

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	SOUTHWEST HARBOR	Town/City	Southwest Harbor Permit # 1771
Street or Road	70 FREEMAN RIDGE ROAD	Date Permit Issued	8/21/2020 Fee \$ 285.00 Double Fee Charged ()
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 1333
OWNER/APPLICANT INFORMATION		Fee: \$ 62.50 state min. fee \$ 187.50 Locality adopted fee	
Name (last, first, MI)	BOISVERT, BONNIE	Copy: ☐ Owner ☐ Town ☐ State	
Mailing Address of	P.O. BOX 1099	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.	
☐ Owner ☐ Applicant	SOUTHWEST HARBOR, ME 04679		
Daytime Tel. #	(207) 244 - 0230	Municipal Tax Map #	014 Lot # 007
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.	
<i>[Signature]</i> Signature of Owner or Applicant		(1st Date Approved)	
Date		Local Plumbing Inspector Signature (2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
☐ 1. First Time System ☐ 2. Replacement System Type Replaced: _____ Year Installed: _____	☐ 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	☐ 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 40,000 sq. ft. acres	DISPOSAL SYSTEM TO SERVE	TYPE OF WATER SUPPLY
SHORELAND ZONING ☐ Yes ☐ No	☐ 1. Single Family Dwelling Unit, No. of Bedrooms: 3 ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: (SPECIFY) _____	☐ Proposed ☐ Existing ☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other: _____
	Current Use: ☐ Seasonal ☐ Year Round ☐ Undeveloped	

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	DISPOSAL FIELD TYPE & SIZE ☐ 1. Stone Bed ☐ 2. Stone Trench ☐ 3. Proprietary Device 12 SIDE FEED CONCRETE CHAMBERS ☐ a. Cluster Array ☐ c. Linear ☐ b. Regular load ☐ d. H-20 load ☐ 4. Other: _____ SIZE 924 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
SOIL DATA & DESIGN CLASS PROFILE CONDITION 3 I/D/III at Observation Hole # 1 Depth 10" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING ☐ 1. Medium - 2.5 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° 14' 10" N Lon. 68° 57' 07" W if g.p.s., state magnitude of error 3.0'

SITE EVALUATOR STATEMENT

I certify that on 8-18-2020 (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).

<i>[Signature]</i> Site Evaluator Signature	319	8-18-20
WILLIAM A. LABELLE, JR.	SE#	Date
Site Evaluator Name Printed	(207) 537 - 5900	labelleseptic@rivah.net
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-B-6
(207) 287-6070 FAX (207) 287-4172

Town, City, Plantation
SOUTHWEST HARBOR

Street, Road, Subdivision
FREEMAN RIDGE ROAD

Owner or Applicant Name
BONNIE BOISVERT

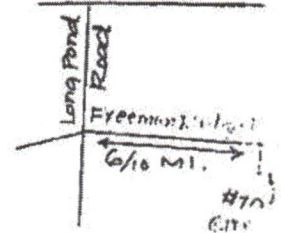
SITE PLAN

Scale 1" = 40 F.

(SEE ATTACHED SITE PLAN)

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

RT. 102



← PITS FROM 2007 →

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

6" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		BLACK	N.E.
EXTREMELY		TO	
STONY	FRIABLE	VERY	COMMON
LOAM		DARK	DISTINCT
		BROWN	
	POSSIBLE	LEDGE	

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile 3 Classification D/A III Slope 5% Limiting Factor 10"
Condition Condition Depth

☒ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

Observation Hole #2 ☒ Test Pit ☐ Boring

4" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		BLACK	N.E.
EXTREMELY		REDDISH	
COBBLY	FRIABLE	BROWN	COMMON
LOAM		TO	DISTINCT
		STRONG	
		BROWN	
	POSSIBLE	LEDGE	

DEPTH BELOW MINERAL SOIL SURFACE (inches)

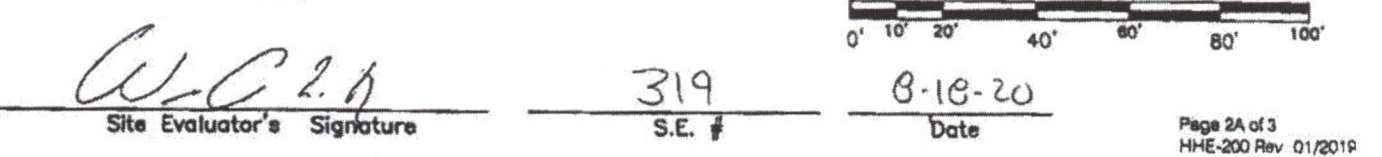
Soil Profile 3 Classification D/A III Slope 9% Limiting Factor 10"
Condition Condition Depth

