Cluster Array ■ c. Linear
  - ■ b. Regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE 1232 ■ sq. ft. ☐ lin. ft.

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

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

EFFLUENT/EJECTOR PUMP
- ■ 1. Not Required
- ☐ 2. May be Required
- ☐ 3. Required

Specify only for engineered systems

DOSE: _____ gallons

DESIGN FLOW

360 gallons per day

BASED ON
- ■ 1. Table 5A (dwelling unit(s)
- ☐ 2. Table 5C (other facilities)

SHOW CALCULATIONS for other facilities

4 BEDROOMS

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

LATITUDE AND LONGITUDE

at center of disposal area

Lat 44 d 23 m 25.1 s N
Lon 68 d 21 m 04.5 s W
if g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT

I certify that on 5-31-2024 (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 (10-144 CMR 241).

Site Evaluator Signature	SE#	Date
	319	6-17-24
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: BAR HARBOR

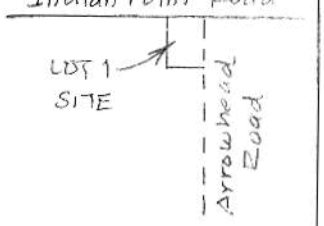
Street, Road, Subdivision: CORNER OF LOT 1 ARROWHEAD & INDIAN POINT ROADS

Owner or Applicant Name: CLAYTON HADNOT

SITE PLAN — Scale 1" = _____ Ft.

(SEE ATTACHED SITE PLAN)

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



NOTES:

"WATER TREATMENT SYSTEMS SHALL NOT BE CONNECTED TO THE SEPTIC SYSTEM", FOR FIRST TIME SYSTEMS.
"IF A WATER TREATMENT SYSTEM EXIST AND IS CONNECTED TO THE SEPTIC SYSTEM, IT MUST BE REMOVED FROM THE SEPTIC SYSTEM", FOR REPLACEMENT SYSTEMS.

TP#1 (OUTSIDE SYSTEM AREA)

(USED THIS TP WITH PROBINGS)

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 (inches)	Texture	Consistency	Color	Mottling
0–10	MUCKY LOAM		VERY DK. BROWN (10YR 2/2)	
10–20	SANDY STONY LOAM	FRIABLE	DARK YELLOWISH BROWN	N.E.
20–30		FIRM	(10YR 3/4)	FEW FAINT
30–50	(LEDGE LIKELY SOON)			

Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C/A, III	2-5 %	16" Depth	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole #2 ■ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Depth (inches)	Texture	Consistency	Color	Mottling
0–10	MUCKY LOAM		VERY DK. BROWN (10YR 2/2)	
10–20	SANDY STONY LOAM	FRIABLE	DARK YELLOWISH BROWN	N.E.
20–30		FIRM	(10YR 3/6)	
30–50	(LEDGE LIKELY SOON)			

