

VCP EPC, LLC

PETITION FOR A DECLARATORY RULING THAT A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED IS NOT REQUIRED FOR THE CONSTRUCTION, OPERATION AND MAINTENANCE OF A 2.99 MW AC ROOF-MOUNTED SOLAR PHOTOVOLTAIC PROJECT AT DOLLAR TREE DISTRIBUTION CENTER, 99 INTERNATIONAL DRIVE, WINDSOR, CONNECTICUT

APRIL 15, 2022



PREPARED FOR THE CONNECTICUT SITING COUNCIL

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emissions, has no impacts to natural resources, and complies with the applicable air and water quality standards of the Connecticut Department of Energy and Environmental Protection ("CT DEEP"). In addition, the Project will not have an adverse environmental effect in the State of Connecticut and will contribute to the State's efforts of deploying clean, renewable energy sources.

II. PETITIONER AND CONTACT INFORMATION

The legal name of the Petitioner is VCP EPC, LLC. Verogy is a Connecticut limited liability company with its principal place of business in Hartford, Connecticut. Verogy is a professional renewable energy business with decades of experience in the solar industry; the core of its business is developing, financing, constructing, managing, and operating solar projects.

Mailing Address:	VCP EPC, LLC 150 Trumbull Street, 4 th Floor Hartford, CT 06103
Internet Address(es):	https://www.verogy.com/

Correspondence and other communications concerning the Project are to be addressed to, and notices, orders and other papers may be served upon the following:

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All three individuals consent to electronic mailings of all Council and Petition-related correspondence.

Verogy is submitting this Petition as it has been engaged to provide a turnkey installation of the Facility by Dollar Tree Distribution, Inc. ("Dollar Tree"), the owner of the Site and eventual owner of the Project.

III. THE PROJECT

A. Project Overview

The Project was selected and awarded (i) a fifteen-year contract for 1.0 MW AC to participate in the Connecticut Zero Emissions Renewable Energy Credit (“ZREC”) program, and (ii) a fifteen-year contract for 2.0 MW AC to participate in the Connecticut Low Emissions Renewable Energy Credit (“LREC”) program. The Project will help offset Dollar Tree’s energy usage on Site; help meet Dollar Tree’s sustainability goals; and help Connecticut meet its emission reduction targets via the State of Connecticut’s Renewable Portfolio Standard and meet the Governor’s goal of becoming carbon neutral by 2040.

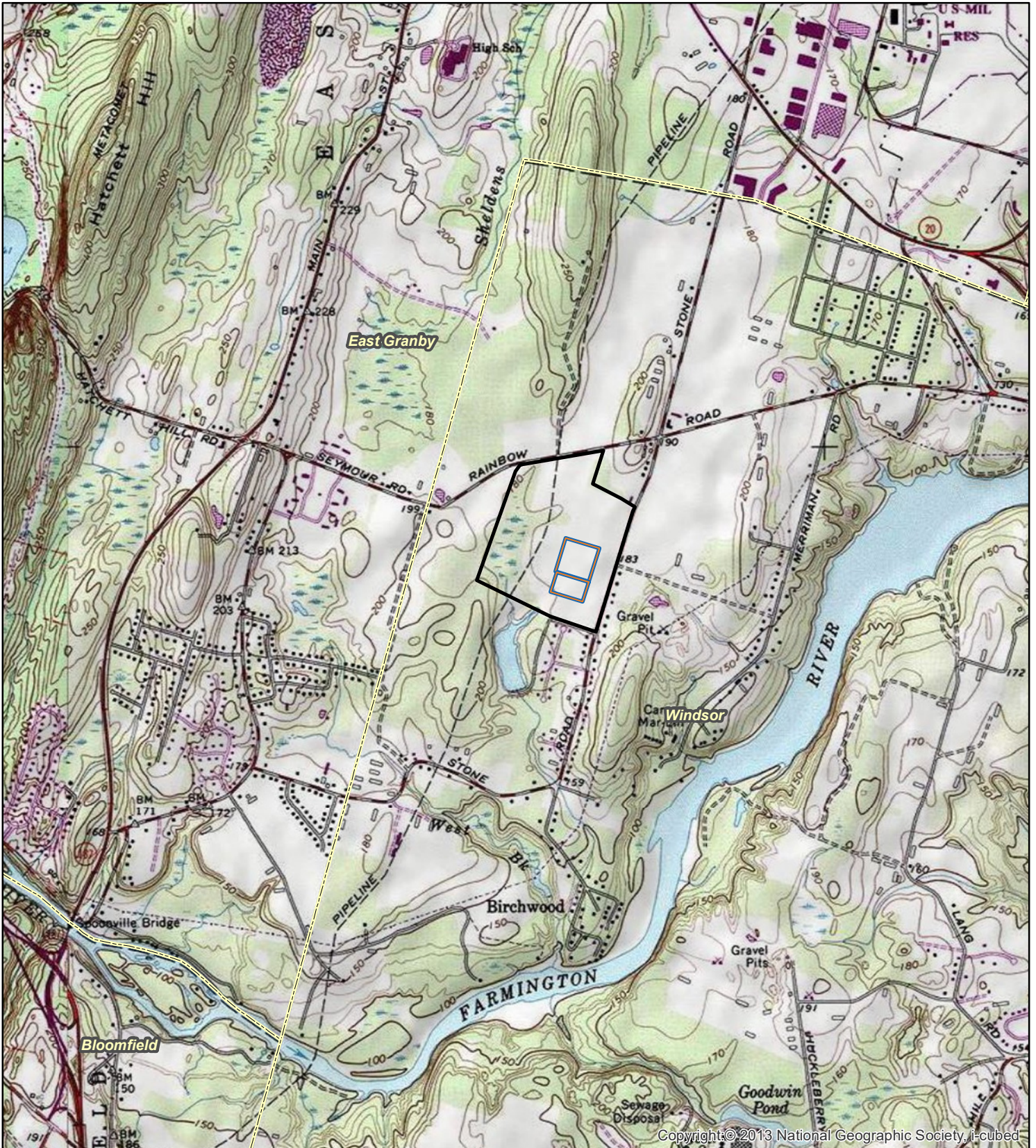
B. Site Description

The Site is a 93.10-acre parcel, located in the Town of Windsor’s Industrial I Zone at 99 International Drive, Windsor, Connecticut. The Site is currently a developed parcel that is owned and operated by Dollar Tree Distribution, Inc. and serves as one of their distribution centers for the northeast. The existing building and associated parking lot and infrastructure were constructed in 2012/2013 and encompasses about two-thirds of the eastern portion of the Site. The remaining area of the Site to the west of the building and parking area is comprised of a forested wetland system. The Site is bordered on the north by International Drive, to the east by industrial and residential properties, to the south by residential properties and forested wetlands, and to the west by agricultural use and forested wetlands.

