



City of Gardiner
Planning Board Review Application

Project Name: Roak/Parker camp modifications Project Cost: 30k-50k

Date of submission: March 15, 2024 Received by: _____ Fees: _____

A complete written description of the proposed project including all other local, state and federal permits required for the project.

The applicant is proposing to lift, level and put a new foundation under the existing camp. They are expanding the camp as shown on the submitted plans utilizing the 30% increase on the gable end away from Pleasant Pond.

Anticipated beginning/completion dates of construction: Spring 2024/Fall 2024

1. General Information: (6.3.2)

Name of Property Owner: Becky Roak & Mary Parker

Address: 29 Meadowbrook Road Brunswick, ME 04011

Phone/Fax No: 207-272-0677

Applicant/Agent Name: Jim Coffin (ES Coffin)

Address: 432 Cony Road Chelsea, Maine 04330

Phone/Fax No: 207-623-9475/207-623-0016

Design Professional(s)/Contractor(s): Surveyor Engineer Architect Contractor

Name: Jim Coffin (ES Coffin)

Address: 432 Cony Road Chelsea, Maine 04330

Phone/Fax No: 207-623-9475/207-623-0016

Name: _____

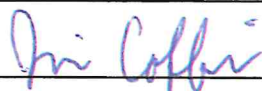
Address: _____

Phone/Fax No _____

Name: _____

Address: _____

Phone/Fax No _____

Signature:  Date: March 14, 2024

2. Property Information: (6.3.2)

- * Property Location: **18 Camp Ruth Trail** City Tax Map(s): **1A** Lot(s): **10**
- * Deed Ref: Book: **12295** Page: **265** Zoning District(s): **Rural/Shoreland**
- * Copy of the tax map showing the property and surrounding location.
- * Verification of the applicant's right, title, and interest in the property.

3. Development Information: (6.3.2.7)

One or more site maps drawn to scale showing the following:

a.) The existing conditions on the property including: (6.3.2.7.1)

1. The property boundaries;
2. The zoning district and zoning district boundaries if the property is located in more than one zone;
3. The location of required setbacks, buffers and other restrictions;
4. The location of any easements or rights-of-way;
5. The locations of existing structures and other existing improvements on the property including a description of the current use of the property;
6. The locations of existing utilities on and adjacent to the property including sewers, water mains, stormwater facilities, gas mains, and electric and other telecommunication facilities;
7. The location of the nearest source of a fire protection water supply (hydrant, fire pond, etc.)
8. The general topography of the property indicating the general slope of the land and drainage patterns. The CEO and/or Planning Board may require a topographic survey of all or a portion of the property for projects involving the construction of new or expanded structures or site modifications.
9. The location, type and extent of any natural resources on the property including wetlands, vernal pools, floodplains, waterbodies, significant wildlife habitats, rare or endangered plants or animals, or similar resources; and
10. The location and type of any identified historic or archeological resource on the property.

b.) The proposed development activity for which approval is requested including: (6.3.2.7.2)

1. The estimated demand for water supply and sewage disposal together with the proposed location and provisions for water supply and wastewater disposal including evidence of soil suitability if on-site sewage disposal is proposed;
2. The direction of proposed surface water drainage across the site and from the site together with the proposed location of all stormwater facilities and evidence of their adequacy;
3. The location, dimensions, and ground floor elevations of all proposed buildings and structures including expansions or modifications to existing buildings that change the footprint of the building;

4. The location, dimensions and materials to be used in the construction of drives, parking areas, sidewalks and similar facilities;
5. The proposed flow of vehicular and pedestrian traffic into and through the property;
6. The location and details for any signs proposed to be install or altered;
7. The location and details for any exterior lighting proposed to be installed or altered;
8. Provisions for landscaping and buffering; and
9. Any other information necessary to demonstrate compliance with the review criteria or other standards of the Land Use Ordinance.

c.) Evidence that the applicant has or can obtain all required permits necessary for the proposal. (6.3.2.8)

Additional Information Required: (6.3.3)

Building and structure drawings showing the footprint, height, front, side and rear profiles and all design features necessary to show compliance with this Ordinance;

An estimate of the peak hour and average daily traffic to be generated by the project and evidence that the additional traffic can be safely accommodated on the adjacent streets;

An erosion and sedimentation control plan; and

A stormwater management plan demonstrating how any increased runoff from the site will be handled if the project requires a stormwater permit from the Maine Department of Environmental Protection or if the Planning Board determines that such information is necessary based on the scale of the project and the existing conditions in the vicinity of the project. (6.3.3.4)

Survey Requirements (6.3.5)

The Code Enforcement Officer or the Planning Board may require the applicant to submit a survey of the perimeter of the tract, giving complete descriptive data by bearing and distances, made and certified by a Registered Land Surveyor. The survey may be required for the construction of new structures or any construction proposed on a undeveloped parcel or tract of land, whenever the Code Enforcement Officer or the Planning Board finds that a survey is necessary to show compliance with the requirements of this Ordinance due to the size of the lot, location of the lot or the placement of existing or proposed structures on the lot or neighboring properties.

Additional Studies (6.3.6)

The Code Enforcement Officer or the Planning Board may require the applicant to perform additional studies or may hire a consultant to review the application or portions thereof. The cost to perform additional studies or hire a consultant shall be borne by the applicant.