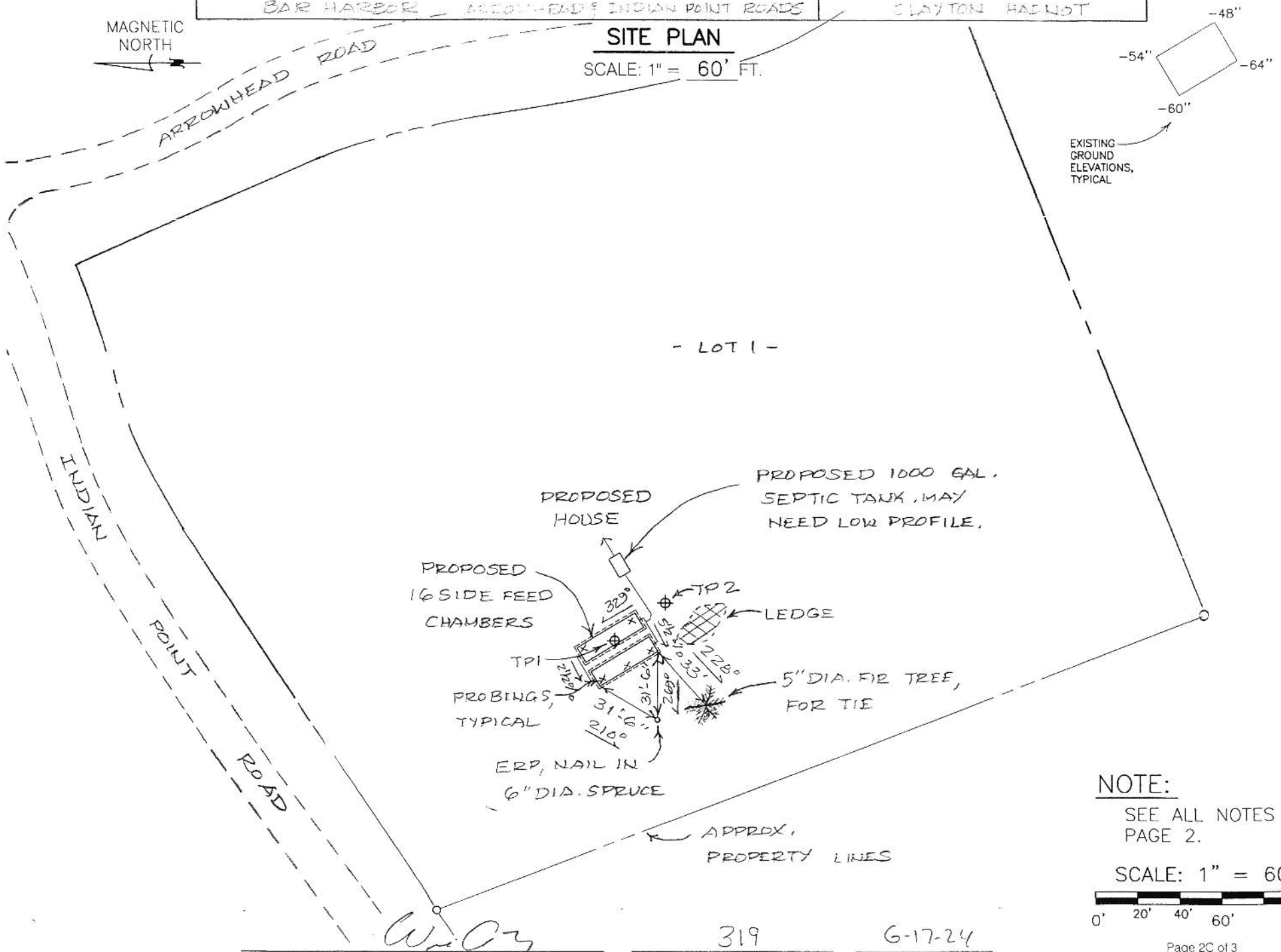
Soil Profile	Classification Condition	Slope	Limiting Factor	
3	C/A, III	5½%	22" Depth	☐ Ground Water ■ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Site Evaluator's Signature | S. E. # 319 | Date 6-17-24

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
BAR HARBOR	ARROWHEAD & INDIAN POINT ROADS	CLAYTON HADLOT

SITE PLAN

SCALE: 1" = 60' FT.



NOTE:

SEE ALL NOTES PAGE 2.

SCALE: 1" = 60'

0' 20' 40' 60' 100'

