

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
PERMIT BY RULE NOTIFICATION FORM**

(For use with DEP Regulation, Natural Resources Protection Act - Permit by Rule Standards, Chapter 305)

APPLICANT INFORMATION (Owner)				AGENT INFORMATION (If Applying on Behalf of Owner)			
Name:				Name:			
Mailing Address:				Mailing Address:			
Mailing Address:				Mailing Address:			
Town/State/Zip:				Town/State/Zip:			
Daytime Phone #:	Ext:			Daytime Phone #:	Ext:		
Email Address:				Email Address:			
PROJECT INFORMATION							
Part of a larger project? (check 1):	<input type="checkbox"/> Yes <input type="checkbox"/> No	After the Fact? (check 1):	<input type="checkbox"/> Yes <input type="checkbox"/> No	Project involves work below mean low water? (check 1):	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name of waterbody:	
Project Town:			Town Email Address:			Map and Lot Number:	
Brief Project Description:							
Project Location & Brief Directions to Site:							

**PERMIT BY RULE (PBR) SECTIONS (Check at least one):** I am filing notice of my intent to carry out work that meets the requirements for Permit-by-Rule (PBR) under DEP Rules, [Chapter 305](#). I and my agent(s), if any, have read and will comply with all of the standards in the Sections checked below.

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Sec. (2) Act. Adj. to Prot. Natural Res. | <input type="checkbox"/> Sec. (9) Utility Crossing                 | <input type="checkbox"/> Sec. (16) Coastal Sand Dune Projects       |
| <input type="checkbox"/> Sec. (3) Intake Pipes                    | <input type="checkbox"/> Sec. (10) Stream Crossing                 | <input type="checkbox"/> Sec. (16-A) Beach Nourishment              |
| <input type="checkbox"/> Sec. (4) Replacement of Structures       | <input type="checkbox"/> Sec. (11) State Transportation Facilities | <input type="checkbox"/> Sec. (17) Transfer/Permit Extension        |
| <input type="checkbox"/> Sec. (6) Movement of Rocks or Veg.       | <input type="checkbox"/> Sec. (12) Restoration of Natural Areas    | <input type="checkbox"/> Sec. (18) Maintenance Dredging             |
| <input type="checkbox"/> Sec. (7) Outfall Pipes                   | <input type="checkbox"/> Sec. (13) F&W Creat./Water Qual. Improv.  | <input type="checkbox"/> Sec. (19) Act. Near SVP Habitat            |
| <input type="checkbox"/> Sec. (8) Shoreline Stabilization         | <input type="checkbox"/> Sec. (15) Public Boat Ramps               | <input type="checkbox"/> Sec. (20) Act. Near Waterfowl/Bird Habitat |

**NOTE: Municipal permits also may be required. Contact your local code enforcement office for information. Federal permits may be required for stream crossings and for projects involving wetland fill. Contact the Army Corps of Engineers at the Maine Project Office for information.**

**NOTIFICATION FORMS CANNOT BE ACCEPTED WITHOUT THE NECESSARY ATTACHMENTS AND FEE**

- Attach** all required submissions for the PBR Section(s) checked above. The required submissions for each PBR Section are outlined in Chapter 305 and may differ depending on the Section you are submitting under.
- Attach** a location map that clearly identifies the site (U.S.G.S. topo map, Maine Atlas & Gazetteer, or similar).
- Attach Proof of Legal Name** if applicant is a corporation, LLC, or other legal entity. Provide a copy of Secretary of State's registration information (available at <http://icrs.informe.org/nei-sos-icrs/ICRS?MainPage=x>). Individuals and municipalities are not required to provide any proof of identity.

**FEE:** Pay by credit card at the [Payment Portal](#). The Permit-by-Rule fee may be found here <https://www.maine.gov/dep/feeschedule.pdf> and is currently \$307.

- Attach** payment confirmation from the Payment Portal when filing this notification form.