4. Review Criteria (6.5.1)

An applicant shall demonstrate that the proposed use or uses meet the review criteria listed below for the type of application. The Code Enforcement Officer and/or the Planning Board shall approve an application unless one or the other of them makes a written finding that one or more of the following criteria have not been met.

6.5.1.1 The application is complete and the review fee has been paid.

The application is complete and the review fee has been submitted.

6.5.1.2 The proposal conforms to all the applicable provisions of this Ordinance.

The project conforms to all applicable provisions of the LUO.

6.5.1.3 The proposed activity will not result in water pollution, erosion or sedimentation to water bodies.

All pertinent erosion and sediment control devices will be installed adjacent to Pleasant Pond.

6.5.1.4 The proposal will provide for the adequate disposal of all wastewater and solid waste.

There is an existing septic field already in place.

6.5.1.5 The proposal will not have an adverse impact upon wildlife habitat, unique natural areas, shoreline access or visual quality, scenic areas and archeological and historic resources.

There are not any deer wintering areas or Inland Water Fowl- Wading Bird Habitats on site according to the City's On-Line Mapping. The camp has no historical value.

6.5.1.6 The proposal will not have an adverse impact upon waterbodies and wetlands.

The camp is close to Pleasant Pond, but with proper erosion control there will not be any adverse impacts to the waterbody. No wetlands will be impacted by this project.

6.5.1.7 The proposal will provide for adequate storm water management.

Stormwater runoff will remain unchanged by the project.

6.5.1.8 The proposal will conform to all applicable Shoreland Zoning requirements.

The project is within Shoreland Zoning and the applicant is proposing a 30% addition onto the south side of the camp. Since the camp has never been expanded this is allowed under the shoreland zoning requirements.

6.5.1.9 The proposal will conform to all applicable Floodplain Management requirements.

The project is within the 100-year flood elevation and a Firmette is included.

6.5.1.10 The proposal will have sufficient water available to meet the needs of the development.

The existing camp draws water from the lake for bathing.

6.5.1.11 The proposal will not adversely affect groundwater quality or quantity.

A well is not proposed and the septic system is already in place and groundwater quality & quantity will not be adversely affected with the proposed project.

6.5.1.12 The proposal will provide for safe and adequate vehicle and pedestrian circulation in the development.

The existing camp is used for residential and there is a driveway that extends down into the site.

6.5.1.13 The proposal will not result in a reduction of the quality of any municipal service due to an inability to serve the needs of the development.

The camp is existing and the project will have any negative impacts to the public works department.

6.5.1.14 The applicant has the adequate financial and technical capacity to meet the provisions of this Ordinance.

E.S. Coffin Engineering & Surveying has the technical ability to complete the project. The applicant has engaged with a contractor who will perform the necessary work needed.



**CITY OF
GARDINER**
KENNEBEC CO.
MAINE



LEGEND

- Lot/Block
- Private Right of Way
- Subdivided Line
- Transportation Line (ROW)
- Water Stream or Pond
- Railroad
- Flood
- Storm Line
- Building
- Parcel

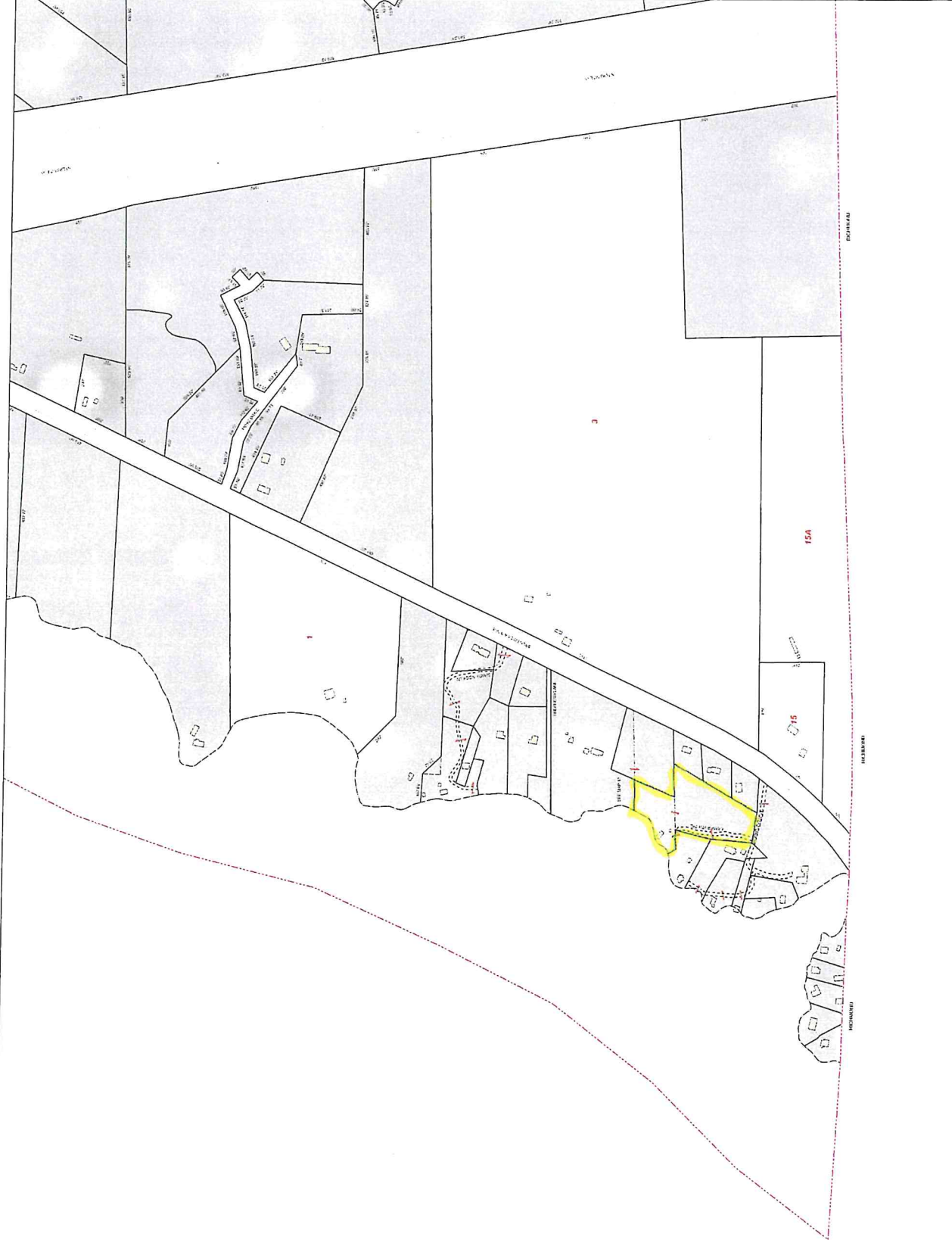
For Assessment Purposes, Not
to be used for correspondence.