Site Evaluator's Signature	S.E. #	Date
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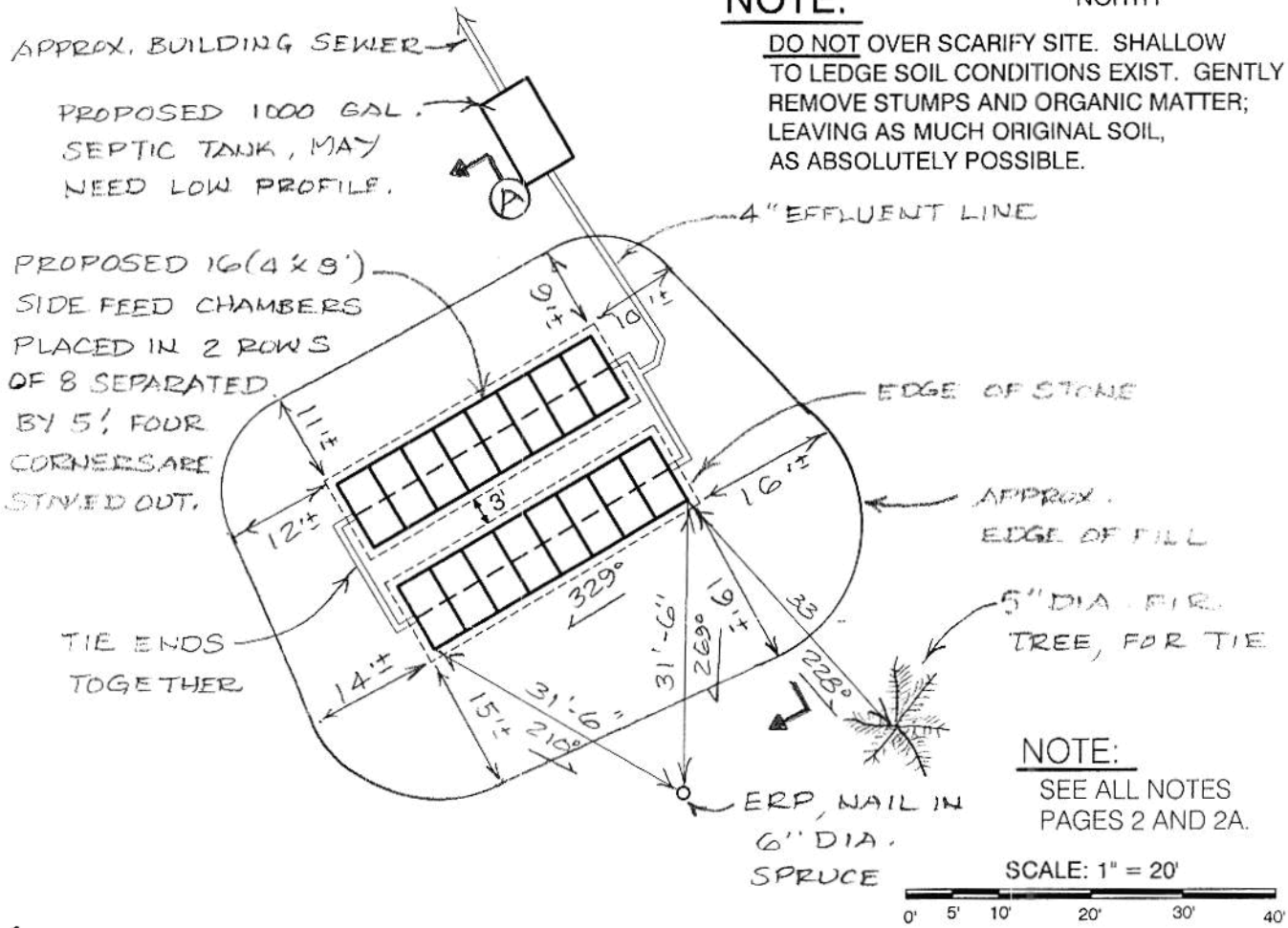
Town, City, Plantation	CORNER Street, Road, Subdivision	Owner or Applicant Name
BAR HARBOR	LOT 1 OF ARROWHEAD, INDIAN POINT ROADS	CLAYTON HADNOT

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

MAGNETIC NORTH



NOTE:

DO NOT OVER SCARIFY SITE. SHALLOW TO LEDGE SOIL CONDITIONS EXIST. GENTLY REMOVE STUMPS AND ORGANIC MATTER; LEAVING AS MUCH ORIGINAL SOIL, AS ABSOLUTELY POSSIBLE.

NOTE:

SEE ALL NOTES PAGES 2 AND 2A.

