

From: Dean Gustafson <dgustafson@allpointstech.com>

Sent: Friday, August 13, 2021 5:30 PM

To: Bachman, Melanie <Melanie.Bachman@ct.gov>

Cc: Ryan Chambers <rchambers@adapturerenewables.com>; David FitzGerald <dfitzgerald@adapturerenewables.com>; Don Brodhecker <DBrodhecker@csenergy.com>; Deb Leonardo <DLeonardo@allpointstech.com>

Subject: RE: Petition No. 1345A – North Stonington Solar Center, LLC - Minor Modification to D&M Plan Request - Army Corps issues Wetland Permit

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Good afternoon Ms. Bachman,

Please find attached the self-verification permit (File No. NAE-2019-00514) that was issued yesterday (8/12) by the Army Corps of Engineers New England District for the utility maintenance road wetland crossing.

Let me know if you would like a hard copy of this permit mailed to your office.

Thank you and have a great weekend!

Dean

DEAN GUSTAFSON
SENIOR WETLAND SCIENTIST

M | 860.984.9515

All-Points Technology Corporation



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MASSACHUSETTS 01742-2751

12 August 2021

Regulatory Division
File Number: NAE-2019-00514

Ryan Chambers
North Stonington Solar Center, LLC c/o Adapture
Renewables Inc. 1901 Harrison Street, Suite 1630
Oakland, CA 94612

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Dear Mr. Chambers:

PROPOSED WORK/LOCATION: Installation of 16-wide maintenance road wetland and culverted stream crossing for access to energy substation in Pawcatuck, CT.

We have reviewed your proposal to perform work within Corps of Engineers jurisdiction. We have assigned this file number NAE-2019-00514. Please reference this number in any future correspondence with us.

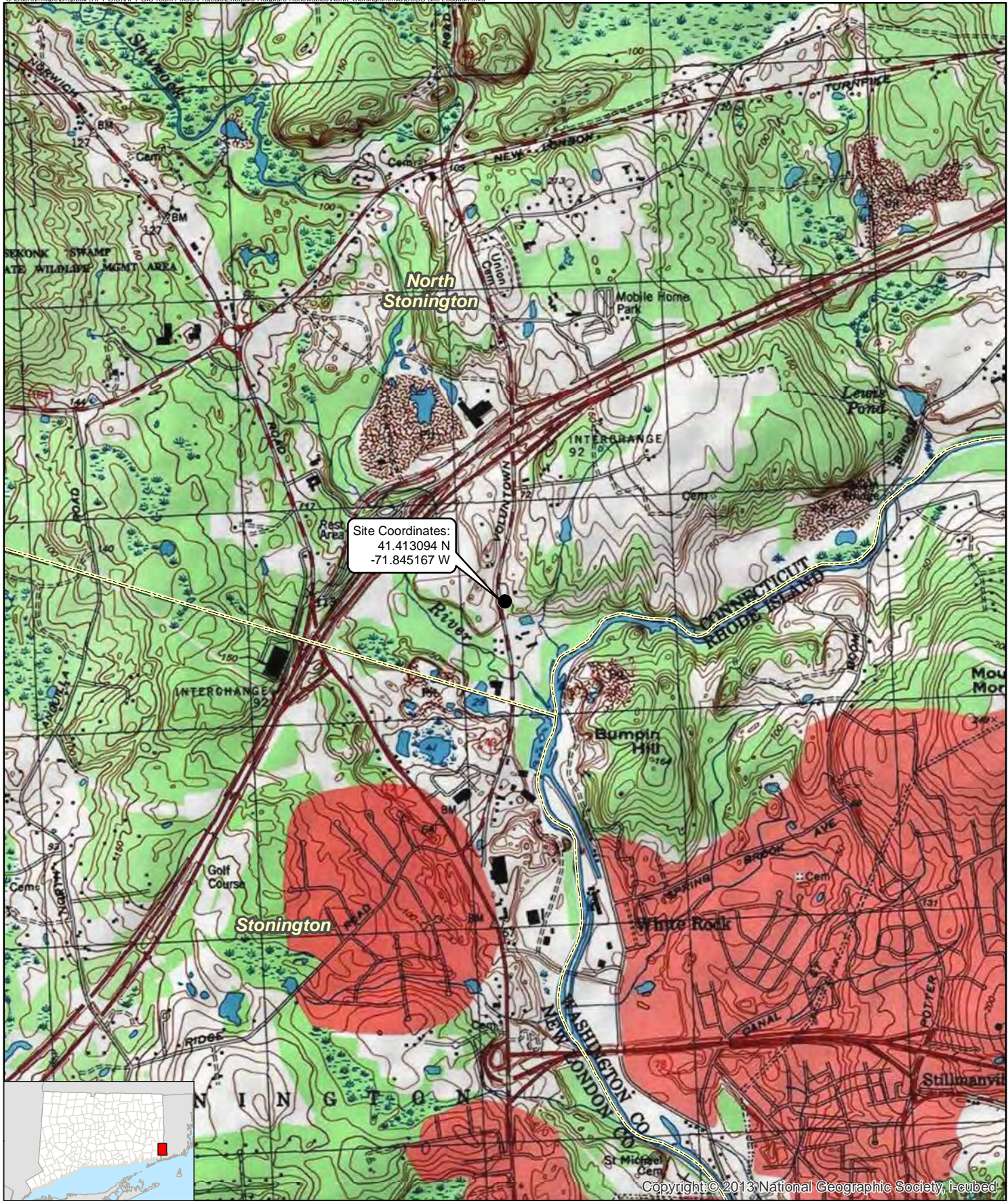
Since your project may have only minimal individual and cumulative impacts on waters and wetlands of the United States, it is authorized by the Corps of Engineers under the Connecticut General Permits (GPs). This authorization does not obviate the need to obtain other federal, state, or local approvals. You are responsible for ensuring that the work meets the terms and conditions of the CT GPs. We have recorded this project as permittee self-verification of the CT GPs in our database.