Comerstone
Aerial & GIS Services



Map 1

Drawn 8/13/2021
Effective Date: 8/1/2021





**TRANSFER
 TAX
 PAID**

WARRANTY DEED

Know all men by these presents,

That we, **ARLINE J. O'BRIEN** and **MICHAEL F. O'BRIEN** of Waikoloa, County of Hawaii and State of Hawaii, for consideration paid, grant to **REBECCA A. ROAK** and **MARY P. PARKER** both of 29 Meadowbrook Road, Brunswick, Maine 04011, with Warranty Covenants, as joint tenants and not as tenants in common, the following described property:

Two certain lots or parcels of land with the buildings thereon, if any, situated in Gardiner, County of Kennebec and State of Maine, and bounded and described as follows:

PARCEL I: Commencing at a pin on the southwesterly corner of land conveyed in November 1978 to Lloyd F. Monroe and Anne H. Monroe and recorded in Kennebec County Registry of Deeds; thence in a northerly direction one hundred and eighty (180) feet, more or less, along the westerly border of land owned by the said Lloyd F. Monroe and Anne H. Monroe; thence westerly two hundred and eighty (280) feet, more or less, to Pleasant Pond; thence southerly along said Pond to a pin; thence easterly three hundred and thirty (330) feet, more or less, to a pin at the point of beginning. Together with a right-of-way across land formerly of W. J. Hickey to the Brunswick Road, so-called.

Meaning and intending to convey the same premises conveyed to the grantors herein by deed of Fred A. Monroe and Ruth A. Monroe dated August 9, 1979 and recorded in the Kennebec County Registry of Deeds in Book 2231, Page 5.

PARCEL II: Also another lot or parcel of land with the buildings thereon, if any, situated in Gardiner, County of Kennebec and State of Maine, and bounded and described as follows:

Beginning at the most Westerly corner of a certain lot or parcel of land conveyed by Leon G. Bowie et al to Schoppe Associates by deed recorded in the Kennebec County Registry of Deeds in Book 1877, Page 43 at an iron pin; thence N 53°-23' W approximately 135'; more or less, to land now or formerly of Isaac F. Davis et al; thence N 40°-35' E along said land of Isaac F. Davis et al and land now or formerly of Frank K. Garr et al to an iron pin; thence N 28°-49' E 235.36' along other land of said Isaac F. Davis et al to a drill hole; thence S 60°-44' E along a stone wall and land now or formerly of Fred A. Monroe et al to an iron pin and the most Northerly corner of said Schoppe Assoc. land; thence S 60°-50 W 436.83' through two iron pins to an iron pin and the point of beginning.

Monroe

Deed from Arline J. O'Brien and Michael F. O'Brien to Rebecca A. Roak and Mary P. Parker
Page 2

Being the Northerly and Easterly portion of Lot #5 on Plan of Subdivision of Leon G. Bowie & Shirley J. Bowie made by Herbert R. Doten; Consulting Engineer, dated 11/24/76 and recorded in said Registry as Plan D-76150.

EXCEPTING AND RESERVING, however, from the above described premises all rights of way previously granted to other parties in and to the roads as now or formerly laid out across the above described premises, which rights of way are reserved for the benefit of said parties now entitled to use the same, their heirs and assigns. Some of said right of way being recorded in said Registry in Book 870, Page 164; Book 884, Page 198; Book 1328, Page 66; and Book 1310, Page 146; and Book 1963, Page 122.