See Figure 1 (Location Map), Figure 2A (Existing Conditions Map), and Figure 2B (Existing Cover Type Map that depict) for a depiction of the Site and Project area.




C. Site Selection

The site selection for the Project was based on an evaluation of several key criteria, including but not limited to: (i) the building owner desired to locate the Facility on the roof of their existing building; (ii) proximity to critical infrastructure, including suitable electrical grid access; (iii) compatibility with surrounding land use; and (iv) the Facility’s construction and subsequent operation is not expected to have any undue adverse environmental impacts on the surrounding area.



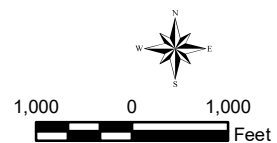
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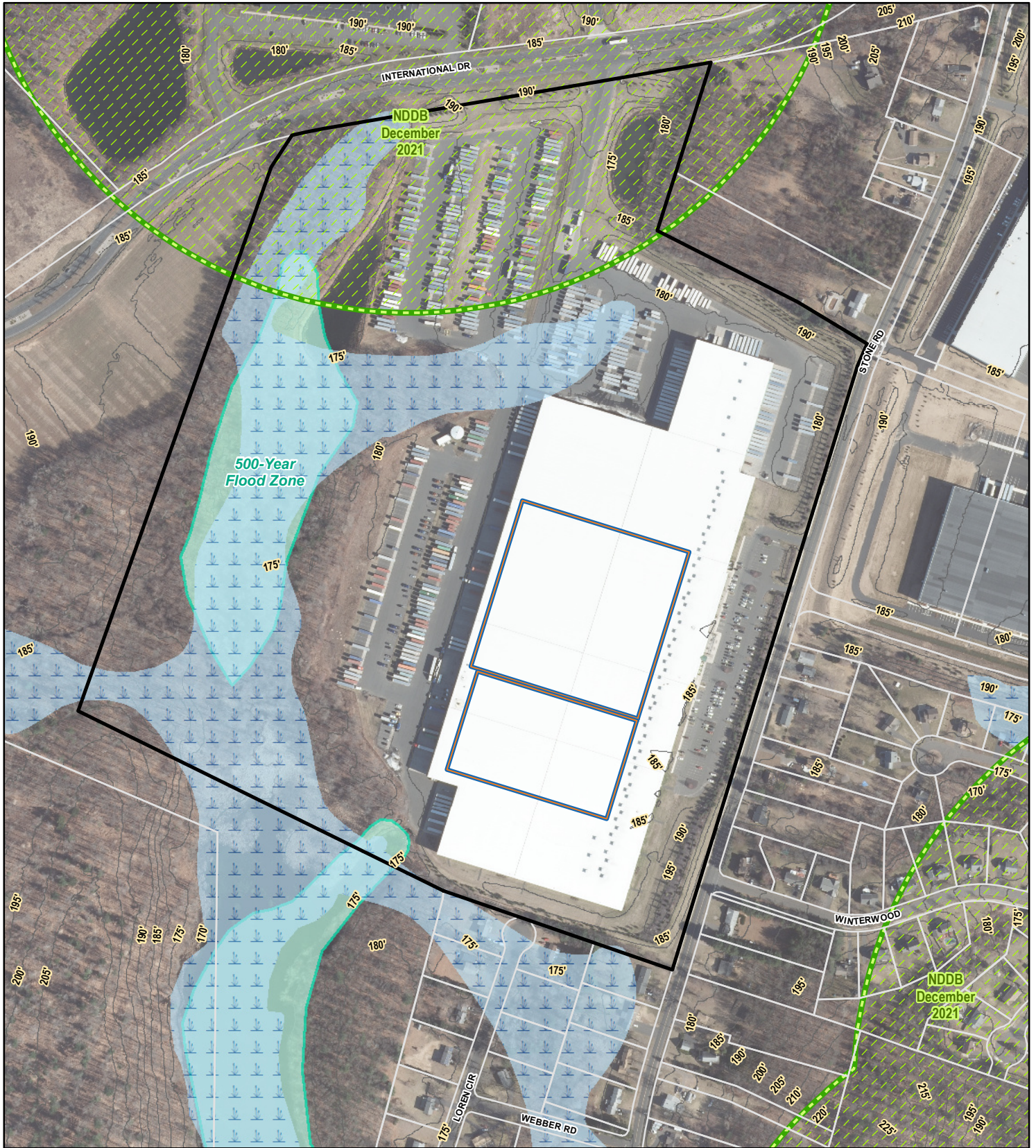
Legend

-  Site
-  Project Area
-  Municipal Boundary (CTDEEP)

