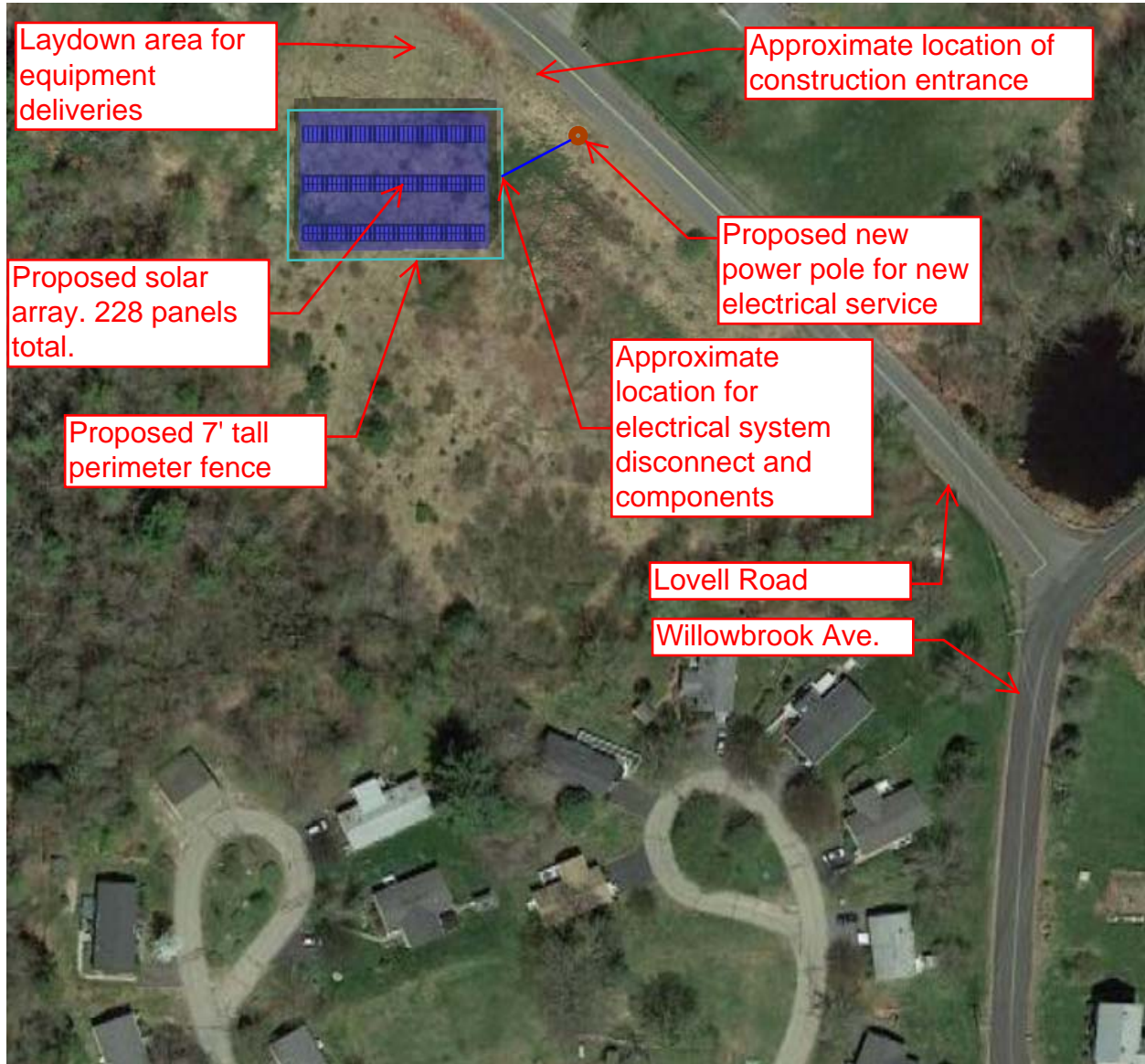




Solar Site Plan - DRAFT
Aberdeen West Cooperative
DC System Size: 90.06 kW
January 23, 2020





Vermont Law School Energy Clinic
Institute for Energy and the Environment
PO Box 96, South Royalton, VT 05068 • (802) 831-1201

April 15, 2020

Town of Stratham Planning Department
10 Bunker Hill Avenue
Stratham, NH 03885
taustin@strathamnh.gov, sgardner@strathamnh.gov

RE: Aberdeen West Community Solar Project Preliminary Consultation

Dear Mr. Austin and Ms. Gardner:

On behalf of the Aberdeen West Cooperative, Inc., please find enclosed a Preliminary Consultation Application and preliminary site plan for a proposed 62 kW AC (90 kW DC) ground mounted community solar project to be located on the parcel identified as Lot 19-036-000, with an address at Aberdeen Drive in Stratham. We also enclose a check for \$75.