SCALE: 1" = 20'

0' 5' 10' 20' 30' 40'

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS	SYSTEM	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	21"-27"	Finished Grade Elevation	CROWN -23"		Location & Description NAIL 72" ABOVE GROUND IN A 6" DIA. SPRUCE,
Depth of Backfill (Downslope)	33"-37"	Top of Distribution Pipe or Proprietary Device	-35"	N/A	
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	-48"		Reference Elevation is: 0"

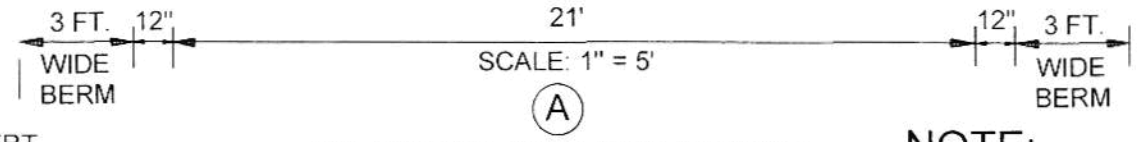
NOTES:

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 50' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands, water bodies and water courses must be done in compliance with Section 13 0f 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 water tight, 18" dia. risers to finished finished grade on all covers of tank(s) and separate pump tanks.
6. Full basement below grade foundation must be 20' minimum from edge of disposal field and no full basement, slab, frost wall, columns or posts must be 15' minimum from edge of disposal field.

Site Evaluator's Signature	S.E. #	Date
	319	6-17-23

DISPOSAL AREA CROSS SECTION



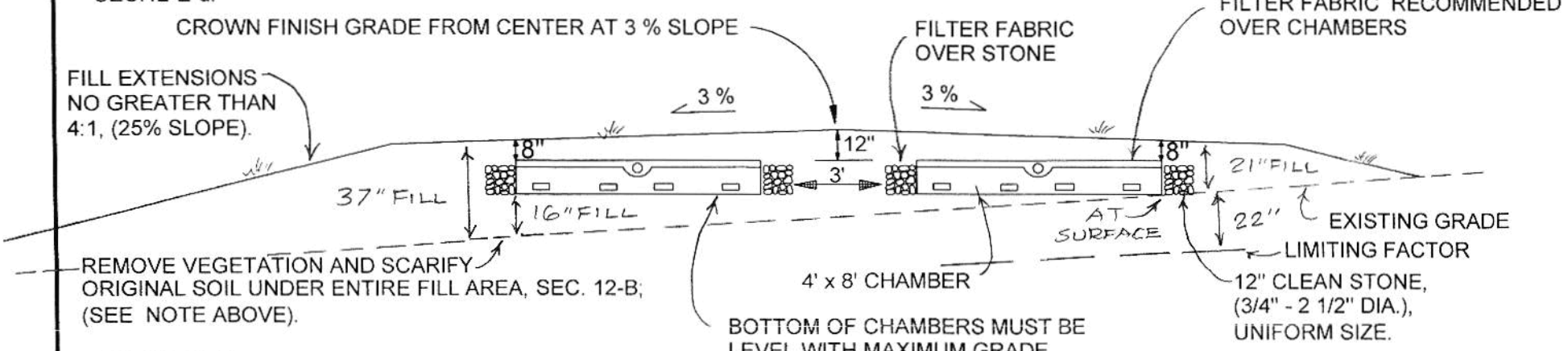
(A)

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

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC.12-E-d.

FILL MATERIAL SHALL BE 8"-12" THICK OVER CHAMBERS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 12-E IN THE SUBSURFACE RULES.

NOTE:
DO NOT OVER SCARIFY SITE. SHALLOW TO LEDGE SOIL CONDITIONS EXIST. GENTLY REMOVE STUMPS AND ORGANIC MATTER; LEAVING AS MUCH ORIGINAL SOIL, AS ABSOLUTELY POSSIBLE.



THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 6 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 12-B.

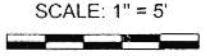
ELEVATIONS:

ELEV. REF. PT. (ERP):	0"
FINISHED GRADE:	-23" CROWN
TOP OF CHAMBERS:	-35"
BOTTOM OF CHAMBERS:	-48"

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 12 OF SAID RULES.

OWNER: CLAYTON HADNOT

LOCATION: BAR HARBOR



W. C. L.
WILLIAM A. LaBELLE, JR.

319
S.E.#

6-17-24
DATE

DOC 24