Site Location Map
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut





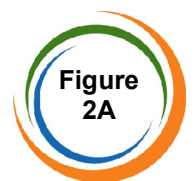
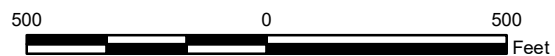
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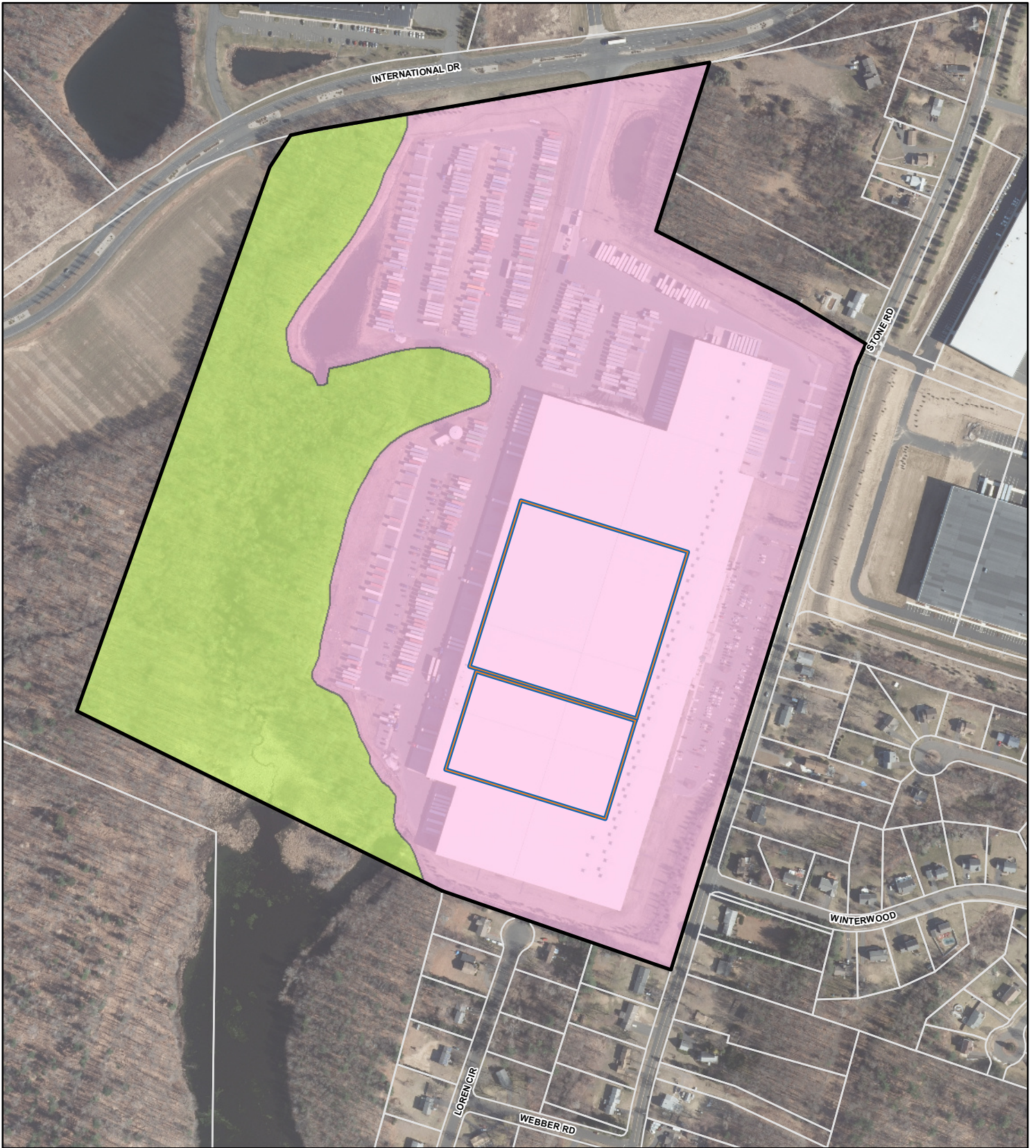
- Site
- Project Area
- Approximate Parcel Boundary
- 5-foot Contour Line
- Natural Diversity Database Area (Dec 2021)
- Critical Habitat (Oct 2019)*
- Wetlands (CTDEEP)
- Tidal Wetland*
- Aquifer Protection Area (Jan 2022)*
- FEMA Flood Zones
- 100-Year Flood Zone*
- 500-Year Flood Zone
- Floodway*

Existing Conditions
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
*Data layer not located within mapped extent
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO
Elevation Contours: 2016 LIDAR data CTECO
Other: CTDEEP's data library (<http://www.ct.gov/deep>)





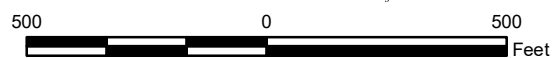
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-  Site
-  Project Area
-  Approximate Parcel Boundary
- Cover Type**
-  Developed
-  Forested Wetland

Existing Cover Types
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO



D. Project Description

The proposed Facility will be located on the rooftop of the existing Dollar Tree Distribution Center. The Facility will consist of two solar photovoltaic systems, 1.00 MW AC and 1.99 MW AC (totaling 2.99 MW AC) that both tie in behind the meter to the two existing electrical services on Site.

i. Facility Design

As currently designed, the proposed Project will consist of: 8,320 Phono Solar PS540M6-24/TH 540 Watt solar modules; 44 CPS 480V 60kW (SCA60KTL-DO/US-480) and 7 CPS 480V 50kW (SCA50KTL-DO/US-480) inverters; DCE Solar Eco-Top rooftop mounted racking; switchgear; a replacement transformer; and electrical systems interconnected to the existing utility services into the Site. SUMEC Energy Holdings Co. Ltd., the parent company of Phono Solar, have performed a Toxicity Characteristic Leaching Procedure (“TCLP”) test on its solar modules and they are not characterized as hazardous waste. The existing building has been structurally analyzed and is adequate to accommodate the additional load of the Project without diminishing the snow load capacity. The Facility’s panels and inverters have an anticipated service life of thirty-five (35) years. The 1.00 MW AC and 1.99 MW AC systems will both have an expected net AC capacity factor of approximately 19.4%. No fencing or other security measures are required for the Facility on the rooftop.

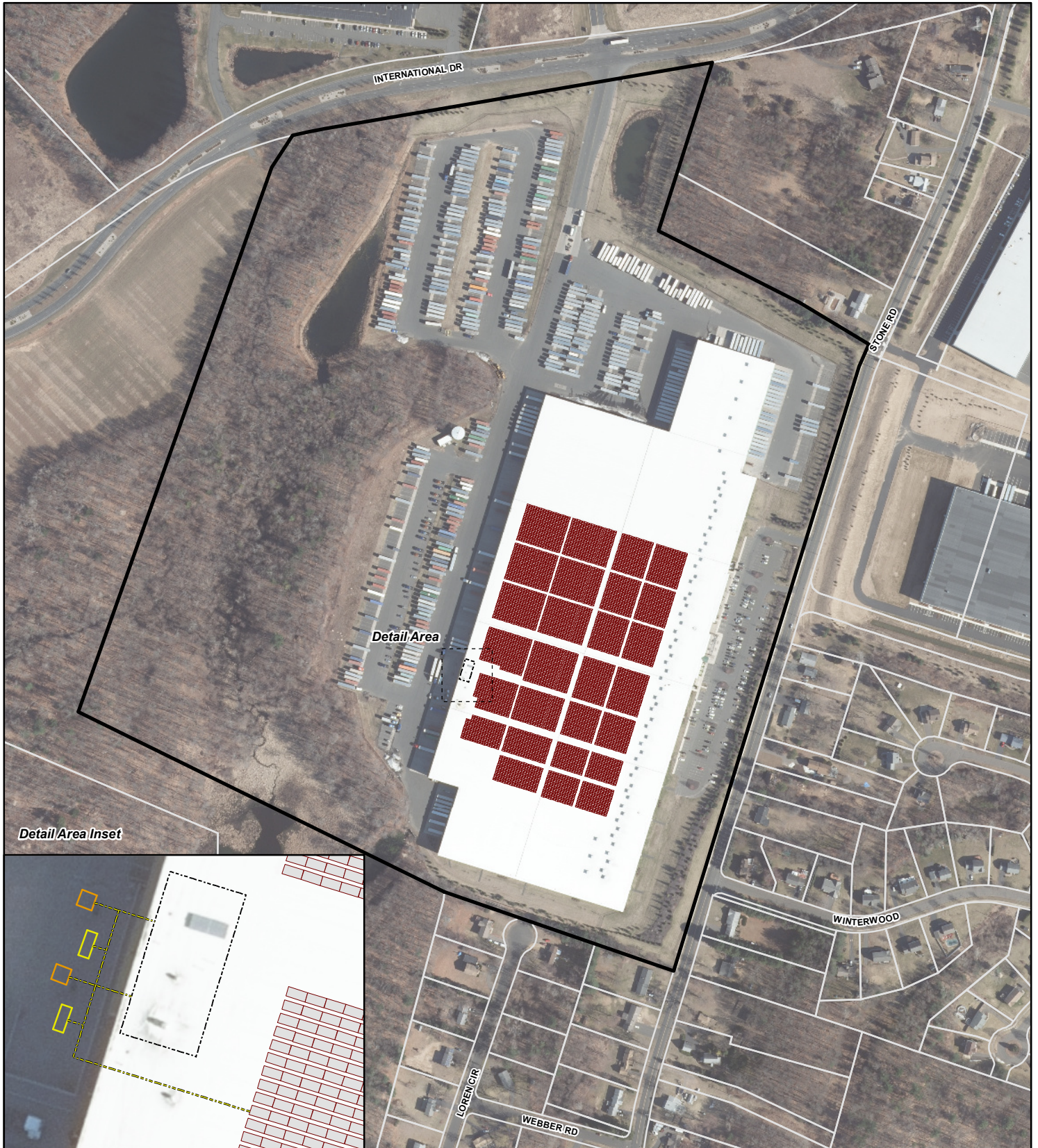
See Figure 3 (Proposed Conditions Map) for a depiction of the Facility layout. See [Appendix A](#) for major system component specifications, the TCLP testing report, and the building’s structural evaluation.