Applicant, Owner, and Agents

Aberdeen West Cooperative is a Resident Owned Community (ROC) consisting of 23 residential lots, the majority of which are occupied by low-moderate income households. Aberdeen West Cooperative will own the community solar project and allocate the solar electricity to the Cooperative's residents through the State of New Hampshire's group net metering program. Aberdeen West has selected KW Management to install the project and Vermont Law School's Energy Clinic is assisting the community with its legal and regulatory needs, including permitting.

General Description of the Site

The proposed community solar project will be located on an approximately half-acre portion of the 29-acre parcel, adjacent to Lovell Road near the northern boundary of the property, as shown in the Google maps images below. The project site is an undeveloped flat portion of the property currently consisting of grasses and small shrubs. Given the existing topography, the project will require minimal clearing or grading. During construction the laydown area for equipment deliveries and site access will be directly north of the array off Lovell Road. After completion, the site access and laydown area will be returned to its natural state and there will be no new roads. The community solar project will likely be visible from Lovell road and adjoining residences on Lovell Road, which may be mitigated by additional vegetative screening if required.



View of project site from Lovell Road. Looking south.

Approximate project location

General Description of Proposed Development and Utilities

The proposed community solar project's layout is depicted in the enclosed preliminary site plan. The project dimensions will be approximately 160' x 110' and the solar array will stand approximately 11' high at its tallest point at an approximately 35-degree tilt angle. The project will consist of 228 panels configured in three rows, mounted on a steel racking system driven directly into the ground. The solar array and electrical components will be enclosed by a 7-foot tall perimeter fence. The electrical disconnect will be located outside of the fence and will be locked as required by the utility. The project will include a new power pole adjacent to Lovell Road where the solar array will interconnect with Unitil's existing three-phase power lines. We do not anticipate any additional demand on utilities such as water or sewer associated with this project.

We appreciate the opportunity to discuss this proposed project with you and to solicit your feedback at the next available Planning Board meeting. We are happy to attend virtually if necessary in light of the current Covid-19 pandemic. We look forward to hearing from you.

Kind regards,

Jeannie Oliver
Staff Attorney and Assistant Professor
joliver@vermontlaw.edu

cc: Ted Vansant, KW Management ted@necsolarservices.com
Kim Woods, Aberdeen West Cooperative, Inc. kwoods8091@comcast.net



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Town of Stratham, NH
Preliminary Consultation

19-036-000
Map# _____ Lot# 00000000

Project Name: Aberdeen West Community Solar Project

Location: Aberdeen Drive, Stratham, NH03885

Project Description: 62 KW AC / 90 KW DC ground mounted community solar photovoltaic system located on approx 1/2 acre portion of the 29 acre parcel. The project will generate solar electricity for the residents at Aberdeen West.

Applicant:

Name: Ada Dolloff, President

Phone: (603) 772-9745

Company: Aberdeen West Cooperative, Inc

Fax: _____

Address: 8 Aberdeen Drive, Stratham, NH 03885

Email Address: Sheila_ada@comcast.net

Owner:

Name: Aberdeen West Cooperative, Inc

Phone: (603) 772-9745

Company: _____

Fax: _____

Address: Aberdeen Drive, Stratham, NH 03885

Email Address: Sheila_ada@comcast.net

Agent:

Contact Name: Jeannie Oliver

Phone: 802-831-1201

Company: Vermont Law School Energy Clinic

Fax: _____

Address: 164 Chelsea Street, PO Box 96, South Royalton, VT 05068

Email Address: joliver@vermontlaw.edu

By signing this application, you are agreeing to all rules and regulations of the Town of Stratham, and are agreeing to allow agents of the Town of Stratham to conduct inspections, during normal town business hours, of your property, to ensure compliance with all Stratham Zoning, Subdivision and or Site Plan Review regulations while your application is under consideration.

Signed: [Signature] Date: 4/15/20

Fees:

Preliminary Consultation: Application fee of \$75.00

*Additional fees may be charged to cover inspection and review cost.

For Office Use Only

Date Application Received: _____ Total Fees Collected with Application: \$ _____

PB Application Acceptance Date: _____ PB Hearing Date: _____