PETITION NO. 1310A
QUINEBAUG SOLAR, LLC
FINAL REPORT

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1. *All agreements with abutters or other property owners regarding special maintenance precautions.*

   Quinebaug Solar entered into an agreement with the landowner and the mineral rights owners to conserve certain areas of land identified in pink on the attached map as "Conservation Areas" (Figure 1) which were approved by the Connecticut Siting Council (CSC) on August 9, 2022. These conserved areas include wetlands and watercourses and associated buffers, and Herpetological Protection Area and Spadefoot Toad Protection Area (including Pool C). The conservation agreement is for life of the Quinebaug Solar Project (Project).

2. *Significant changes of the D&M plan that were required because of the property rights of underlying and adjoining owners or for other reasons.*

   There was one significant change to the Partial D&M Plan that was requested February 4, 2021 (approved by the CSC on February 9, 2021) to expand the area associated with Canterbury Switching Station by approximately 0.266 acre, and to modify the path of the access easement to directly abut the Collector Substation and Canterbury Switching Station. The expanded area was necessary to accommodate the electrical interconnection, and modify the path of the access easement due to challenges associated with site conditions.

   Additionally, there were two significant changes to the Partial D&M Plan II. The first request was made on June 4, 2022 (approved by the CSC on June 10, 2022), which encompassed the following modifications.

   - Adjust the quantity and wattage of the solar panels to accommodate a reduction in developable area resulting from changes in the Connecticut Department of Energy and Environmental Protection (DEEP) General Permit, as well as Natural Diversity Database (NDDB) requirements to modify and enhance resource buffers and protection areas on site. The quantity and wattage of solar panels was changed from approximately 179,128 at 410 Watts each to approximately 149,604 at 445 Watts each, resulting in a revised total system size of 66.57 MW DC and a reduced Project footprint.
   - Height to the top of the solar panels was modified from approximately 6.0 feet to approximately 6.3 feet, and the quantities of cut and fill increased from 69,422 cubic yards (cy) and 42,385 cy to 77,260 cy and 169,885 cy, respectively.
   - Minor relocation and/or removal of equipment pads, access roads, and certain solar panels related to DEEP and NDDB requirements and did not increase the Project's overall footprint.

   The second significant change to the Partial D&M Plan II was requested on August 5, 2022 (approved by the CSC on August 9, 2022) to modify the existing Conservation Area footprint due to the approved reduction in the overall Project footprint, including the elimination of an area that had been originally proposed for solar panels in the northwest corner of the site.

   Additional notices and/or information filings also were provided to the CSC on matters considered to be minor changes to the D&M Plans. The information included, but was not

limited to, changes to species of planted trees, work hours, use of a temporary control enclosure, and a notice of a change in ownership.

3. *The location of construction materials which have been left in place including, but not limited to, culverts, erosion control structures along watercourses and steep slopes, and corduroy roads in regulated wetlands.*

   With the exception of materials and debris identified for the Project Substation area in the table below, no other temporary construction materials remain on the Project site. The spool of spare electrical cable will remain for use as needed during operations to repair electrical systems, and the construction debris is scheduled to be permanently removed from the Project site in the first quarter of 2023.

Sheet ID	Description	Location
n/a	Spools of spare electrical cabling	Substation
n/a	Construction debris staged for removal (Q1 2023)	Substation

4. *The location of areas where special planting and reseeding have been done.*

   Approximately 5,980 total linear feet of vegetative screening were planted to mitigate potential visual impacts in the following locations: along Wauregan Road (in the vicinity of Liepis Road), along Liepis Road in the southeastern portion of the Project site (Canterbury, Connecticut), and along portions of Allen Hill Road and Rukstela Road in the northern portion of the Project site (Brooklyn, Connecticut) (Figure 2, see Vegetative Screening). Stabilization and restoration seeding was distributed throughout the site where soil disturbance occurred. The Eastern Connecticut Conservation District issued their final stabilization report for the Project on July 6th, 2022.

5. *The actual construction cost of the facility, including, but not limited to, the following costs:*

   A) Clearing and access;

   B) Construction of the facility and associated equipment;