ii. Interconnection

The Facility will be interconnected to the building’s two (2) existing switchgear units, located inside the building’s electrical room, that are served by two utility transformers. For the 1.99 MW AC system, the existing 1500kVA transformer will be replaced with a 2000 kVA transformer and new service conductors will be run within the existing conduits back to the existing switchgear. All other existing building electrical equipment will remain. The Project has submitted to Eversource Energy for interconnection and is awaiting a review and response on the application.

iii. Site Access

The Facility will be accessed via the existing driveway and parking lot for the Project Site; no upgrades are required.



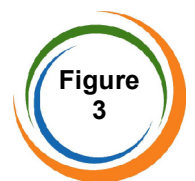
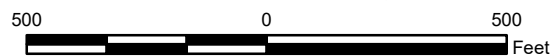
Legend

- Site
- Approximate Parcel Boundary
- Proposed Solar Modules
- Electrical Rooms (within in existing building)
- Existing Transformer (Inset Map)
- Proposed Electrical Switchgear (Inset map)
- Proposed Electrical Conduit (Inset Map)

Proposed Conditions
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO



iv. Construction

Construction for the Facility will consist of the installation of roof mounted racking, modules, conduit and wire on the roof of the building along the exterior and down to the proposed switchgear on the west side of the building adjacent to the existing electrical room. The existing transformer owned by Eversource will be removed and the new transformer will be installed on the existing concrete pad. Eversource will be responsible for removal and disposal of the existing transformer. Material will be stored on site within the existing paved parking lot of the Project Site, and material will be brought to the roof via cranes and manlifts. The disturbance on site is limited to the excavation associated with the conduit installation between the proposed switchgear, transformers, and the existing electrical room.

Construction Phasing:

1. Conduct pre-construction meeting with building facilities manager and all subcontractors.
2. Install roof mounted racking.
3. Install conduit and cable tray.
4. Install modules and wiring.
5. Remove existing transformer and install new transformer and cable.
6. Commission the Facility.

The construction of the Facility is expected to take eight (8) months starting in Summer/Fall 2022 with completion expected in Spring 2023. This duration includes a blackout period for solar construction in the months of November and December due to increased traffic at the Site due to the holiday season. Construction activities on the Site will occur between the hours of 7:00am and 5:00pm, Monday through Saturday, and between the hours of 9:00am and 5:00pm on Sunday.

v. Maintenance

Throughout the operational phase of the Project, periodic inspections and maintenance will be performed as required; required maintenance of the Project, however, is expected to be minimal. The designated Operations & Maintenance (“O&M”) service provider and/or its authorized subcontractors, will visit the Site to assess site conditions and perform maintenance as needed. Other anticipated management/maintenance activities for the Project are as follows:

1. Equipment Maintenance: Verogy and/or its authorized subcontractors will inspect and maintain electrical and PV equipment in accordance with the manufacturers' respective requirements to maintain proper operation and warranty status of the equipment. Verogy will also perform the following inspections: (a) the operation of all safety devices will be reviewed and corrected to maintain proper function; (b) full visual inspection of all equipment, including subassemblies, wiring, and connectors; (c) thermal scanning of electronic equipment, wiring terminations, and connectors; (d) mechanical inspection, including torque verification of critical connections; (e) string testing (IV curve test); and (f) air filter elements.
2. Module Cleaning: Although module cleaning is rarely necessary in the Northeast, in the event that the solar modules were to experience enough soiling to adversely affect production, the modules will be cleaned using water brought in by tanker truck and soft bristle brooms. No chemicals will be used in connection with any module cleaning.
3. Snow Maintenance/Removal: The Petitioner does not intend to remove snow from the solar modules.

See Appendix B for the Operations and Maintenance Plan.

vi. Decommissioning

At the end of the Project's useful life, the Facility will be fully decommissioned and removed from the Site.

See Appendix C for the Decommissioning Plan.

IV. PROJECT BENEFITS

The Project creates a number of benefits with local, statewide, and regional significance—including supporting renewable energy development and construction related jobs, contributing to Connecticut's statewide renewable energy goals, and reducing the electrical consumption from the utility grid of the existing Site.