**Signature & Certification:**

- I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife, and Marine Resources to access the project site for the purpose of determining compliance with the rules.
- I understand that this PBR becomes effective 14 calendar days after receipt by the Department of this completed form, the required submissions, and fee, *unless the Department approves or denies the PBR prior to that date.*

**By signing this Notification Form, I represent that the project meets all applicability requirements and standards in Chapter 305 rule and that the applicant has sufficient title, right, or interest in the property where the activity takes place.**

Signature of Agent or Applicant (may be typed):		Date:	
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**Keep a copy as a record of permit.** Email this completed form with attachments to DEP at: [DEP.PBRNotification@maine.gov](mailto:DEP.PBRNotification@maine.gov). DEP will send a copy to the Town Office as evidence of DEP's receipt of notification. No further authorization will be issued by DEP after receipt of notice. A PBR is valid for two years, except Section 4, "Replacement of Structures," are valid for three years. **Work carried out in violation of the Natural Resources Protection Act or any provision in Chapter 305 is subject to enforcement.**



December 18, 2023

To Whom it May Concern:

On behalf of Midcoast Solar, LLC, I hereby authorize Flycatcher, LLC, to act as Midcoast Solar's agent with respect to all permitting and regulatory matters pertaining to the proposed solar site to be located off of Route 1 in Newcastle, Maine (Map 3, Lot 24).

Sincerely,

A handwritten signature in black ink, appearing to read "N Curtis", written in a cursive style.

Nathaniel Curtis  
Managing Director

## State of Maine DEP Payment Receipt

**Contact Info** Sean Murphy - 106 Lafayette Street, Suite 2A, Yarmouth, ME, 04096  
(207) 400-6161  
sean@flycatcherllc.com

Product	Reference Number	Customer Number	Payment Amount	Comments
Natural Resources Protection Act	N/A		\$307.00	Midcoast Solar LLC - Newcastle

**Receipt ID:** 2435

**Transaction Date:** 12/22/2023 11:09:46 AM

### Transaction Summary

Payment	\$307.00
Service Fee	\$2.00
<b>Total</b>	<b>\$309.00</b>

**Thank you for your successful transaction.**

**If you have questions or concerns, please call (207) 287-7688**

**or Email:** [Payments.DEP@maine.gov](mailto:Payments.DEP@maine.gov)

[Print](#)

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## Attachment 1: Narrative and Photos

Midcoast Solar, LLC is providing the enclosed permit-by-rule (PBR) notification pursuant to Chapter 305, Section 11 of the Natural Resources Protection Act (NRPA) for a utility and stream crossing associated with the Newcastle Solar Project (Project). The Applicant is proposing to install and operate a 1.55 MWdc solar array off of Route 1 in Newcastle, Maine. The Project will include photovoltaic solar panels mounted on fixed-tilt racking, equipment pads, inverters and transformers, an access road and will connect to the local electric distribution network on Route 1. The limit of disturbance will be 11.96 acres, including the access road and fence surrounding the solar array.

## BACKGROUND

The proposed Project array is located approximately 1,500 feet to the southeast of US Route 1 (Route 1). The point of interconnection (POI) of the Project to the electric grid is to an existing utility line located along Route 1. The POI was determined by Central Maine Power based on the location and capacity of the pole. Site Plans are provided in Attachment 2 and a location map is provided as Attachment 3.

The Applicant initiated field studies at this site to determine the feasibility of constructing a solar project at this location. These studies documented the presence of wetlands, streams, and significant vernal pools. Following the resource studies, project engineers overlaid the wetland, stream and vernal pool locations on site topography in order to design the Project with minimal impact to natural resources. The solar arrays and associated equipment were sited entirely within upland areas thereby avoiding impacts to protected natural resources.

The Applicant considered multiple alternatives for the access road. The proposed entrance from Route 1 is sited at the location of a former logging entrance. Siting the entrance further west along Route 1 is not feasible as there is substantial bedrock present (Figures 1 and 2). From Route 1, the pervasiveness of wetlands and steep terrain complicated the routing process. Any route that completely avoided wetlands would have required an excessively long road for a project of this size and/or significant fill or side cuts to create a level surface of the required width along the steep terrain in the western portion of the parcel.



Figure 1. Image of proposed entrance from Route 1 (Google Street View)



Figure 2. Image of parcel from Route 1 showing 8'+ tall bedrock face (Google Street View).

Based on the expected costs associated with these significant engineering measures, it was determined to be impractical to completely avoid wetland impacts. Therefore, the access road, as proposed, must cross an unnamed stream at a point where the wetlands on the site are at their narrowest point (approximately 15 feet). It is expected that work related to this crossing will occur between July 15 and October 1<sup>st</sup>.