Meaning and intending to convey the same premises conveyed to the grantors herein by deed of Andrew Michaud dated August 28, 1982 and recorded in the Kennebec County Registry of Deeds in Book 2500, Page 132.

IN WITNESS WHEREOF, Arline J. O'Brien and Michael F. O'Brien have set their hands and seals this 13th day of May, 2016.

Lisa G. B. Furtado
Witness

Arline J. O'Brien
Arline J. O'Brien

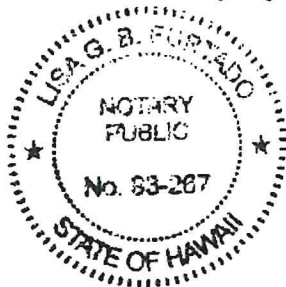
Sally
Witness

Michael F. O'Brien
Michael F. O'Brien

STATE OF HAWAII
County of Hawaii, ss.

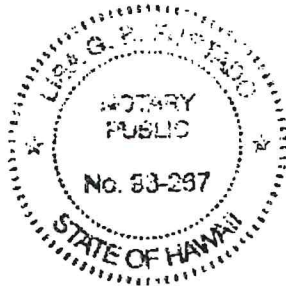
May 13, 2016

THEN PERSONALLY APPEARED the above named Arline J. O'Brien and Michael F. O'Brien and acknowledged the foregoing instrument to be their free acts and deeds.



Before me,

Lisa G. B. Furtado
Notary Public/Attorney at Law
Lisa G. B. Furtado
My Comm Exp 5/30/17



Doc. Date: 5/13/16 # Pages: 2
Notary Name: Lisa G. B. Furtado Third Circuit
Doc. Description: Warranty Deed
Lisa G. B. Furtado 5/13/16
Notary Signature Date

Client Name:

Becky Roak & Mary Parker

Project No.

24-014

Photo No. 1

Date: 2-5-2024

Site Location:

18 Camp Ruth Trail
Gardiner, Maine

Description:

Photo taken from the east side of the camp looking west at the camp.



Photo No. 2

Date: 2-5-2024

Site Location:

18 Camp Ruth Trail
Gardiner, Maine

Description:

Photo taken from the north side of the camp looking east at the camp and Pleasant Pond.



Client Name:

Becky Roak & Mary Parker

Project No.

24-014

Photo No. 3

Date: 2-5-2024

Site Location:

18 Camp Ruth Trail
Gardiner, Maine

Description:

Photo taken from the west side of the camp looking south at the shed adjacent to the camp.



Photo No. 4

Date: 2-5-2024

Site Location:

18 Camp Ruth Trail
Gardiner, Maine

Description:

Photo taken from the south side of the camp looking south at the hill adjacent to the camp.



Client Name:

Becky Roak & Mary Parker

Project No.

24-014

Photo No. 5

Date: 2-5-2024

Site Location:

18 Camp Ruth Trail
Gardiner, Maine

Description:

Photo taken from the south side of the camp looking south at the driveway and hill.



Photo No. 6

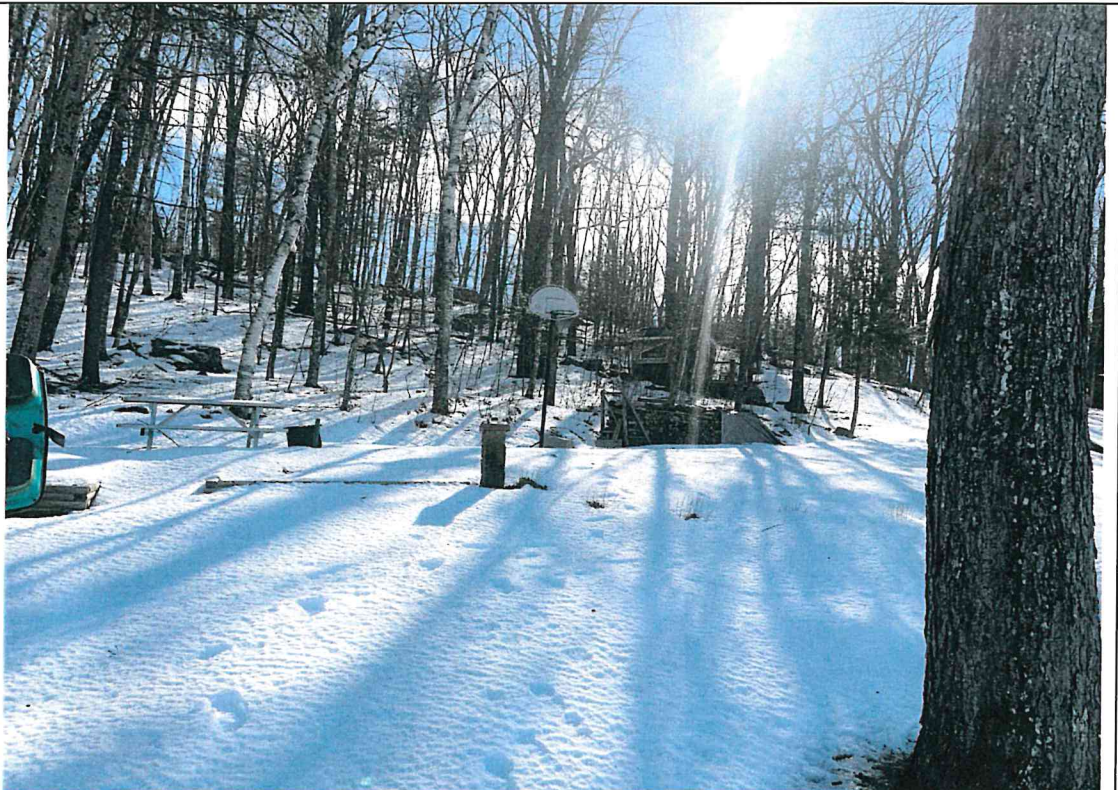
Date: 2-5-2024

Site Location:

18 Camp Ruth Trail
Gardiner, Maine

Description:

Photo taken from the east side of the camp looking south at the hill adjacent to the camp.