Given the Project's size and the average annual load generated by the existing building on Site, the Facility is expected to generate enough solar energy to reduce the electrical consumption from the utility grid by 80%, while generating zero pollution or carbon emissions. The Petitioner also intends to use, where appropriate, local and regional labor for the construction and subsequent operation of the Project and expects

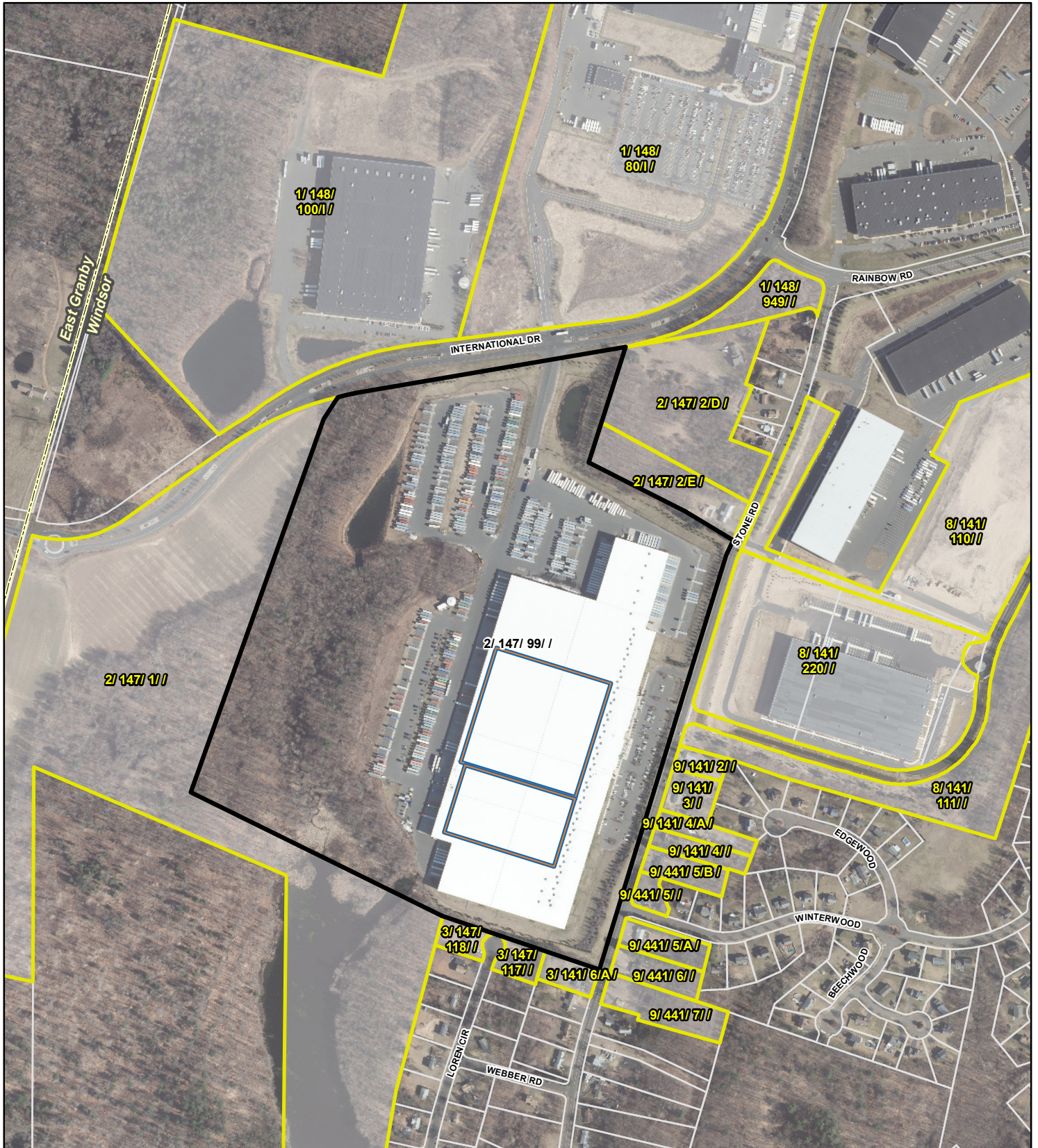
that new construction and operation and maintenance jobs will be created. Moreover, there will be no additional burdens placed on municipal infrastructure or demands on Town of Windsor services due to the development of the Project.

Importantly, the Project will generate the majority of its power during the summer electrical peak, thereby providing peaking resources when the State has its greatest need for energy. See CGS § 16-50p(c)(1) (a project provides a public benefit if it is deemed “necessary for the reliability of the electric power supply of the state or for a competitive market for electricity”). This reduction in energy demand during peak usage will, in turn, decrease energy costs for ratepayers statewide.

V. LOCAL OUTREACH AND PUBLIC NOTICE

In March of 2022, the Petitioner informed municipal officials in Windsor and East Granby of its plans to develop the Project. The Petitioner will remain in regular contact with municipal officials keeping them appraised of the Project’s progress and the permitting and development schedules. Additionally, in March of 2022, the Petitioner formally notified the abutting property owners.

See Figure 4 (Abutting Parcels Map) for a map of the Site and the identified abutting property owners. See Appendix D for the Abutting Property Owner List and Sample Notice Letter and Appendix E for the List of Municipal Officials and Government Agencies and Sample Notice Letter.



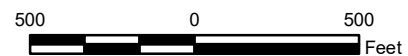
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- Site
- Abutting Parcel
- Project Area
- Approximate Parcel Boundary
- Municipal Boundary (CTDEEP)

Abutting Parcels
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO
Abutting parcel data obtained from the Town of Windsor online GIS system



VI. POTENTIAL ENVIRONMENTAL EFFECTS

As is evidenced by the information provided below, the Project has been designed to avoid or minimize impact(s) to public health and safety, the existing environment, wildlife, and habitat on and around the Site; and, in accordance with CGS § 16-50g, will not have an adverse effect on scenic, historical, or recreational areas.

A. Public Health and Safety

As a Class I Renewable Energy Source, the Project represents a clean and safe method of electricity generation in the State. The Project will contribute to reducing greenhouse gas emissions to the extent it displaces the fossil-fueled generating resources, and the Project, once operational, will not create any waste or other emissions that would be detrimental to public health and safety. In addition, the Project will not consume any water or produce any wastewater or otherwise involve the injection of waste or harmful or toxic substances into ground water or wells.

The Project has been designed to meet or exceed all applicable health and safety standards and requirements related to solar photovoltaic electric power generation, including the National Electrical Safety Code (“NESC”), and those codes and standards promulgated by the National Fire Protection Association (“NFPA”).¹ Each employee working on the Project will:

- Receive required general and Site-specific health and safety training;
- Comply with all health and safety controls as directed by local and state authorities;
- Understand and employ a Project health and safety plan while on the Site;
- Know the location of local emergency care facilities, travel times, ingress and egress routes; and
- Report all unsafe conditions to the construction manager.

The Petitioner will also coordinate with the Town of Windsor police and fire departments regarding access to the Facility and emergency shutoff switches.

¹ Collectively, these provisions govern the safe installation and maintenance of electrical systems, including alternations, repairs, replacement(s), equipment, appliances, fixtures, fittings, and appurtenances thereto.