### **PBR 9 – NARRATIVE**

The proposed Project will install the generation lead line along the access road. At this point, it is anticipated that the utility line will be overhead and the lines will span the stream. However, it is possible that the Town will require that it be installed underground. In either case, this would be the only crossing of a natural resource associated with the Project. The utility crossing will be designed to meet applicable permit conditions of Chapter 305 of the NRPA and Maine General Permit (MGP).

### **PBR 10 – NARRATIVE**

By taking a comprehensive approach to avoidance and minimization, the Project design has minimized overall impacts to protected resources to the greatest extent practicable and is estimated to require 715 square feet of riparian wetland impact and 15 lineal feet of stream and stream buffer disturbance to construct the access road and stream crossing. No wetland impacts are necessary to construct the solar array. The new stream crossing will be designed to meet applicable permit conditions of Chapter 305 of the NRPA and MGP.

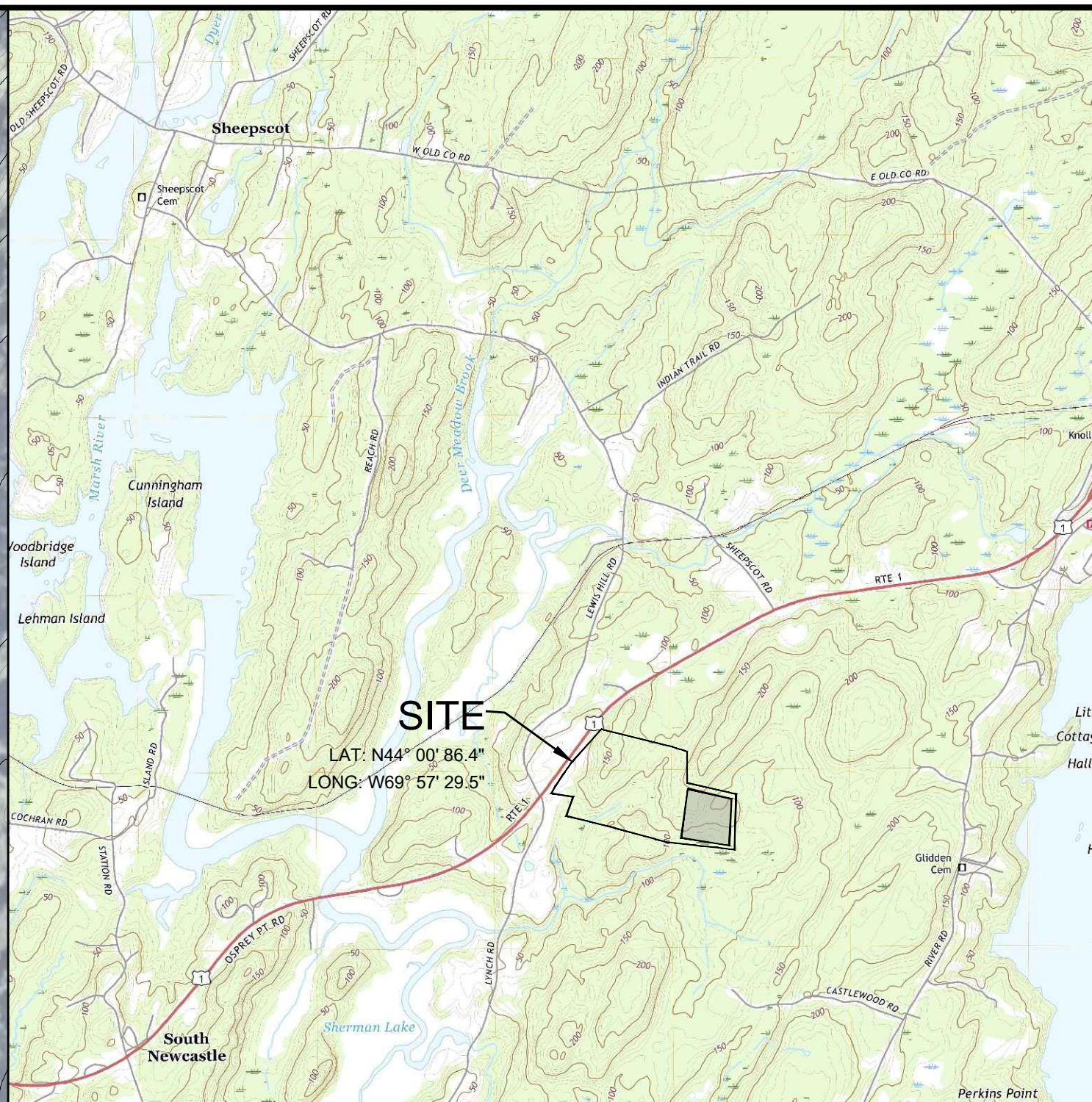
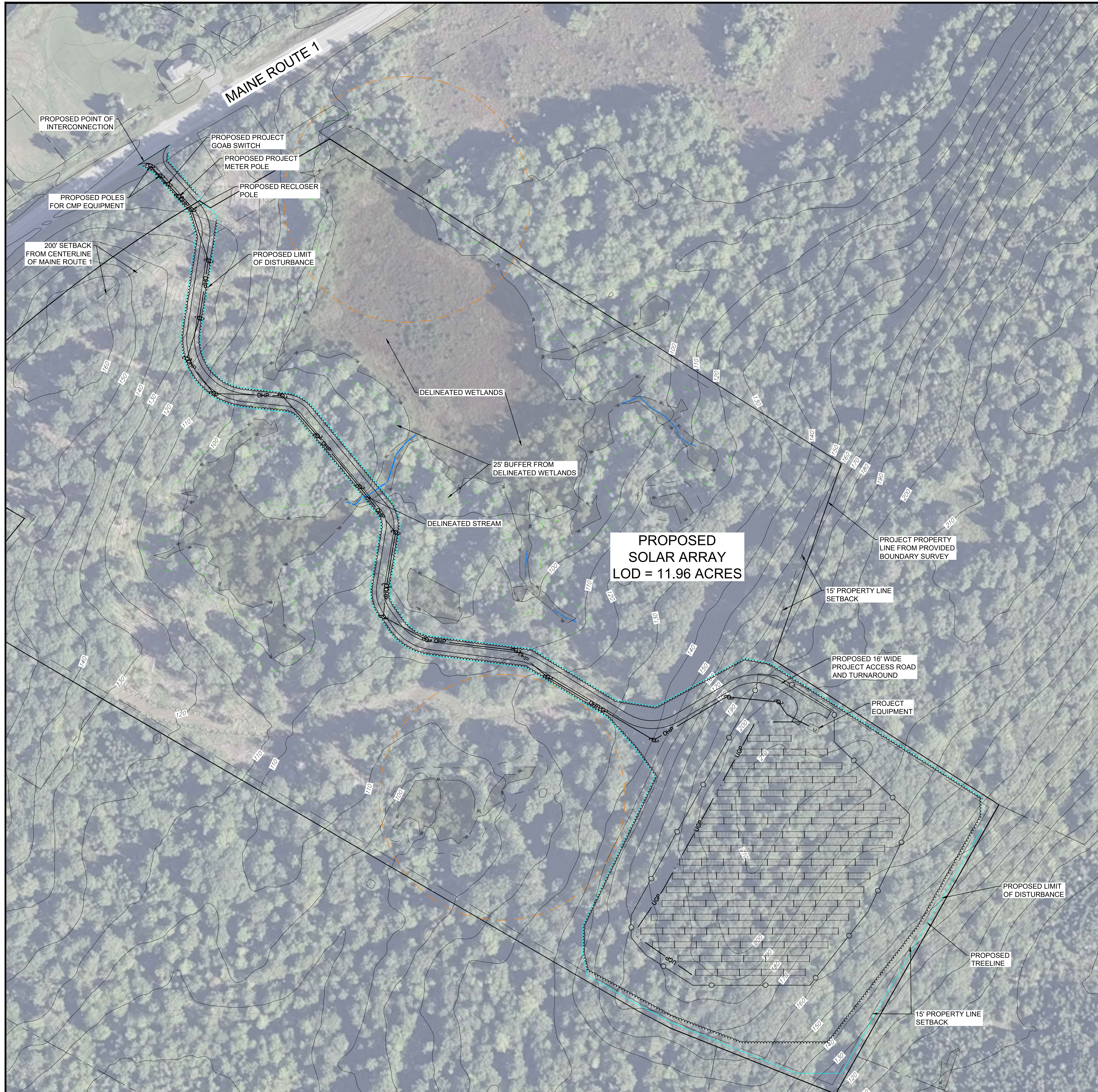
**PBR 9 AND 10 – REPRESENTATIVE PHOTOS**



