

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	MILBRIDGE	Town/City	Permit #
Street or Road	ISLAND COVE LANE	Date Permit Issued	Fee \$ Double Fee Charged ()
Subdivision, Lot #	#18		L.P.I. #
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature	
Name (last, first, MI)	BLANCHARD, LOUIS	Fee: \$ state min. fee \$ Locally adopted fee	
Mailing Address of	P.O. BOX 205	Copy: ☐ Owner ☐ Town ☐ State	
☐ Owner ☐ Applicant	MILBRIDGE, ME. 04658	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.	
Daytime Tel. #	(985) 517-9701	Municipal Tax Map #	Lot #
email address:			
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		Local Plumbing Inspector Signature	
Date		(1st Date Approved)	
		(2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION ☐ 1. First Time System ☐ 2. Replacement System Type Replaced: _____ Year Installed: _____ ☐ 3. Expanded System 1 BEDRM. ☐ 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 3' DUMP TANK
SIZE OF PROPERTY _____ sq. ft. _____ acres SHORELAND ZONING ☐ Yes ☐ No	DISPOSAL SYSTEM TO SERVE ☐ 1. Single Family Dwelling Unit, No. of Bedrooms: 3 ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: (SPECIFY) _____ Current Use: ☐ Seasonal ☐ Year Round ☐ Undeveloped	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 1-EXISTING ☐ b. Low Profile 1-PROPOSED ☐ c. with lift station ☐ d. water tight ☐ e. two compartment ☐ 2. Plastic ☐ 3. Other: CAPACITY 2000 gallons	DISPOSAL FIELD TYPE & SIZE ☐ 1. Stone Bed ☐ 2. Stone Trench ☐ 3. Proprietary Device 30 TYPE B43 TRANSVERSE GSF UNITS ☐ a. Cluster Array ☐ c. Linear ☐ b. Regular load ☐ d. H-20 load ☐ 4. Other: SIZE 1440 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 270 gallons per day BASED ON ☐ 1. Table 4A (dwelling unit(s)) ☐ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities (SEE PAGE 2)
SOIL DATA & DESIGN CLASS PROFILE CONDITION 9 / C at Observation Hole # 2 Depth 15" 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. 44° 30' 30" N Lon. 67° 51' 14" W if g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT

I certify that on 4-7-2022 (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: William A. LaBelle, Jr.
 Site Evaluator Name Printed: WILLIAM A. LaBELLE, JR.
 Telephone Number: (207) 537-5900
 Date: 4-16-22
 E-mail Address: labelleseptic@rivah.net

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation
MILBRIDGE

Street, Road, Subdivision #18
ISLAND COVE ROAD

Owner or Applicant Name
LOUIS BLANCHARD

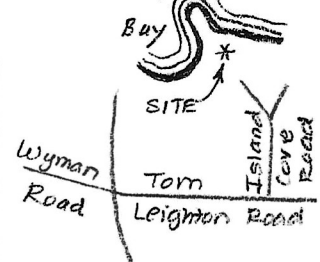
SITE PLAN

Scale 1" = _____ Ft.

(SEE ATTACHED SITE PLAN)

2 BED ROOM MAIN HOUSE WITH
REMOTE 1 BEDROOM GUEST CABIN
BATHROOM, NO KITCHEN = MINOR
EXPANSION INSIDE THE SHORELAND
ZONE. (SEE SECTIONS 9-A-4-a & 9-C-2-a.

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



(MY TEST PIT)

(COSTA PIT FROM 2000 SE #280)

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		VERY	
STONY		DARK	N.E.
LOAM	FRIABLE	BROWN	
(ASSUMED FILL)		(10YR 2/3)	END OF ROOTS
(STANDING WATER @ 20")			
3 LIKE C	2 1/2%	16"	
Profile	Condition	Depth	

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

Texture	Consistency	Color	Mottling
Loam	Friable	Brown	
Silt Loam			15"
Silt	Somewhat Firm	Olive Brown	
Clayey Silt	Firm	Grey	
9 C	0%	15"	
Profile	Condition	Depth	

U.C. 1.1
Site Evaluator's Signature

319
S. E. #

4-16-22
Date

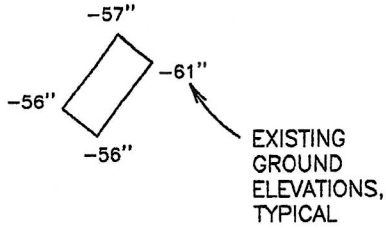
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Date

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Town, City, Plantation MILBRIDGE	Street, Road, Subdivision #18 ISLAND COVE ROAD	Owner or Applicant Name LOUIS BLANCHARD
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SITE PLAN:

SCALE: 1" = 60 FT.



NOTE: PUMPS TO BE SIZED BY MANUFACTURER.

PROPOSED 30 TYPE 843 TRANSVERSE GSF UNITS

* NOTE: REMOVE FAILING PLASTIC CHAMBER SYSTEM AND ALL POOR SATURATED FILL *

2" PRESSURE LINE, PROTECT FROM FREEZING AND CRUSHING

GARAGE

MAIN HOUSE

APPROX. BUILDING SEWER

PROPOSED REMOTE BEDROOM BATHROOM, NO KITCHEN

NOTE: EXISTING 1000 GAL. SEPTIC TANK WITH LIFT STATION

DECK

DRIVE

TP1

TP2

38'-6"

36'

31'

30'

35'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

38'

MAGNETIC NORTH

WELL

WELL

APPROX. PROPERTY LINE

ERP, NAIL IN 6" DIA. MAPLE

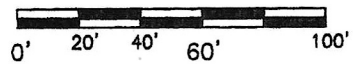
PROPOSED WATER TIGHT TANK 40' MIN FROM HIGH WATER BOLT

water

APPROX. BUILDING SEWER

Bay

SCALE: 1" = 60'



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

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LOUIS BLANKHARD

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20' FT.