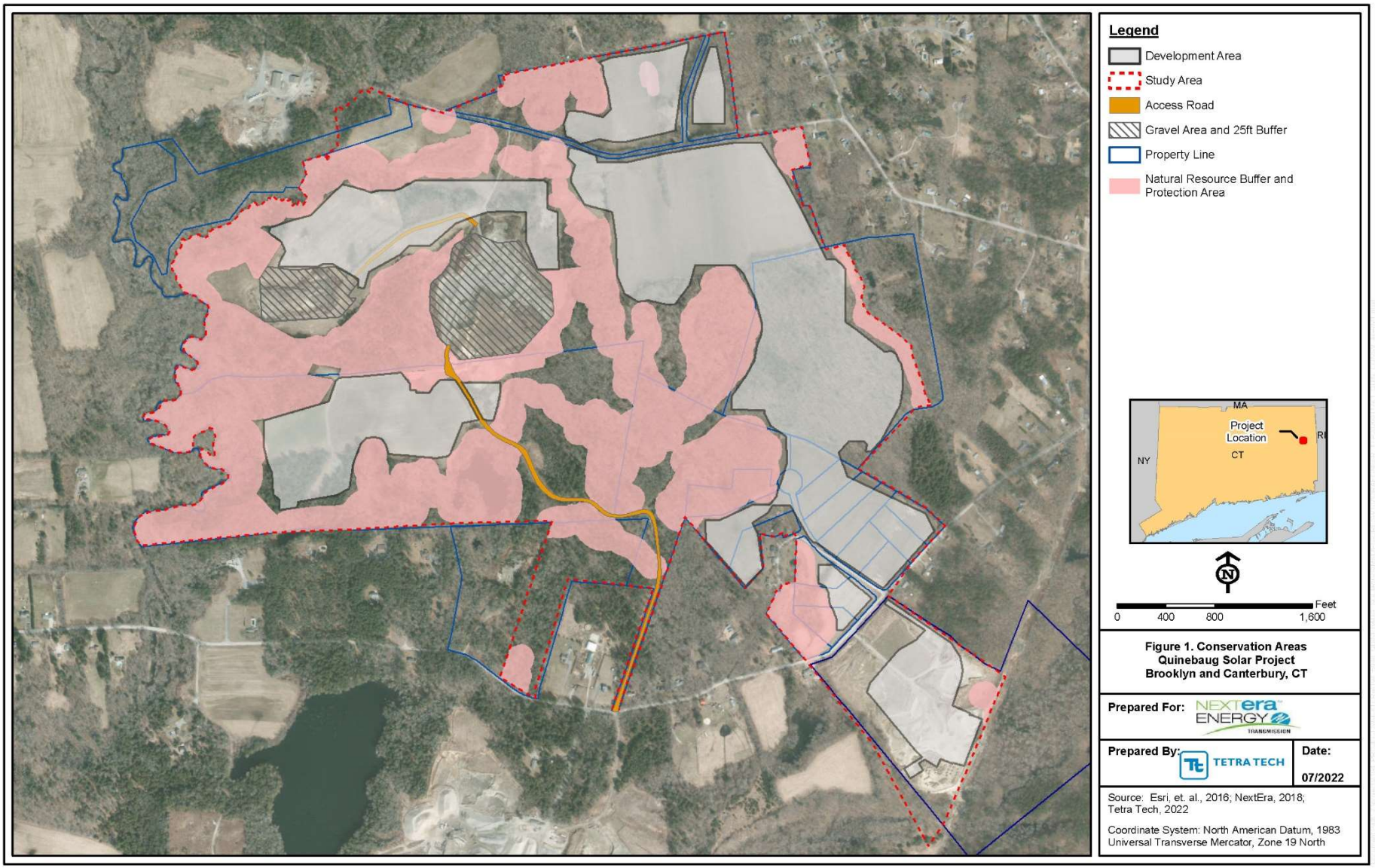
   C) Rehabilitation; and

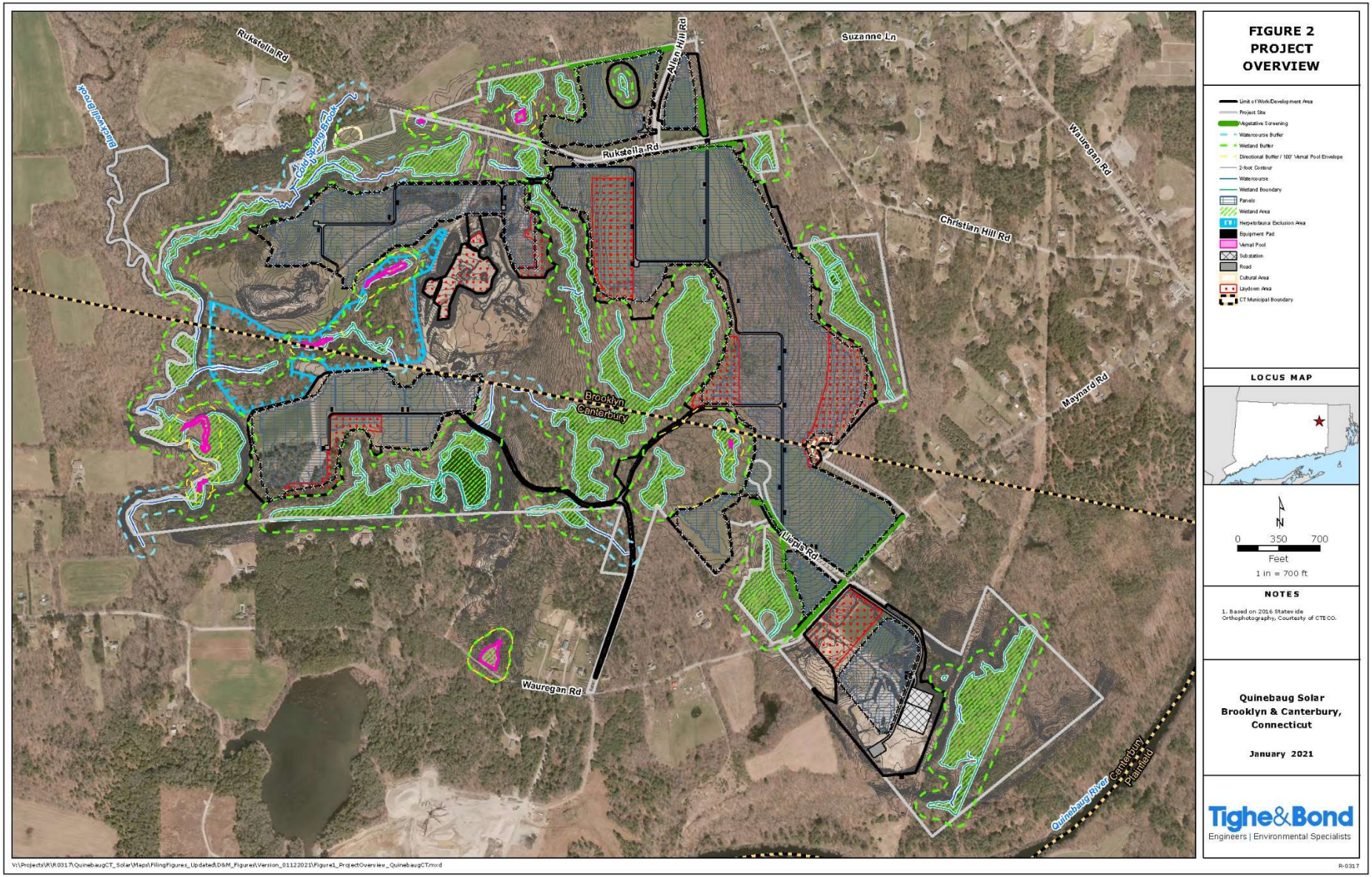
   D) Property acquisition for the site or access to the site.

Component	Cost
Clearing & Access	
Construction of Facility and Associated Equipment	
Rehabilitation	
Property acquisition for the site or access to the site*	
Total Construction Cost	

*Note: Total cost for lease payments during project life

Figures


Legend
Development Area
Study Area
Access Road
Gravel Area and 25ft Buffer
Property Line
Natural Resource Buffer and Protection Area
MA
Project Location
CT
NY
N
0
400
800
1,600
Feet
Figure 1. Conservation Areas
Quinebaug Solar Project
Brooklyn and Canterbury, CT
Prepared For:
NEXTera ENERGY TRANSMISSION
Prepared By:
TETRA TECH
Date:
07/2022
Source: Esri, et. al., 2016; NextEra, 2018; Tetra Tech, 2022
Coordinate System: North American Datum, 1983 Universal Transverse Mercator, Zone 19 North
Not for Construction


Rukstella Rd