Please contact me at (978) 318-8703 if you have any questions.

Sincerely,

Kevin R. Kotelly, P.E.
Chief, Permits & Enforcement Branch
Regulatory Division

Enclosure (plans)

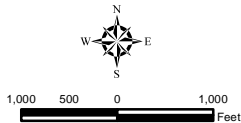


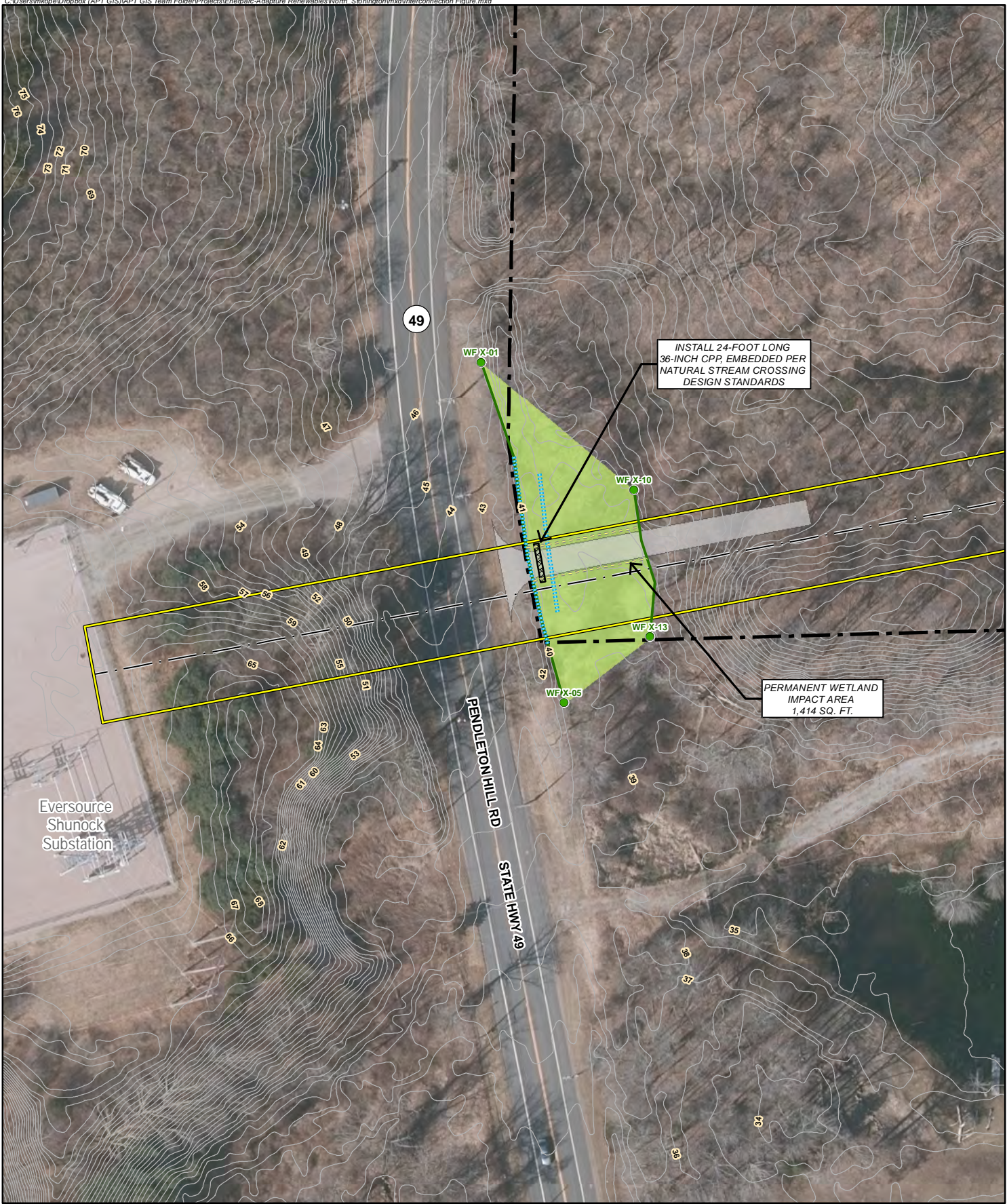
- Legend**
- Site
 - Municipal Boundary

Site Location Map

North Stonington Solar Center, LLC
 Electrical Interconnection to
 Shunock Substation
 Pendleton Hill Road
 North Stonington, CT

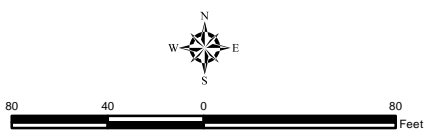
Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic
 Quadrangle Map, Ashaway, CT (1984)
 Map Scale: 1:24,000
 Map Date: July 2021





- Legend**
- Site Boundary
 - Limit of Disturbance
 - - - Proposed Overhead Utilities
 - ==== Limits of Fill
 - ▨ Proposed Corrugated Plastic Pipe
 - ▭ Proposed 16' Wide Access Drive
 - Wetland Flag
 - Delineated Wetland Boundary
 - ⋯ Delineated Intermittent Watercourse Bank
