



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

VIA ELECTRONIC MAIL

July 30, 2021

Dean Gustafson
Professional Soil Scientist & Senior Wetland Scientist
All-Points Technology Corporation
567 Vauxhall Street Extension – Suite 311
Waterford, CT 06385

RE: **PETITION NO. 1345A** – North Stonington Solar Center, LLC declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 15 MW AC solar photovoltaic electric generating facility on approximately 353 acres comprised of four abutting parcels located east of Pendleton Hill Road, north of the Pawcatuck River and south of Interstate-95 with proposed access from Ella Wheeler Road, and associated electrical interconnection to Eversource Energy's Shunock Substation west of Pendleton Hill Road in North Stonington, Connecticut.

Dear Mr. Gustafson:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated July 29, 2021 requesting a change to the Development and Management (D&M) Plan for the above-referenced project that was approved by the Council on August 28, 2020. The requested modification includes approximately 1,414 square feet of permanent impacts to wetlands to accommodate an electrical interconnection maintenance access drive and an associated culvert crossing of an intermittent watercourse adjacent to Route 49 that was not previously identified. The intermittent watercourse crossing will be designed in accordance with natural stream crossing design standards.

Pursuant to Regulations of Connecticut State Agencies §16-50j-62(b), your request is hereby approved. This approval applies only to the D&M Plan revision dated July 29, 2021. Any significant changes to the D&M Plan require advance Council notification and approval. Furthermore, the project developer is responsible for reporting requirements pursuant to Regulations of Connecticut State Agencies Section 16-50j-62.

Please be advised that deviations from the standards established by the Council in the Amended Declaratory Ruling and approved D&M Plan are enforceable under the provisions of Connecticut General Statutes § 16-50u.

Thank you for your attention and cooperation.

Sincerely,

s/Melanie A. Bachman

Melanie A. Bachman
Executive Director





July 29, 2021

Via Electronic Mail and FedEx

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: Petition No. 1345A – North Stonington Solar Center, LLC
Development and Management Plan Modification for
electrical interconnection distribution pole maintenance access

Dear Ms. Bachman,

North Stonington Solar Center, LLC respectfully requests staff approval of a minor modification to the Development and Management Plan ("D&M Plan") for the above-referenced project. This minor modification is associated with a gravel access for maintenance of electrical distribution poles from Pendleton Hill Road (State Route 49) as required by Eversource Energy for the Shunock Substation interconnection agreement.

The 200-foot long by 16-foot wide gravel access, which included a proposed culvert, was depicted on the Connecticut Siting Council ("Council")-approved D&M Plan. An intermittent stream and narrow wetland feature located relatively close to Pendleton Hill Road was missing from the area of the proposed electrical interconnection maintenance access in the approved D&M Plan. As a result, the electrical interconnection maintenance access which has been constructed permanently impacts $\pm 1,414$ square feet ("sf") of wetlands. A 24-foot long, 36-inch corrugated plastic pipe culvert was recently installed within the channel of the intermittent stream in accordance with natural stream crossing design standards to minimize impact to this seasonal stream resource. The Council's declaratory ruling for Petition No. 1345 (October 26, 2018) included permanent impact to Wetland 1 associated with an access road crossing resulting in $\pm 1,650$ sf of impact. With the Council's approved amendment to the declaratory ruling (Petition No. 1345A, August 28, 2020), the crossing of Wetland 1 was eliminated with the revised design. Comparing the Wetland 1 wetland impact to the electrical interconnection maintenance access, the project overall reduced its permanent wetland impact by ± 236 sf as a result of this minor project change. An Electrical Interconnection to Shunock Substation figure and Electrical Interconnection to Shunock Substation Plan, Sheet No. C-218 are enclosed providing details of the referenced access and wetland crossing.

ALL-POINTS TECHNOLOGY CORPORATION, P.C.

3 SADDLEBROOK DRIVE · KILLINGWORTH, CT 06419 · PHONE 860-663-1697 · FAX 860-663-0935

P.O. BOX 504 · 116 GRANDVIEW ROAD · CONWAY, NH 03818 · PHONE 603-496-5853 · FAX 603-447-2124

North Stonington Solar Center, LLC submitted a Self-Verification Notification Form ("SV") application to the U.S. Army Corps of Engineers New England District ("Corps") on July 16, 2021, under the Department of the Army General Permits for the State of Connecticut ("CT GP"). SV eligible work activities are authorized upon submission under the CT GP. The Corps will issue an authorization letter typically within a month of receipt of the SV application, a copy of which will be provided to the Council upon receipt.