National Flood Hazard Layer FIRMette



9°51'10"W 44°10'21"N



69°27'33"W 44°09'55"N

Feet
2,000
1,500
1,000
500
250

1:6,000

Legend

SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

| SPECIAL FLOOD HAZARD AREAS | |
|----------------------------|---|
| | Without Base Flood Elevation (BFE) <i>Zone AE, Zone X</i> |
| | With BFE or Depth <i>Zone AE, Zone X, Zone A, Zone V, Zone D</i> |
| | Regulatory Floodway |
| | 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile |
| | Future Conditions: 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | Area with Flood Risk due to Levee <i>Zone X</i> |
| | Area of Minimal Flood Hazard <i>Zone X</i> |
| | Effective LOMRS |
| | Area of Undetermined Flood Hazard <i>Zone X</i> |
| OTHER AREAS | |
| | Channel, Culvert, or Storm Sewer |
| | Levee, Dike, or Floodwall |
| GENERAL STRUCTURES | |
| | Cross Sections with 1% Annual Chance Water Surface Elevation |
| | Coastal Transect |
| | Base Flood Elevation Line (BFE) |
| | Limit of Study |
| | Jurisdiction Boundary |
| | Coastal Transect Baseline |
| | Profile Baseline |
| | Hydrographic Feature |
| OTHER FEATURES | |
| | Digital Data Available |
| | No Digital Data Available |
| | Unmapped |
| | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. |

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/13/2024 at 12:21 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

MAP 1A LOT 10

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: GARDINER
Street:
Subdivision Lot #:

PROPERTY OWNERS NAME

Last: O'BRIEN First: Michael

Applicant Name:

Mailing Address of Owner/Applicant (if different):
RT 1 Box 557
BRUNSWICK RD

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit

Beetha A. Monroe
Signature of Owner/Applicant

11/15/97
Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Local Plumbing Inspector Signature

Date Approved

GARDINER Caution: Permit Required PERMIT # 483 STATE COPY

The Subsurface Wastewater Disposal System does not require a permit if it meets the following criteria:

Date Permit Issued: 11/15/97 Fee: \$100.00 Double Fee Charged

John H. Williams L.P.I. # 907
Local Plumbing Inspector Signature

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- 1. NEW SYSTEM
- 2. REPLACEMENT SYSTEM
- 3. EXPANDED SYSTEM
- 4. SEASONAL CONVERSION
- 5. EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- 1. NO RULE VARIANCE REQUIRED
- 2. NEW SYSTEM VARIANCE
Attach New System Variance Form
- 3. REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
- 3. Requiring Local Plumbing Inspector Approval
- 4. Requires State and Local Plumbing Inspector Approval

INSTALLATION IS: COMPLETE SYSTEM

- 1. NON-ENGINEERED SYSTEM
 - 2. PRIMITIVE SYSTEM (Includes Alternative Toilet)
 - 3. ENGINEERED (+ 2000 gpd)
- INDIVIDUALLY INSTALLED COMPONENTS:
- 4. TREATMENT TANK (ONLY)
 - 5. HOLDING TANK
 - 6. ALTERNATIVE TOILET (ONLY)
 - 7. NON-ENGINEERED DISPOSAL AREA (ONLY)
 - 8. ENGINEERED DISPOSAL AREA (ONLY)
 - 9. SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- 1. BED
- 2. CHAMBER
- 3. TRENCH
- 4. OTHER _____

DISPOSAL SYSTEM TO SERVE:

- 1. SINGLE FAMILY DWELLING
- 2. MODULAR OR MOBILE HOME
- 3. MULTIPLE FAMILY DWELLING
- 4. OTHER _____ SPECIFY _____

SIZE OF PROPERTY

ZONING

1⁺

Shoreland

TYPE OF WATER SUPPLY

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- 1. SEPTIC: Regular Low Profile
- 2. AEROBIC

SIZE: 1000 GALS

WATER CONSERVATION

- 1. NONE
 - 2. LOW VOLUME TOILET
 - 3. SEPARATED LAUNDRY SYSTEM
 - 4. ALTERNATIVE TOILET
- SPECIFY: _____

PUMPING

- 1. NOT REQUIRED
 - 2. MAY BE REQUIRED (DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
 - 3. REQUIRED
- DOSE: _____ GALS

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

180 GPD

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE: 3 CONDITION: D

DEPTH TO LIMITING FACTOR: 24"

SIZE RATINGS USED FOR DESIGN PURPOSES

- 1. SMALL
- 2. MEDIUM
- 3. MEDIUM-LARGE
- 4. LARGE
- 5. EXTRALARGE

DISPOSAL AREA TYPE SIZE

- 1. BED 594 Sq. Ft.
- 2. CHAMBER _____ Sq. Ft.
- REGULAR H-20
- 3. TRENCH _____ Linear Ft.
- 4. OTHER _____

DESIGN FLOW: _____ (GALLONS/DAY)

SITE EVALUATOR STATEMENT

R0633 30.00 0252.10.00

SITE EVALUATION WAIVED BY LOCAL OPTION

On _____ (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature

SE#

Date

Replacement System Variance Request

SEP 01 1988

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an Application for the proposed replacement system which is in noncompliance with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements with LPI approval limitations can be met.