Allen Hill Rd
Suzanne Ln
Blackwell Brook
Cold Spring Brook
Rukstella Rd
Wauregan Rd
Christian Hill Rd
Brooklyn
Canterbury
Maynard Rd
Harris Rd
Wauregan Rd
Quinebaug River
Canterbury
Plainfield
FIGURE 2
PROJECT
OVERVIEW
Limit of Work/Development Area
Project Site
Vegetative Screening
Watercourse Buffer
Wetland Buffer
Directional Buffer / 100' Vernal Pool Envelope
2-foot Contour
Watercourse
Wetland Boundary
Panels
Wetland Area
Herpetofauna Exclusion Area
Equipment Pad
Vernal Pool
Substation
Road
Cultural Area
Laydown Area
CT Municipal Boundary
LOCUS MAP
N
0
350
700
Feet
1 in = 700 ft
NOTES
1. Based on 2016 Statewide Orthophotography, Courtesy of CTECO.
Quinebaug Solar
Brooklyn & Canterbury,
Connecticut
January 2021
Tighe&Bond
Engineers | Environmental Specialists
V:\Projects\R\R0317\QuinebaugCT_Solar\Maps\FilingFigures_Updated\D&M_Figures\Version_01122021\Figure1_ProjectOverview_QuinebaugCT.mxd
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