 - Approximate Wetland Area

Map Notes:
 Base Map Source: 2019 CT Aerial Imagery (CTECO)
 Map Scale: 1 inch = 80 feet
 Map Date: July 2021



Electrical Interconnection to Shunock Substation
 North Stonington Solar Center, LLC
 Pendleton Hill Road
 North Stonington, CT



LEGEND	
6	PROPOSED SITE ACCESS ROAD (SEE C-400)
7	WETLAND W/BUFFER
8	SITE FENCE LINE (SEE C-402)
9	SITE LIMIT OF DISTURBANCE
10	SITE BOUNDARY
11	RIVER OR CREEK
12	100 YEAR FLOOD ZONE
13	SITE ENTRANCE ROAD (SEE ESC 300/ DETAIL 1 & ESC 301)
14	TREE CLEARING (GRUBBING, STABILIZE AFTER CLEARING)
15	TREE CLEARING (NO GRUBBING)
16	TREE CLEARING (SELECTIVE)
17	SILT FENCE (SEE ESC-302)
18	CONSTRUCTION ENTRANCE/EXIT (SEE ESC-300)
19	SLOPE MATTING (SEE ESC-301)
20	CONCRETE WASHOUT (SEE ESC-300)
21	MULCH FOR SEED/LANDSCAPE MULCH
22	SILT FENCE OUTLET (SEE ESC-302)
23	SEDIMENT BASIN, OR SEDIMENT BERM
24	TEMPORARY LAYDOWN YARD
75	MAJOR CONTOUR
76	MINOR CONTOUR