B. Land Use and Development

The Project is consistent with federal, state, and local policies. The State of Connecticut has committed to reducing its reliance on fossil fuels and natural gas to mitigate the effects of climate change. This is evident by the Governor signing Executive Order No. 3, with a goal of achieving a 100% zero carbon target for the electric sector by 2040.² This Project, if approved, will help support these ambitious efforts by developing a renewable energy resource that does not have a substantially adverse environmental effect.

The Project is consistent with the goals, policies and implementation strategies contained in the Town of Windsor's Plan of Conservation and Development (the "Town's Plan"). The Town's Plan states that "The Town has taken its role in reducing greenhouse gases seriously by participating in various programs aimed at conserving energy, providing alternative energy sources and encouraging residents and businesses to do the same."³

C. Wildlife and Cover Type

Provided in the following sections is information regarding: (1) the identified onsite cover types and anticipated Project impacts; (2) core forest; and (3) threatened and endangered species.

i. Cover Types

The Project Site is comprised of two different cover types consisting of Developed and Forested Wetlands and are described in more detail below. The Facility is located entirely within the Developed portion of the Project site. See Figure 2A (Existing Conditions Map) and Figure 2B (Existing Cover Type Map).

a. Project Site Cover Types

Developed

The Project Site consists mainly of an existing industrial development, including a warehouse building, parking lot, stormwater basins, and associated infrastructure. The existing development generally occupies the eastern two-thirds of the parcel and serves as a Dollar Tree Distribution Center for the northeast.

² See Governor Ned Lamont Executive Order No. 3, which can be found at <https://portal.ct.gov/-/media/Office-of-the-Governor/Executive-Orders/Lamont-Executive-Orders/Executive-Order-No-3.pdf>

³ See Town of Windsor Plan of Conservation and Development, p. 3-12, which can be found at: https://townofwindsorct.com/app/uploads/sites/6/2018/03/2015_Windsor_Plan_of_Conservation_and_Development.pdf

Forested Wetlands

The remaining undeveloped portion of the Site on the western side of the development consists of a forested wetland.

b. Potential Habitat Impact(s) and Mitigation

The Facility will be located on the rooftop of the existing building with the solar switchgear located adjacent to the building within the previously developed area. There will be no impacts to the existing forested wetland.

ii. Core Forest

A review of the CT DEEP's *Forestland Habitat Impact Mapping*,⁴ indicates that there are no areas of the Project Site that are mapped as "core forest." See Figure 5 (Forested Habitat Impacts) for the map of the Site and the Project area on the rooftop. In accordance with CGS §16-50k(a), the Petitioner sent correspondence to the CT DEEP Forestry Department on March 9, 2022 requesting a determination that the Project would not have any impacts on core forest. CT DEEP responded on March 10, 2022 stating that the Project would not have any impacts on core forest. See Appendix F for evidence of Petitioner's consultation with CT DEEP Forestry.

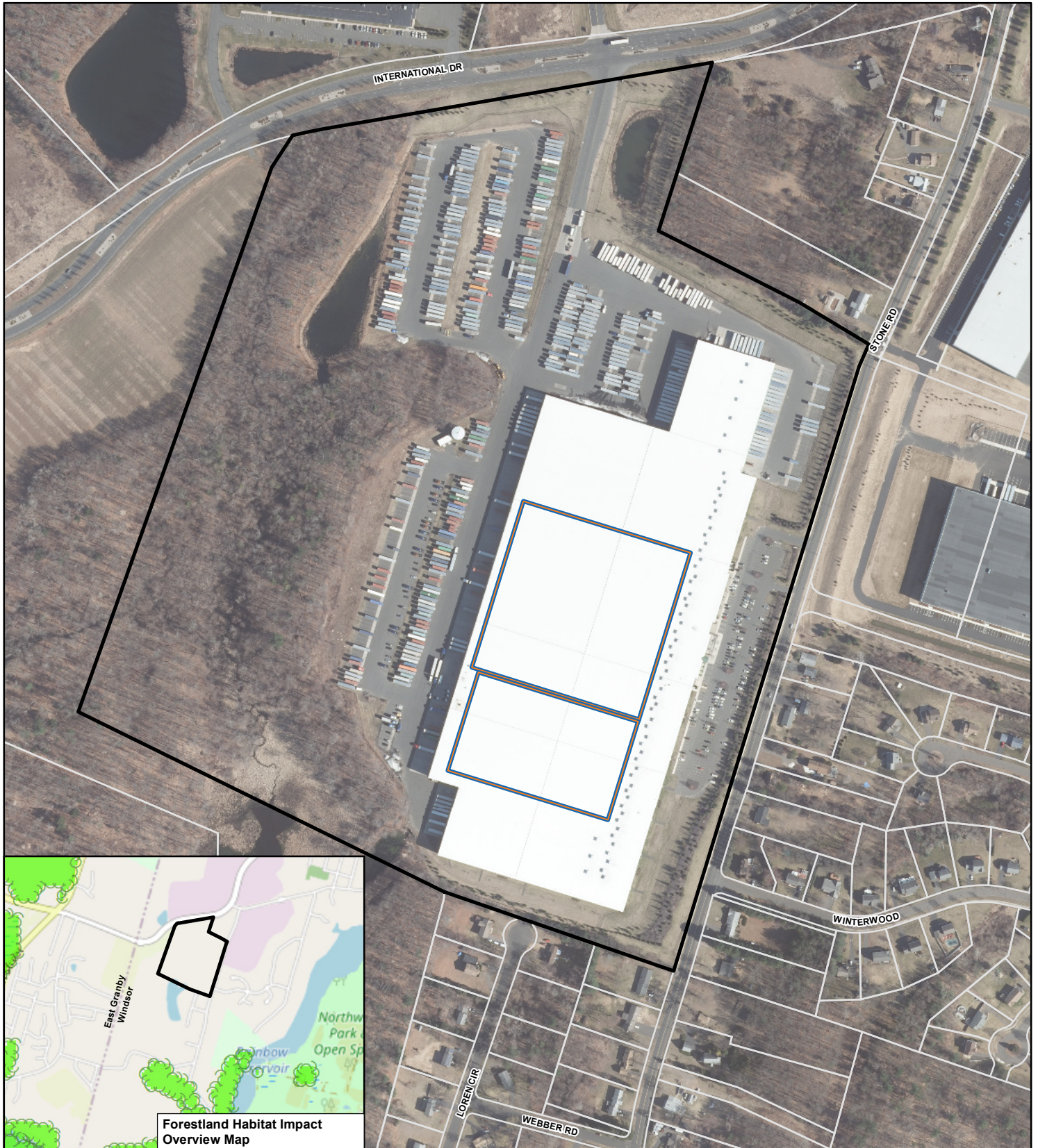
iii. Threatened and Endangered Species

The Project is not proposing to cut any trees and therefor will not have any impacts on the Northern Long Eared Bat.