PROPOSED 30 TYPE B43
TRANSVERSE GSF UNITS PLACED
IN 3 ROWS OF 10 SEPARATED
BY 12" FIVE CORNERS ARE STAKED
OUT. 4" DIA. PERF. PIPE

8-HOLE DISTRIBUTION
BOX SET ON FIRM, LEVEL
BASE. PROTECT FROM
FREEZING, FEED ROWS
EQUALLY.

2" PRESSURE LINE,
PROTECT FROM
FREEZING AND
CRUSHING.

TO
EXISTING
LIFT STATION
(SEE PAGE 2A)

4" SOLID
PIPE

EDGE OF
SAND

APPROX.
EDGE OF
FILL

38'-6"
262°
LEAP, NAIL
IN 6" DIA.

2" PRESSURE LINE
PROTECT FROM FREEZING

PROPOSED WATER TIGHT
1000 GALLON TANK W/
LIFT STATION 50' MIN
FROM HIGH WATER

4" BUILDING SEWER

PROPOSED REMOTE
BEDROOM BATHROOM,
NO KITCHEN.

SCALE: 1" = 20'

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

NOTE:

SEE ALL NOTES
PAGES 2 AND 2A.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	15'-16"	Finished Grade Elevation	-41"			Location & Description	NAIL 65"
Depth of Backfill (Downslope)	15'-20"	Top of Distribution Pipe or Proprietary Device	-49"		N/A		ABOVE GROUND IN A
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field (GSF UNITS)	-60"				6" DIA. MAPLE
						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. All work done adjacent to wetlands, water bodies and water courses 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).
4. Install water tight risers of appropriate size to within 6" of finished grade on tank inlet, cleanout and outlet covers; (recommend all to finish grade). Install water tight risers of appropriate size to finish grade on outlet, tank covers, which house a filter, in-tank pump chambers and separate pump tanks. (Section 6-F of the subsurface code).
5. Protect lift stations, pump tanks and 2" pressure lines from freezing.

W. C. 24
Site Evaluator's Signature

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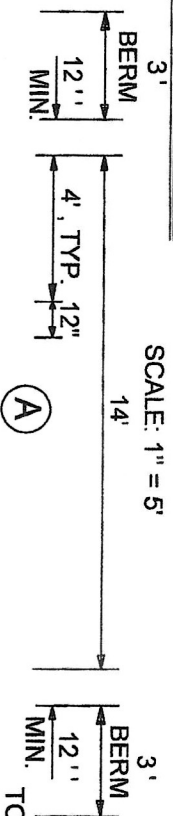
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TRANSVERSE GSF UNITS CROSS SECTION

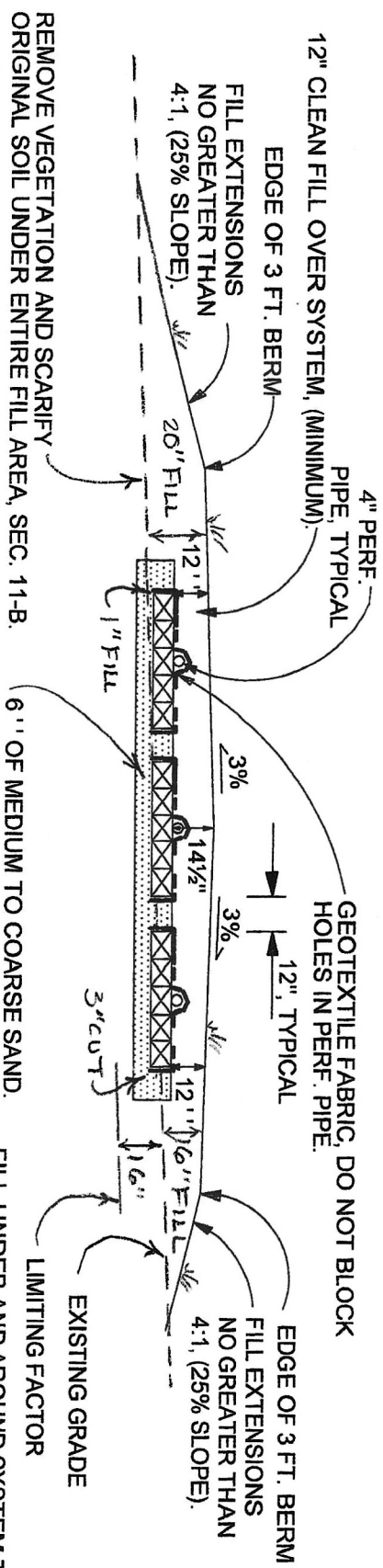
SCALE: 1" = 5'

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



FILL MATERIAL SHALL BE 8"-12" THICK
OVER GSF UNITS 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.



REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

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

FINISHED GRADE: -41"
TOP OF PIPE: -49"
TOP OF GSF UNITS: -53"
BOTTOM OF GSF UNITS: -60"
BOTTOM OF SAND: -66"

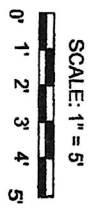
6" OF MEDIUM TO COARSE SAND.
BOTTOM OF GSF UNITS MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.

FILL UNDER AND AROUND SYSTEM TO BE
COARSE GRAVELLY SANDS.

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.

OWNER: LOUIS BLANCHARD
LOCATION: MILBRIDGE



DOC20

WILLIAM A. LABELLE, JR.

S.E.#

DATE

W.A. Labelle, Jr.

319

4-16-22 5-29-22