CULVERT CROSSING CONSTRUCTION NOTES: :

- BACKFILLING SHALL BE PERFORMED IN ACCORDANCE WITH CT DOT STANDARDS AND SPECIFICATIONS.
- BACKFILLING ADJACENT TO PIPES OR STRUCTURES SHALL BE OF THE TYPE AND QUALITY CONFORMING TO THAT SPECIFIED FOR ADJOINING FILL MATERIAL.
- PLACE FILL AROUND CPP IN HORIZONTAL LAYERS NOT TO EXCEED FOUR INCHES THICK AND COMPACT TO 95% MDD STANDARD PROCTOR (ASTM D698).
- FILL MATERIAL SHALL COMPLETELY FILL ALL SPACES UNDER AND ADJACENT TO CPP.
- COUPLING BANDS, ANTI-SEEP COLLARS, END SECTIONS, ETC.(IF USED), SHALL BE COMPOSED OF THE SAME MATERIAL AND COATINGS AS THE CPP.
- PIPE CONNECTIONS SHALL BE WATERTIGHT.
- THE CPP SHALL BE FIRMLY AND UNIFORMLY BEDDED THE ENTIRE LENGTH OF THE PIPE.
- ROCK, SOFT SOIL, SPONGY MATERIAL, OR OTHER UNSTABLE DELETERIOUS SOIL SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL.
- 36"CPP CULVERT SHALL BE SET SUCH THAT 25% OF THE PIPE OR 12" OF THE PIPE, WHICHEVER IS LESS, IS BELOW STREAMBED ELEVATION.
- CULVERTS SHALL BE BACKFILLED WITH NATURAL STREAM CHANNEL SEDIMENT THROUGHOUT TO NATURAL STREAMBED ELEVATION.
- OUTFALL PROTECTION SHALL CONSIST OF 12" THICK, 6" ANGULAR RIPRAP.
- HEADWALLS SHALL BE COVERED WITH 3" ANGULAR ROCK 6" THICK.

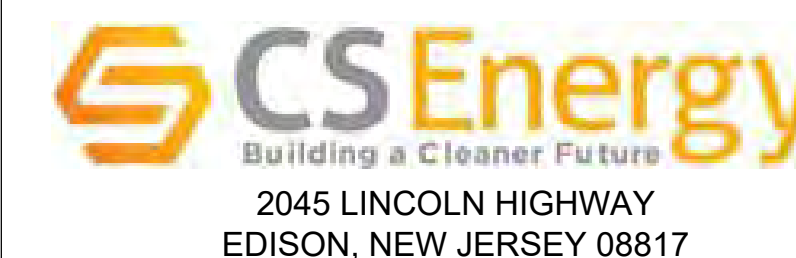
MAP LEGEND (1"=1000')



18859 MICROTRONICS WAY
SONORA, CALIFORNIA 95370
CONNECTICUT PROFESSIONAL
ENGINEERING CORPORATION #PEC.0001969

REV	DESCRIPTION	DATE
6	ISSUED FOR CONSTRUCTION - DRAFT	9/4/2020
7	ISSUED FOR CONSTRUCTION - DRAFT	9/18/2020
8	ISSUED FOR CONSTRUCTION - DRAFT	10/22/2020
9	ISSUED FOR CONSTRUCTION - DRAFT	11/06/2020
10	ISSUED FOR CONSTRUCTION	3/22/2021
11	ISSUED FOR CONSTRUCTION	06/25/2021