**Photo 1.** Representative Photo of stream crossing

## Attachment 2: Site Plans





**LOCATION MAP**  
SCALE: 1" = 1/2 MILE

**LEGEND**

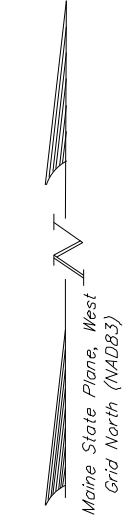
- EXISTING POWER POLE / PROPOSED POLE
- TAX MAP PROPERTY LINES
- SURVEYED PROPERTY LINES
- SETBACKS TO SOLAR PANEL RACKING
- EXISTING GRADE CONTOUR LINES (10 FOOT INTERVALS)
- EXISTING GRADE CONTOUR LINES (2 FOOT INTERVALS)
- EXISTING OVERHEAD POWER
- EXISTING TREELINE
- DELINEATED WETLAND
- PROPOSED PROJECT FENCE
- PROPOSED TREELINE
- PROPOSED OVERHEAD POWER
- PROPOSED UNDERGROUND POWER
- PROPOSED PROJECT EQUIPMENT
- PROPOSED FIXED SOLAR PANEL RACKING
- STAGING AREA FOR CONSTRUCTION
- LIMIT OF DISTURBANCE (LOD)
- 250 FOOT VERNAL POOL SETBACK
- 25 FOOT WETLAND SETBACK

**NOTES:**

1. ASPECTS OF PLAN ARE APPROXIMATE AND DERIVED FROM AERIAL PHOTOGRAPHY.
2. THE HORIZONTAL COORDINATE SYSTEM IS BASED ON NAD83 MAINE STATE PLANES, WEST ZONE (US SURVEY FEET). ELEVATIONS ARE BASED ON THE NAVD88 (US SURVEY FEET).
3. EXISTING GROUND CONTOUR ELEVATIONS ARE BASED STATE OF MAINE LIDAR
4. UTILITIES ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL CONTACT DIG SAFE BEFORE BEGINNING ANY EXCAVATION.
5. THIS IS IN NO WAY A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE FROM TOWN TAX MAPS AND ALTERED BASED ON EVIDENCE FROM AERIAL PHOTOGRAPHY.
6. THIS IS A PRELIMINARY DESIGN PLAN. FINAL DESIGN WILL BE MODIFIED TO MATCH EQUIPMENT PURCHASED AND POSSIBLE PERMIT CONSTRAINTS REVEALED DURING PROJECT'S REVIEW.
7. PRELIMINARY ENVIRONMENTAL SITE REVIEW DATA IS BASED ON INFORMATION DOWNLOADED FROM THE MAINE OFFICE OF GIS WEBSITE AND PRELIMINARY FIELD REVIEWS.

**PROJECT SPECIFICATIONS:**

- NUMBER OF MODULES: 3,168 (@490W PER PANEL)
- DC OUTPUT: 1.55 MW
- AC OUTPUT: 0.996 MW
- DC/AC RATIO: 1.56
- DESIGN: FIXED TILT @ 30° TILT
- GCR: 0.435 (43.5%)