☒ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

W.C. 2.1
Site Evaluator's Signature

319
S.E.#

8-18-20
Date



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Town, City, Plantation

SOUTHWEST HARBOR

Street, Road, Subdivision

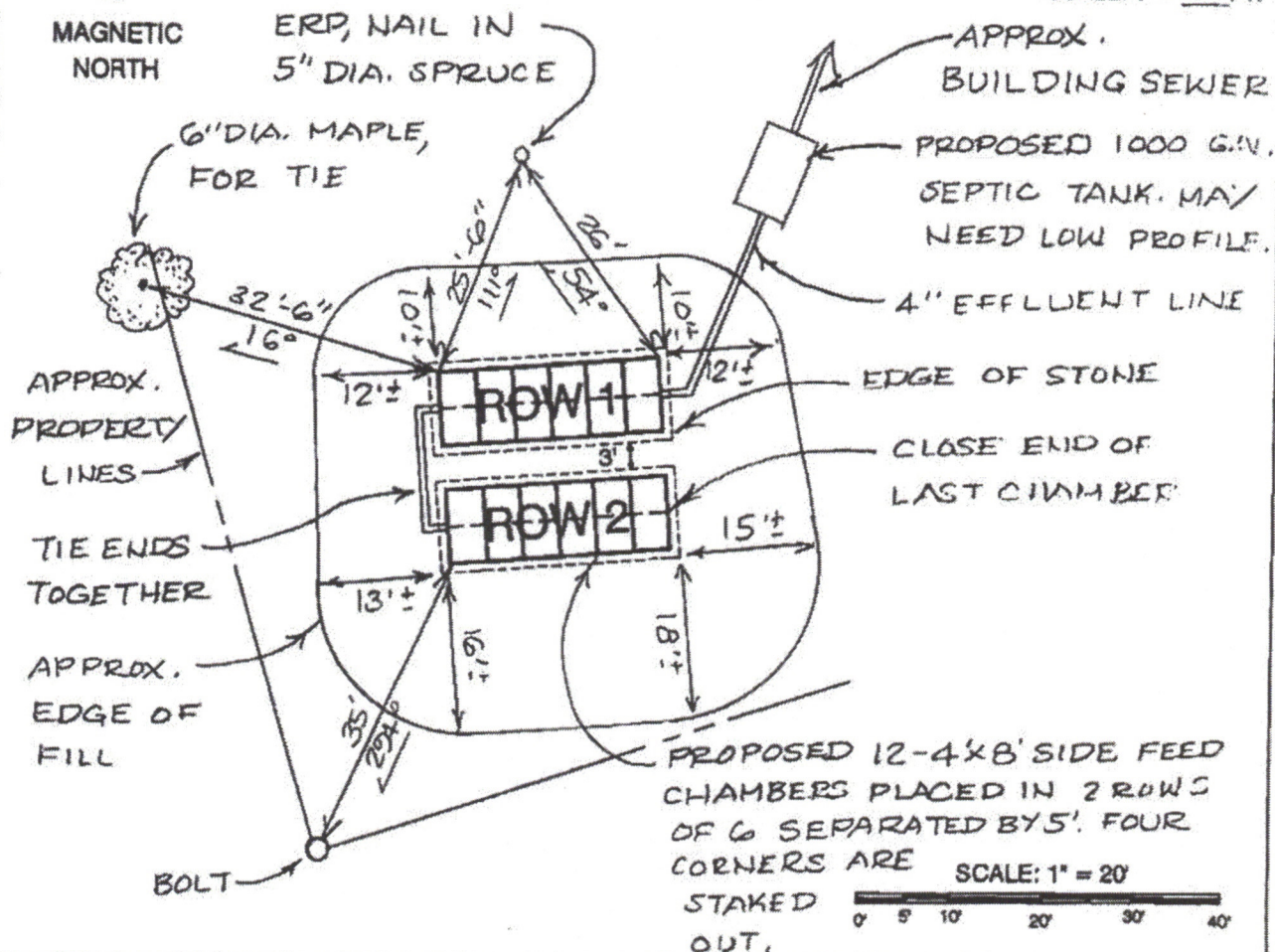
FREEMAN RIDGE ROAD

Owner or Applicant Name

BONNIE BOISVERT

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM	PRIVY	ELEVATION REFERENCE POINT	
Depth of Backfill (Upelope)	27 1/2"	Finished Grade Elevation		(See		Location & Description	NAIL 5"
Depth of Backfill (Downslope)	31"-35"	Top of Distribution Pipe or Proprietary Device	Attached	NA		ABOVE GROUND IN A	
Depths @ cross-section shown below or on X-sec. detail		Bottom of Disposal Field	X-sec.)			5" DIA. SPRUCE	
						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" (DEPWO588).
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. 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.

Site Evaluator's Signature

S.E. #

Date

Page 3 of 3
HHE-200 Rev. 01/2019

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. 11-G.

FILL EXTENSIONS
NO GREATER THAN
4:1, (25% SLOPE).

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

4' x 8' CHAMBER

**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 6 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP):

0"

FINISHED GRADE:	ROW 1
TOP OF CHAMBERS:	(CROWN - 35")
BOTTOM OF CHAMBERS:	-47"
	-60"

ROW 2
 $(-49'' \text{ MIN.})$
 $\frac{-57''}{-70''}$

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: BONNIE BOLSVERT

LOCATION: SOUTHWEST HARBOR

SCALE: 1" = 5'

Q-18-20

310

DOC20

WILLIAM A. LABELLE JR.