The proposed project does not fall within an NDDB polygon. Additionally, the project is located on an existing building rooftop and the disturbance is less than 1 acre and thus does not trigger a CT DEEP Stormwater Permit. With no impacts within an NDDB polygon and no state permit required, an NDDB review is not required.

The Project will not have any adverse environmental impacts on threatened and endangered species.

⁴Source: <http://ctdeep.maps.arcgis.com/apps/webappviewer/index.html?id=7b81844bab634281b544c20bf2d7bfb8>: This spatial screening layer identifies prime continuous and connected core forestland blocks. It is intended to identify areas of potential forestland habitat impacts relative to solar installation applications made to the Connecticut Siting Council. If the project intersects with the Forestland Habitat Impact Map there is a potential for material effects to core forest.



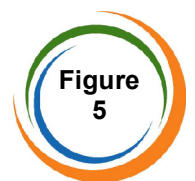
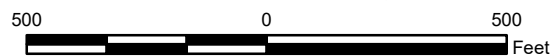
Legend

-  Site
-  Project Area
-  Approximate Parcel Boundary
-  Forestland Habitat Impact (CTDEEP)*

Forestled Habitat Impacts
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
*Data layer not located within mapped extent
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO



D. Wetlands

There is one forested wetland block located on the western third of the Site. This wetland system will not be impacted by the Project as all of the work is located within the disturbed area of the Site. The only ground disturbance is associated with the electrical interconnection to the existing building's electrical system, located adjacent to the existing transformers. The limited ground disturbance is located over 300 feet from the forested wetland area and as such the Project will not adversely impact wetlands.

E. Water Resources and Stormwater Management

The Project is not expected to have an adverse impact on the State's water resources, as the Facility will be unstaffed, no potable water uses or sanitary discharges are planned, and no liquid fuels are associated with the operation of the Facility. Therefore, the Project satisfies the water quality standards of CT DEEP.

i. Floodplain Areas

Petitioner reviewed the United States Federal Emergency Management Agency ("FEMA") Flood Insurance Rate Maps ("FIRM") for the Site. The Site is mapped on FIRM PANEL #09003C0211F, dated September 26, 2008. Based upon the reviewed mapping, there are two areas on the western portion of the Site that are classified as "Other Flood Areas Zone X", typically referred to as the 500-year floodplain. These areas are located within the forested wetland. The remainder of the Site and where the Facility will be located are classified as "Zone X" areas outside the 500-year floodplain. This Project will have no adverse effect on floodplain areas. See Figure 2A (Existing Conditions Map).

ii. Groundwater

Groundwater underlying the Site is classified by CT DEEP as "GA". The "GA" classification designates that uses are existing private and potential public or private supplies of water suitable for drinking without treatment. The Site is not located in a mapped Aquifer Protection Area. Thus, the Project will have no adverse effect on ground water quality.

iii. Surface Water

The Project will have no adverse effect on the Site's surface water quality as the Project is located entirely within existing disturbed areas and is over 300 feet from the existing forested wetland. There is no public drinking water supply watershed located on the Site.

iv. Stormwater Management

The Site has existing stormwater management systems on premises. No additional stormwater management is required for this Project as it is located within an existing disturbed area. The Project will also disturb less than one acre for the required utility connections and is not required to file for a *General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities*.⁵

F. Soils and Geology

The Project is located within an existing developed area of the Site and on the rooftop of an existing building, and any soils that are excavated for the utility connection within the existing parking area have been previously disturbed by previous construction. The Site does have mapped Prime and Statewide Important Farmland Soils according to CT DEEP GIS and, pursuant to CGS §16-50k(a), the Petitioner sent correspondence to the Connecticut Department of Agriculture on March 9, 2022 requesting a determination that the Project would not have any impacts on Prime Farmland Soils. The Department of Agriculture responded on April 5, 2022 stating that the Project would not have any impacts on prime farmland soils. See Appendix G for evidence of Petitioner's consultation with the Department of Agriculture.

G. Historic and Archaeological Resources

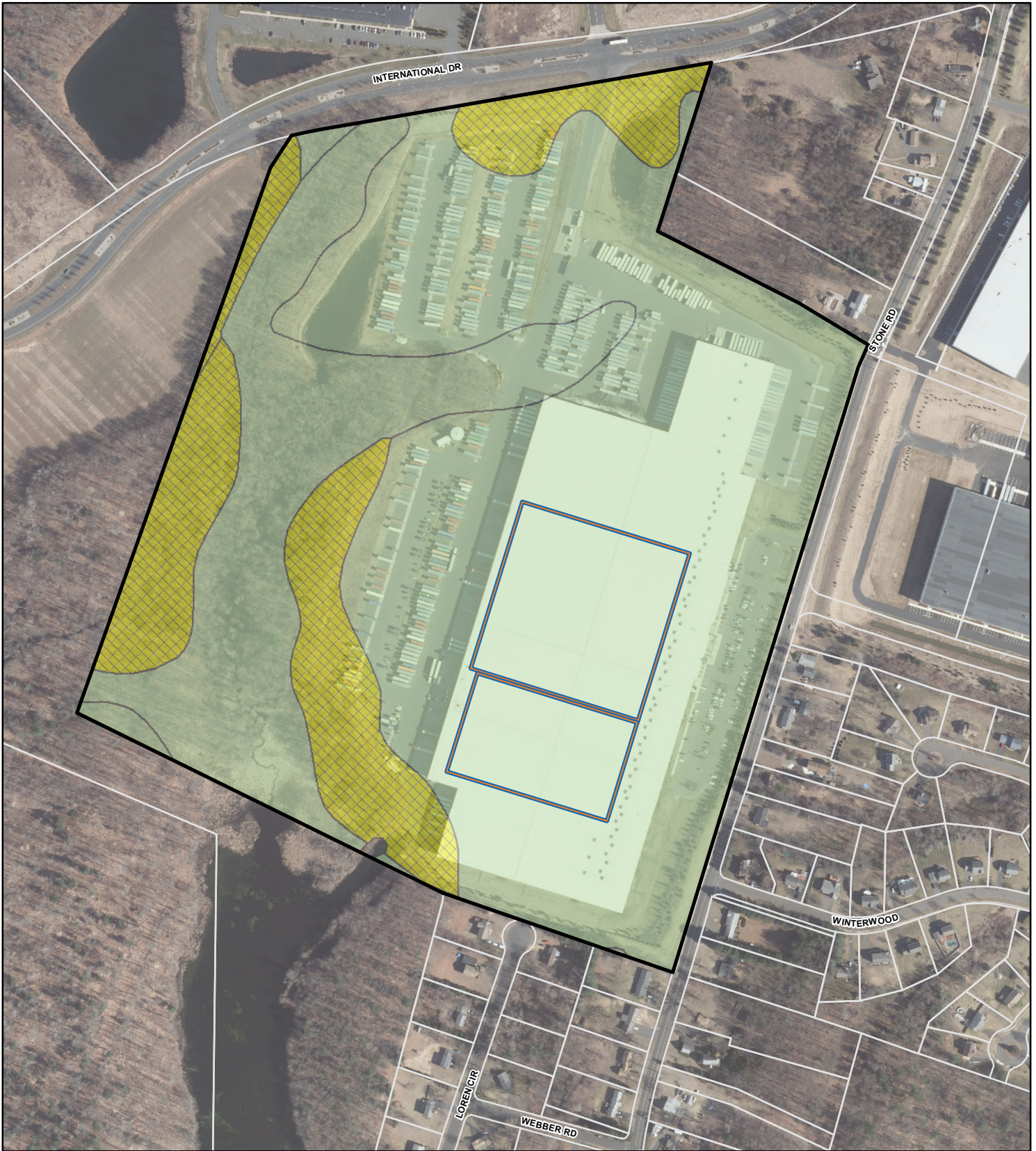
The Project is located within existing disturbed areas and will have no impacts on historic or archaeological resources.