**NEWCASTLE SOLAR PROJECT**

Route 1  
Newcastle, Maine



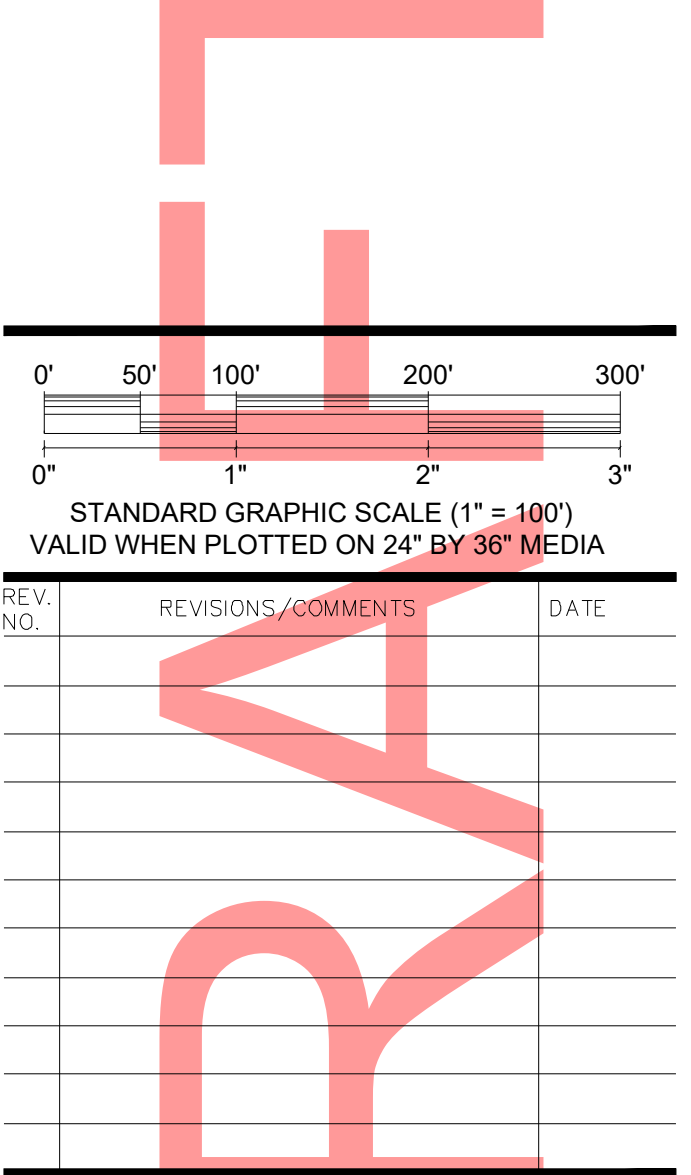
**KREBS & LANSING**  
CONSULTING ENGINEERS  
164 Main Street, Suite 201  
Colchester, Vermont 05446  
P: (802) 878-0375  
www.krebsandlansing.com

**ISSUED FOR PERMITTING  
NOT FOR CONSTRUCTION**

**CIVIL ENGINEER:**  
Krebs and Lansing Consulting Engineers, Inc.  
164 Main Street, Suite 201  
Colchester, Vermont 05446

**ENVIRONMENTAL:**  
Flycatcher LLC  
Lower Falls landing  
106 Lafayette Street, Suite 2A  
Yarmouth, Maine 04096

STAMP:



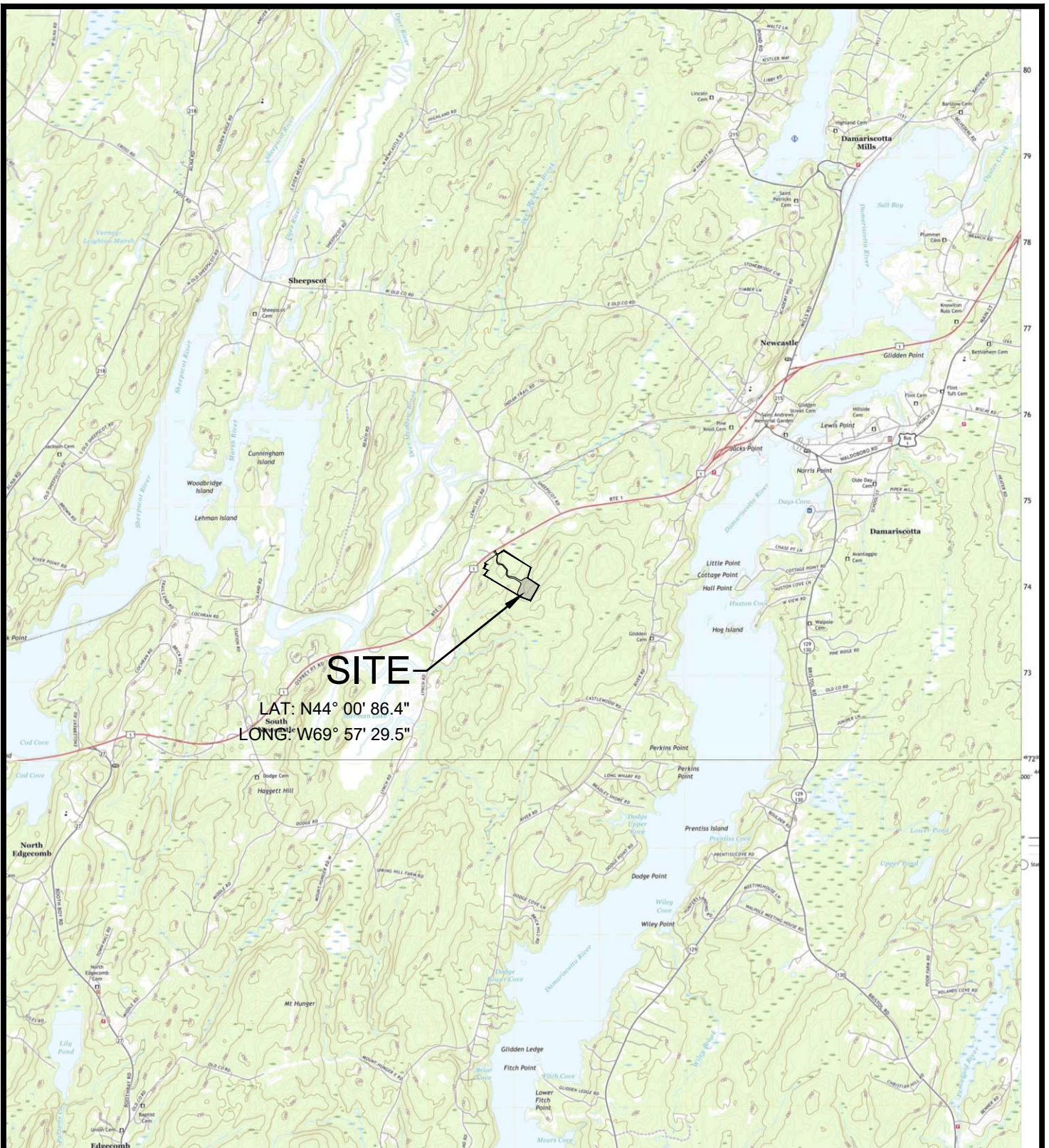
DRAWING TITLE:

**OVERALL SITE PLAN**

DATE ISSUED: 12/11/2023  
DRAWN BY: EJM CHECKED BY: JAJ  
PROJECT NO.: 23276 SCALE: 1" = 100'  
DRAWING NO.: REV. NO.:

**C-1.00**

## Attachment 3: USGS Location Map



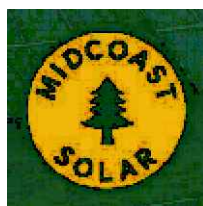
**SITE**  
 LAT: N44° 00' 86.4"  
 LONG: W69° 57' 29.5"

**LOCATION MAP**

SCALE: 1" = 1 MILE

**NEWCASTLE  
 SOLAR PROJECT**

Route 1  
 Newcastle, Maine



164 Main Street, Suite 201  
 Colchester, Vermont 05446

P: (802) 878-0375  
[www.krebsandlansing.com](http://www.krebsandlansing.com)

## Attachment 4: Certificate of Good Standing



# MAINE

Department of the Secretary of State  
Bureau of Corporations, Elections and Commissions

## Corporate Name Search

### Information Summary

[Subscriber activity report](#)

This record contains information from the CEC database and is accurate as of: Thu Dec 14 2023 12:36:42. Please print or save for your records.

Legal Name	Charter Number	Filing Type	Status
MIDCOAST SOLAR LLC	20206485DC	LIMITED LIABILITY COMPANY (DOMESTIC)	GOOD STANDING

Filing Date	Expiration Date	Jurisdiction
03/30/2020	N/A	MAINE

#### Other Names (A=Assumed ; F=Former)

NONE

#### Clerk/Registered Agent

LINE CURTIS  
6 BALSAM CIRCLE  
NEW HARBOR, ME 04554

[New Search](#)

Click on a link to obtain additional information.

List of Filings [View list of filings](#)

#### Obtain additional information:

Certificate of Existence <a href="#">(more info)</a>	<a href="#">Short Form without amendments (\$30.00)</a>	<a href="#">Long Form with amendments (\$30.00)</a>
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