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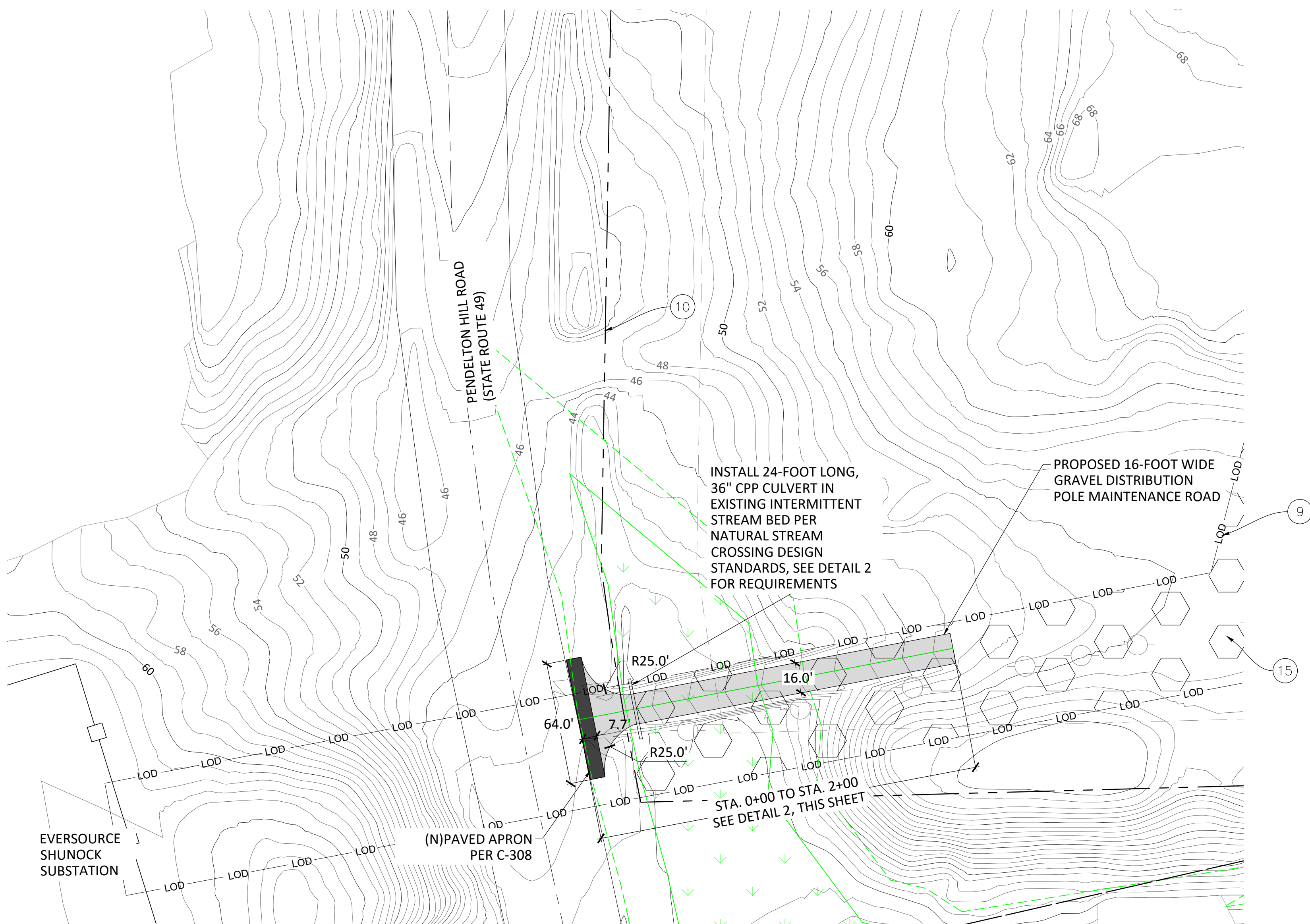
PROJECT NAME:
STONINGTON SOLAR PROJECT