H. Air Quality






Overall, the Project will have minor emissions of regulated air pollutants during construction; however, no air permit is required for these activities. During construction of the Project, any air emission effects will be temporary and will be controlled by enacting appropriate mitigation measures (e.g., water for dust control, avoiding mass early morning vehicle startups, etc.). Accordingly, any potential effects on air quality as a result of the Project construction activities will be minimized.

During operation, the Project will not produce air emissions of any regulated air pollutants or greenhouse gases (e.g., PM10, PM2.5, VOCs, GHG or Ozone). Therefore, no adverse effect on air quality is anticipated and no air permit will be required.

⁵ See Section 3(a) Eligible Activities; https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Water_Discharge_General_Permits/stormconstgp1.pdf



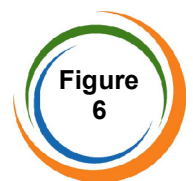
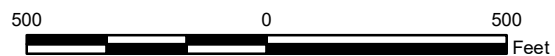
Legend

-  Site
-  Project Area
-  Approximate Parcel Boundary
- Farmland Soils (CTDEEP)**
-  Prime Farmland Soils
-  Statewide Important Farmland Soils

Farmland Soils
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO



I. Noise

As abovementioned, the Project is located in the Town of Windsor's Industrial Zone, with Residential Zones surrounding the property. Pursuant to the Town of Windsor's Noise Ordinance, an emitter in an industrial zone with a residential zone receptor cannot exceed, at the boundaries of a parcel, the noise level(s) of 51 dBA during the nighttime hours and 61 dBA during the daytime hours. Night is defined as the hours between 10:00 p.m. and 7:00 a.m., Sunday evening through Saturday morning, except, that night shall mean the hours between 10:00 p.m. Saturday and 9:00 a.m. Sunday.

The Facility will have limited noise-producing equipment onsite, consisting of the inverters and transformers. The loudest piece of equipment onsite will be the inverters; per the manufacturer's specifications, this equipment will generate a maximum sound level of 60 dBA at 3 feet away. The inverters only operate during daytime hours and are less than the 61 dBA allowable per the noise ordinance.

During the short-term construction period, the Petitioner expects that some typical construction equipment noise will occur. However, such noise will be minimal and will be limited to daytime construction hours, and will not exceed the 61 dBA threshold.

J. Lighting

No exterior lighting is planned for the Facility. There is currently lighting on Site associated with the existing development that will remain.

K. FAA Determination

The Project was reviewed using the Federal Aviation Administration (the "FAA") Noise Criteria Tool to determine if the Project needed to file with the FAA under the provisions of 49 U.S.C., Section 44718 and Title 14 of the Code of Federal Regulations, part 77. The Project was required to file with the FAA due to its proximity to a navigation facility and the potential for impacting the assurance of navigation signal reception. The Petitioner filed with the FAA on January 21, 2022 and was issued a determination of no hazard to air navigation on March 14, 2022. The temporary crane structure was also determined to have no hazard to air navigation, provided that the crane is marked/lighted in accordance with the FAA Advisory circular 70-7460-1 M and that the Manager(s) of the Bradley International Airport ("BDL") and the Airport Traffic Control Tower ("ATCT") be notified at least 3 business days prior to the crane being installed and again when the structure is removed from the Site. Site contact information will also be provided to the BDL ATCT.

The FAA, on May 11, 2021, published its final policy aimed at ensuring that airport solar projects don't create hazardous glare. This revised policy states "FAA has subsequently concluded that in most cases, the glint and glare from solar energy systems to pilots on final approach is similar to glint and glare pilots routinely experience from water bodies, glass facade buildings, parking lots, and similar features".⁶ As such the FAA no longer requires a glare study be completed for solar projects unless they are located on airport properties that have airport traffic control towers. See Appendix H for the FAA's determination on the Project.

L. Scenic and Recreational Areas

The closest scenic and recreational area to the Site is Northwest Park. Northwest Park is located just under one mile from the Site to the east. The Facility will be located on the rooftop of the existing building and there will be no changes to the visibility to the surrounding areas as a result of this Project.

M. Visibility Evaluation

The Facility will be located on the rooftop of the existing building on Site and accordingly the Petitioner does not anticipate any adverse visual impacts will result from the development of the Project.

⁶ 14 CFR Part 77 Federal Aviation Administration Policy: Review of Solar Energy System Projects on Federally-Obligated Airports; <https://www.govinfo.gov/content/pkg/FR-2021-05-11/pdf/2021-09862.pdf>

VII. CONCLUSION

As demonstrated by the foregoing, Petitioner's proposed Project will result in no air emissions, has no potential effects on natural resource(s), and complies with the applicable air and water quality standards of CT DEEP. Pursuant to CGS §16-50k(a), the Siting Council shall approve by declaratory ruling the construction or location of a grid-side distributed resources project or facility with a capacity of not more than 65 MW, as long as such project meets CT DEEP air and water quality standards and will not have a substantial adverse environmental effect. As amply demonstrated in this Petition, the Project satisfies these criteria.

The Petitioner, therefore, respectfully requests that the Siting Council issue a declaratory ruling that the proposed Project will comply with CT DEEP air and water quality standards, will not have a substantial adverse environmental effect, and does not require the issuance of a Certificate by the Siting Council.

Respectfully Submitted,

VCP ECP, LLC



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