1. The replacement system is correcting a malfunction or an unlicensed wastewater discharge system.
2. A replacement system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system does not conflict with Seasonal Conversion Permit (30 MRSA § 3223) or with Mandatory Shoreland Zoning (12 MRSA § 4811).
6. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

GENERAL INFORMATION

Town of Gardiner, Maine

Town Code

Permit No. E

Date Permit Issued _____ month/day/yr.

Property Owner's Name: Michael O'Brien Tel. No. 582-3410

System's Location: Rt #1 Box 557 Brunswick Road
Street

Gardiner
Town

MAINE Maine
Zip
04345

Property Owner's Address: (if different from above) SAME
Street

Town

State

Zip

Specific Instructions to the:

LPI: If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature)

Site Evaluator: If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

Property Owner: It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The Owner shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

X H. Mance
Property Owner's Signature

X 8-25-88
Date

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

CITY LOCATION

Cardiner
DEITY OWNER or APPLICANT

Town, Plantation

Brunswick
Street, Road

N/A

N/A

Subdivision Name

Lot No. **Block on large block**

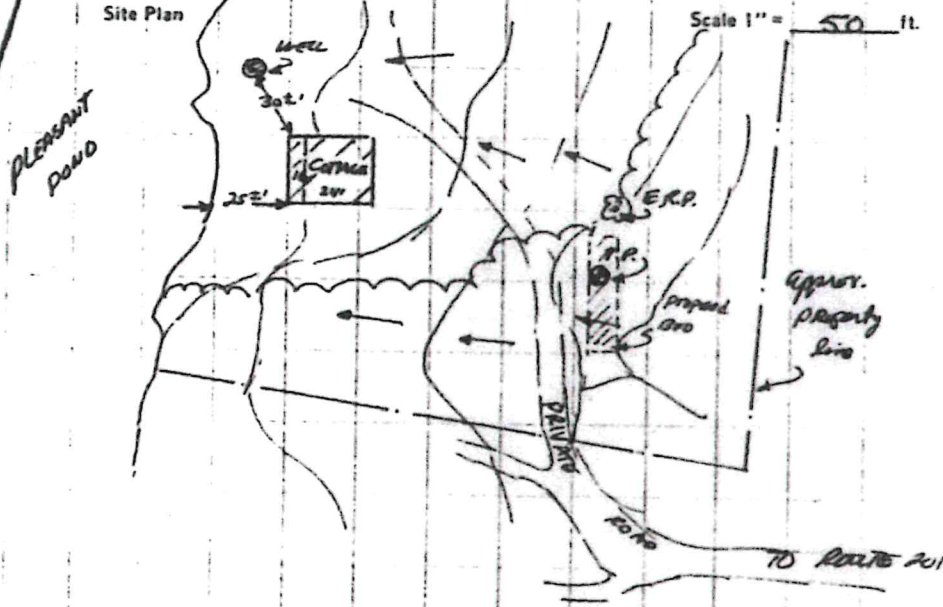
DISPOSAL AREA ELEVATION

Depth of Upland Fill required **18** inches
Depth of Downslope Fill required **36** inches

Reference Elevation Point established **Level with bed**
Disposal Area to be established **Level with bed**
Top of Distribution Lines or Trench Channels **12" Below**

Michael O'Brien

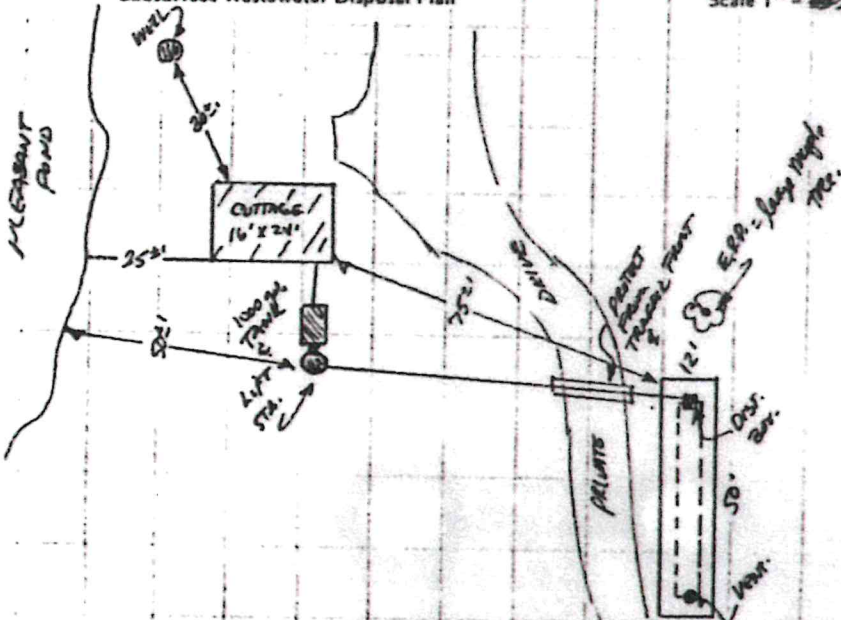
Site Plan



● Designates Elevation Reference Point (ERP) ○ Designates Observation Hole (TP or B)