PROJECT ADDRESS:
ELLA WHEELER RD.
NORTH STONINGTON, CT 06359
41° 25' 9.71"N, 71° 50' 4.83"W

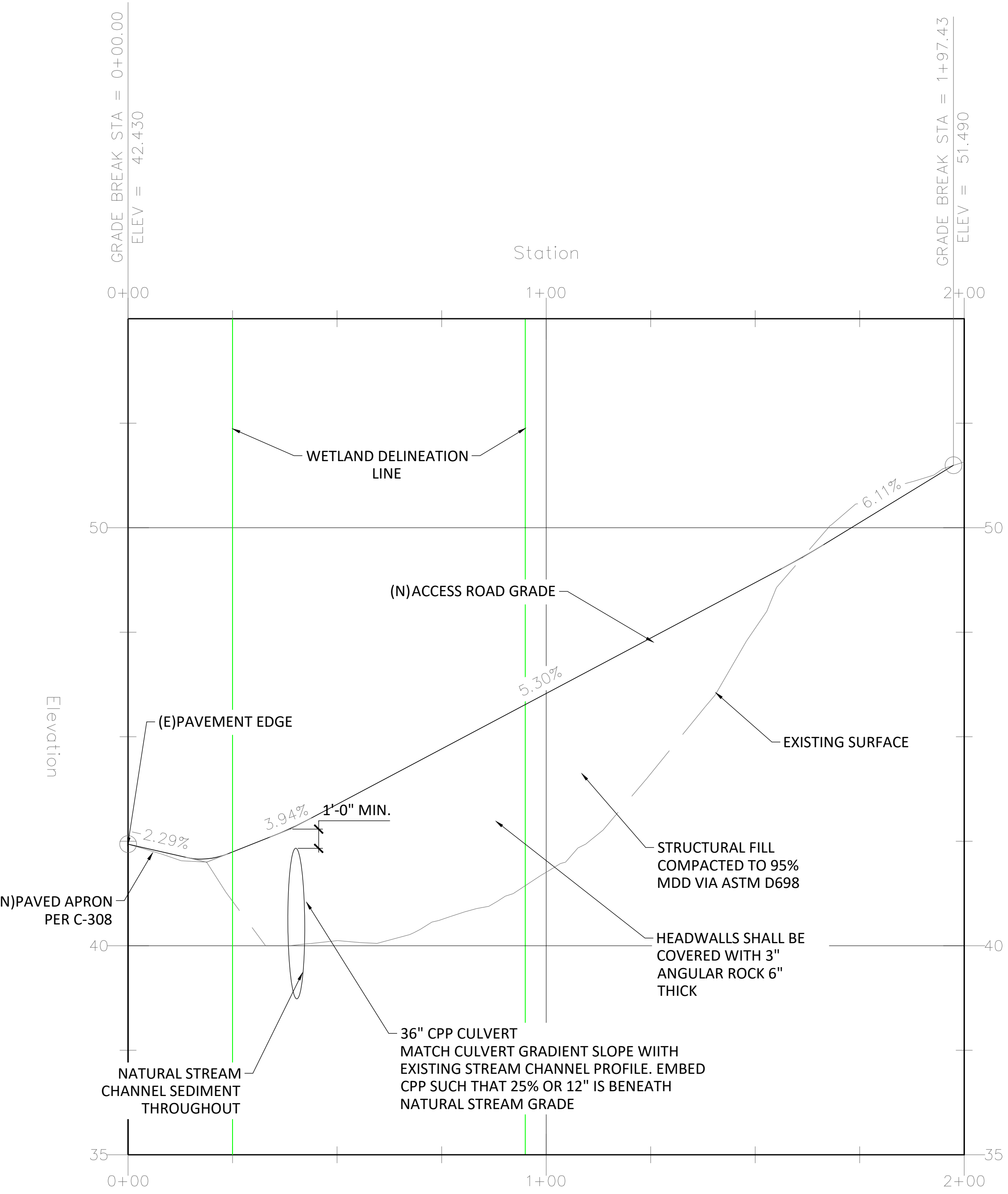
SEAL:	DATE: 21-APR-22
	PROJECT #: 20200309_CT
	DRAWN BY: MMM
	CHECKED BY: DRG

TITLE:
ELECTRICAL INTERCONNECTION TO SHUNOCK SUBSTATION

SHEET:
C-218



1 ELECTRICAL INTERCONNECTION TO SHUNOCK SUBSTATION
Scale: 1" = 40'



2 ROAD PROFILE
Scale: H-1" = 20' V-1"=2'





Photo 1: View of proposed wetland crossing for utility interconnection maintenance road looking northwest. Pendleton Hill Road (Route 49) and substation entrance located in left side of photo.



Photo 2: View of proposed seasonal intermittent watercourse crossing looking south. Pendleton Hill Road (Route 49) located in right side of photo (distribution line/pole).