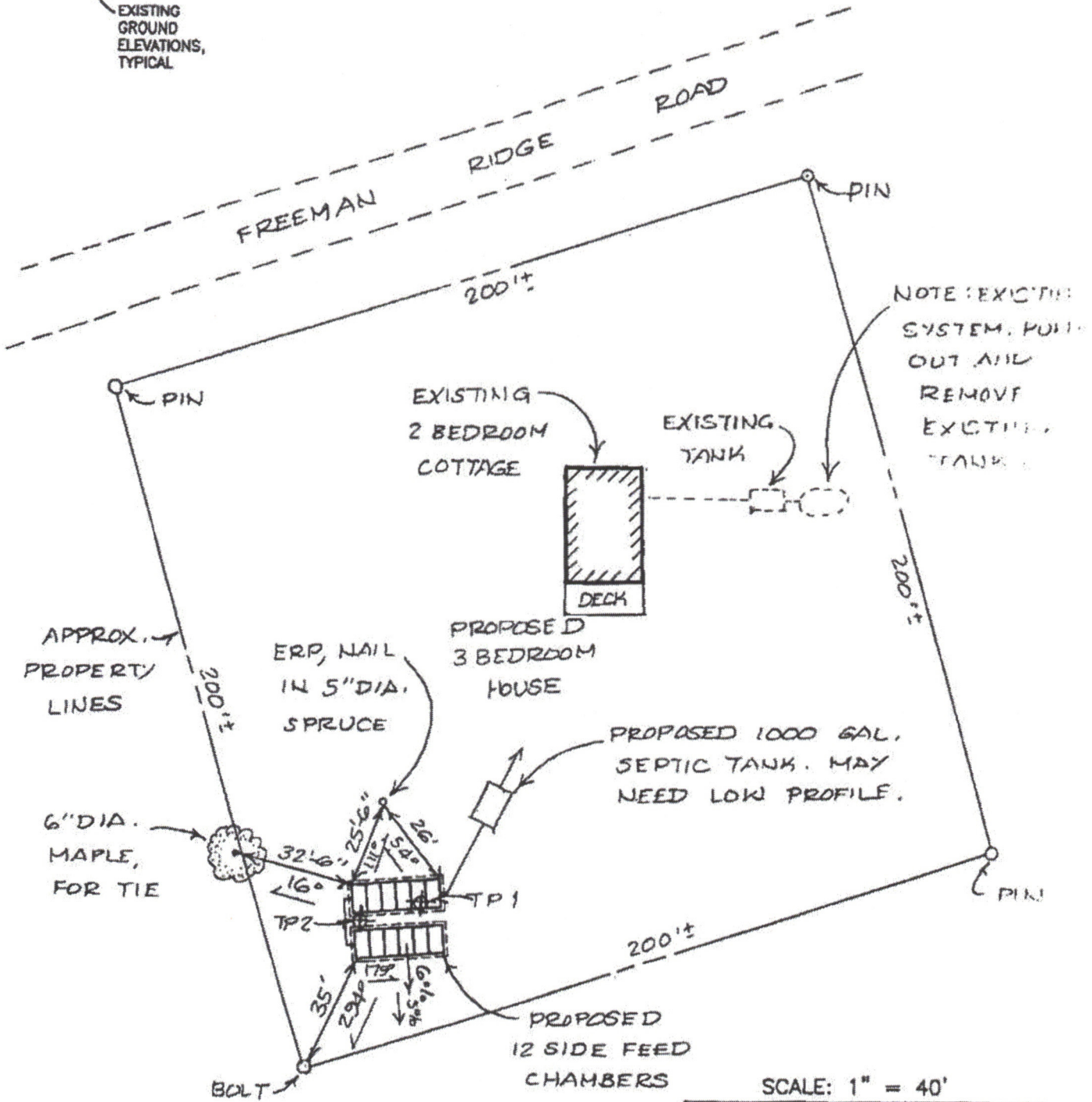
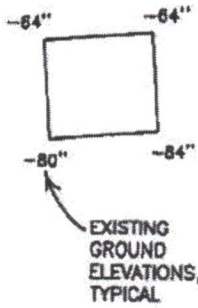
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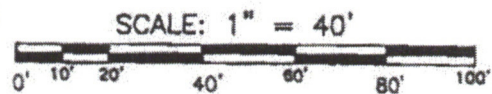
Town, City, Plantation SOUTHWEST HARBOR	Street, Road, Subdivision FREEMAN RIDGE ROAD	Owner or Applicant Name BONNIE BOISVERT
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SITE PLAN:

SCALE: 1" = 40 FT.



NOTE: EXISTING SYSTEM. PULL OUT AND REMOVE EXISTING TANK.



W.C. 2.1
Site Evaluator's Signature

319
S.E. #

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Date