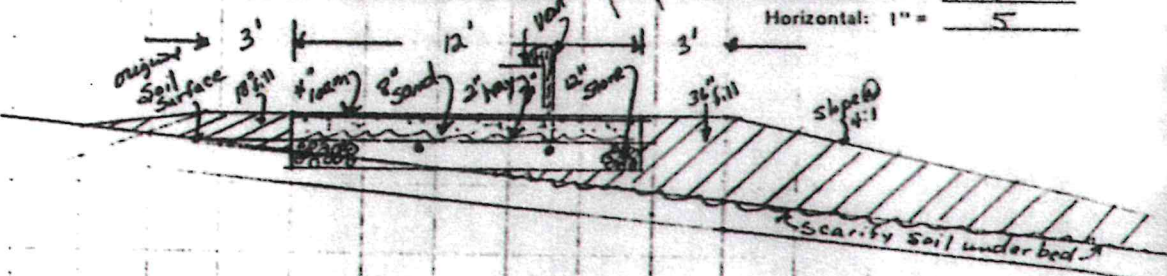
Subsurface Wastewater Disposal Plan

Scale 1" = ~~30'~~ **30'**



Subsurface Wastewater Disposal Area Cross-section

Scale: Vertical: 1" = 5
Horizontal: 1" = 5



Site Engineer Signature

Stephen E. Hooker

Date **April 25, 1983**

License Number

65

| Variance Category | Variance Requested | Limit of LPI's Approval Authority | | Variance Requested | |
|---|---------------------------|-----------------------------------|---------------|----------------------------------|---------------|
| Soils Soil Profile Soil Condition from HHE-200 | Ground Water Table | to 6" | | 12 ±" inches | |
| | Restrictive Layer | to 6" | | inches | |
| | Bedrock | to 10" | | inches | |
| Setback Distances (in feet) | From: | Treatment Tank | Disposal Area | Treatment Tank | Disposal Area |
| Potable Water Supplies | 1. Well: > 2000 gal/day | 100a | 300a | | |
| | 2. Well: < 2000 gal/day | | | | |
| | a. Neighbor's | 100b | 100b | | |
| | b. Property Owner's | 50' | 60' | | |
| | 3. Water Supply Line | See Note 'a' | | | |
| Waterbodies | 1. Perennial | 60' | 60' | 50 ±' - MUST BE TESTED FOR WATER | |
| | 2. Intermittent | 25' | 25' | | |
| | 3. Manmade drainage ditch | 15' | 15' | TIGHTNESS | |
| Downhill Slope | Greater than 3:1 (33%) | 5' | 10' | | |
| Buildings | 1. With basement | See Note | 15' | | |
| | 2. Without basement | 'a' | 10' | | |
| Property Line | | 5' | 5' | | |

Other Specify:

Keep system 6" into ground on upslope side in order to get good soil contact most of system will have 12" or > separation. Due to 10% slope @ landfill site

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. A variance to reduce the 100 foot setback distance to a minimum of 80 feet may be granted only with the neighbor's written permission.
- c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

Stephen E. Godwin
Site Evaluator's Signature

April 25, 1983
Date

LPI Statement

I, William NAT PAUER, LPI for the Town of GARDNER have conducted an on-site inspection for the proposed replacement system and have determined, to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

- a. (approve, do not approve) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant.
- or:
- b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: Note: The Soil Elev. Will Have To Re-MARK THE BOUNDARIES OF THE SYSTEM.

Dillingham
LPI's Signature

8/30/89
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.

* A NEW ERP MUST BE ESTABLISHED BY A SITE EVALUATOR/OR

Bruce M. Carthy WADPC
Signature of the Department

OCTOBER 24, 1985
Date

SYSTEM MUST BE DESIGNED, - STEVE GOLDWIN NO LONGER HAS A LICENSE HHE-204 RV7/80

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

04333

For New System Replacement Of Entire System Expanded System Replacement Of Disposal Area Only Conversion Permit

Variances: None Required Replacement System Variance With LPI Approval Dept Review New System Variance

LOCATION: Pleasant Pond Street, Road

Subdivision Name: N/A Lot No: N/A

OWNER OR APPLICANT: Del O'Brien

Address: 582-3410 Brunswick Rd

City: Wasson State: Maine Zip Code: 04345

TYPE OF STRUCTURE, DESIGN FLOW

Single Family Dwelling Number of Bedrooms: 1 Design Flow: 180 GPD

Design Flow based on: Minimum Moderate Conservative

Reduction in Design Flow due to Water Conservation

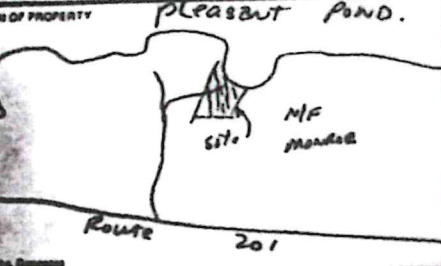
If so, specify type (a): Seasonal Cottage

Other Establishment: Specify: N/A Type of Facility: _____

(Number of Employees, Seating Capacity, Building Size, etc.)

Design Flow: _____ GPD

If greater than 2000 GPD, Specify Professional Engineer



PROPERTY INFORMATION

Area of Property: 1± Sq. Ft. Acres Acre Nor Zone

If zoned, type of zoning: Shoreland

Property on Water Body, if so, Name of Water Body: Pleasant Pond

Water Supply is: Public Utility, Drilled Well _____ depth, Dug Well 8' depth, Well Point, Spring, Surface Water

not drinking

| PILE DESCRIPTION | | Location of Observation Holes shown on page 2 | |
|---|---|---|---|
| Observation Hole No. | Test Pit <input type="checkbox"/> Boring <input type="checkbox"/> | Observation Hole No. | Test Pit <input type="checkbox"/> Boring <input type="checkbox"/> |
| 1st Original Mineral Soil Strata | Thickness: <u>0</u> | 1st Original Mineral Soil Strata | Thickness: _____ |
| 2nd | Thickness: <u>26</u> | 2nd | Thickness: _____ |
| 3rd | Thickness: <u>24</u> | 3rd | Thickness: _____ |
| 4th | Thickness: _____ | 4th | Thickness: _____ |
| Total Depth of Observation Hole: <u>26</u> | | Total Depth of Observation Hole: _____ | |
| Maximum Seasonal High Ground Water Table Depth: <u>12</u> | | Maximum Seasonal High Ground Water Table Depth: _____ | |
| Depth to Restrictive Layer: <u>24</u> | | Depth to Restrictive Layer: _____ | |
| Depth to Bedrock: _____ | | Depth to Bedrock: _____ | |
| PROFILE | CONDITION | SLOPE | PROFILE |
| <u>3</u> | <u>0</u> | <u>12%</u> | <u>9/10</u> |

SYSTEM PROPOSED Location of system and Details on Proposed Plan on page 2

| | | |
|---|---|---|
| <p>TREATMENT TANK</p> <p><input checked="" type="checkbox"/> Septic Tank</p> <p><input type="checkbox"/> Aerobic Tank</p> <p>Size: <u>1000</u> Gals.</p> <p>DESIGNS</p> <p><input type="checkbox"/> Pumping is not required</p> <p><input checked="" type="checkbox"/> Pumping is required</p> <p>The discharge should be: _____ Gals.</p> <p>Storage chamber capacity: _____ gals.</p> <p><input type="checkbox"/> System should be raised</p> | <p>SUBSURFACE DISPOSAL AREA/TYPE</p> <p><input type="checkbox"/> Trench Disposal Area</p> <p>Total linear feet of trench: _____ ft.</p> <p>Number of Trench lines: <u>N/A</u></p> <p>Length of each trench line: _____ ft.</p> <p>Depth of Stone: _____ inches.</p> <p>Reduction on trench length due to stone depth: _____ %</p> <p><input checked="" type="checkbox"/> Bed Disposal Area</p> <p>Total bed area: <u>594</u> sq. ft.</p> <p>Number of beds: <u>1</u></p> <p>Width: <u>12</u> ft. Length: <u>50</u> ft.</p> <p><input type="checkbox"/> Chamber Disposal Area</p> <p>Total chamber area: _____ sq. ft.</p> <p>Number of clusters: <u>N/A</u></p> <p>Width: _____ ft. Length: _____ ft.</p> <p><input type="checkbox"/> H-20 required</p> | <p>SYSTEM SIZE RATING</p> <p><input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Medium Large <input type="checkbox"/> Large <input type="checkbox"/> Extra Large</p> <p>DISPOSAL AREA ELEVATION</p> <p>Depth of Upslope Fill required: <u>18</u> inches</p> <p>Depth of Downslope Fill required: <u>36</u> inches</p> <p>Reference Elevation Point: <u>Ribbon on large Maple tree</u></p> <p>Disposal Area location to be established at: <u>level with ribbon</u></p> <p>Top of Distribution Lines or Top of Ground: <u>12" Below 4.1.1.</u></p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: The proposed subsurface disposal area will be located at least 100 feet from any and all wells, springs, surface water bodies and courses (lake, pond, ocean, brook, stream, river), swamps, marshes, and bogs.</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: The proposed subsurface disposal area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.</p> |
|---|---|---|

I have inspected for this project was completed. I conducted this soil evaluation and certify the above information is true and correct to the best of my knowledge. I understand that any information provided to me is for the purpose of this permit and that the permit is valid for a six month period from the date of permit issuance. I also understand that no guarantee is intended or implied by reason of this report.

Signature of Site Evaluator: Stephen P. Goodwin License Number: 65

Date signed: April 25, 1983

Signature of Owner/Applicant: _____

Date Signed: _____

Signature of LPI: _____

PERMIT NO. [] [] [] [] [] []

Date Issued: / / 83