North Stonington Solar Center, LLC is in the process of securing an Encroachment Permit from the Connecticut Department of Transportation District 2 for access onto State Route 49 (Pendleton Hill Road) and will forward the Encroachment Permit under separate cover upon receipt.

Thank you for your consideration of this minor D&M Plan change. If you have any questions regarding the above-referenced information or require additional materials, please feel free to contact me by telephone at (860) 552-2033 or via email at dgustafson@allpointstech.com.

Sincerely,

All-Points Technology Corporation, P.C.



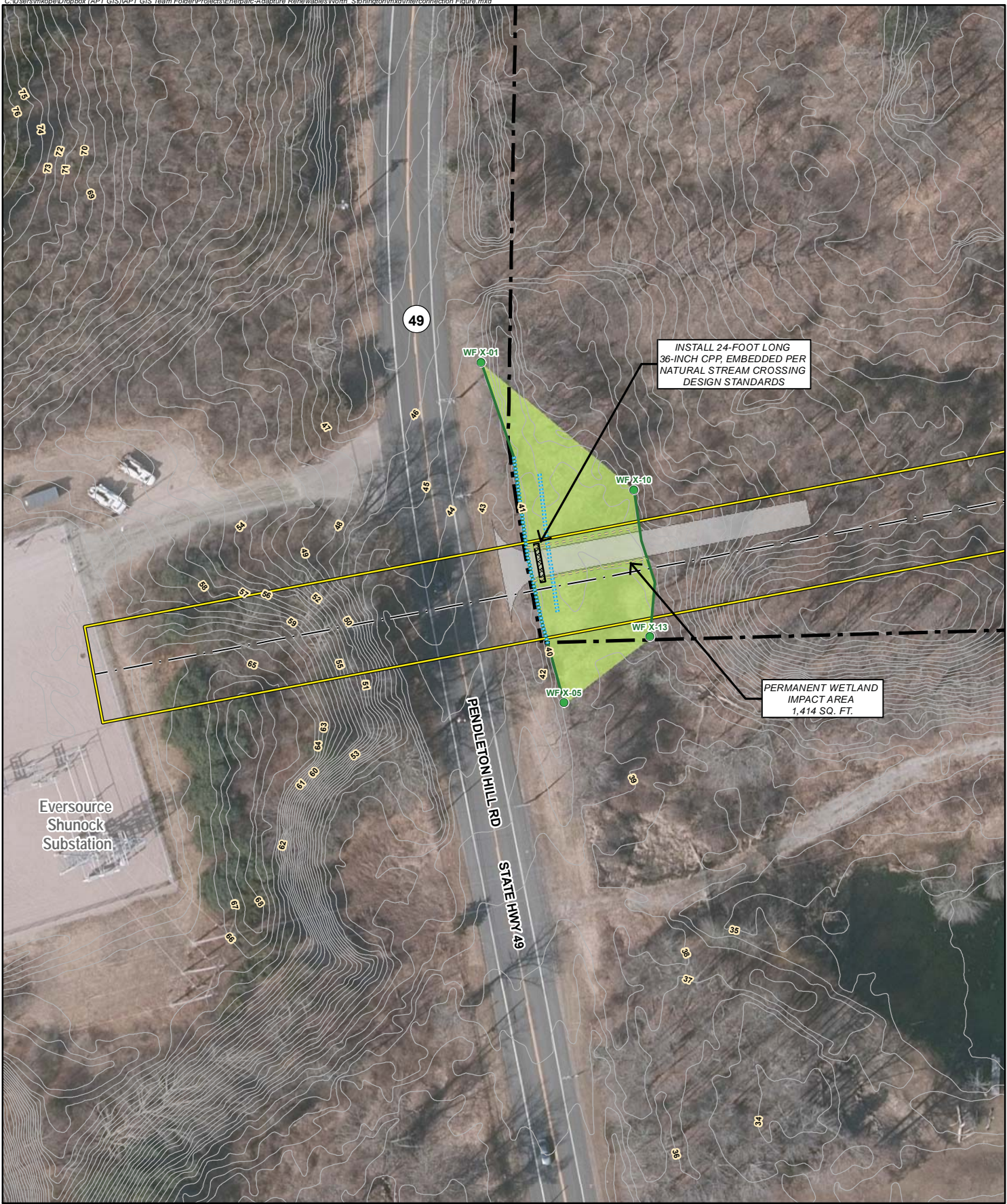
Dean Gustafson
Professional Soil Scientist

Enclosures

cc: Ryan E. Chambers, Adapture Renewables, Inc.
David FitzGerald, Adapture Renewables, Inc.
Don Brodhecker, CS Energy

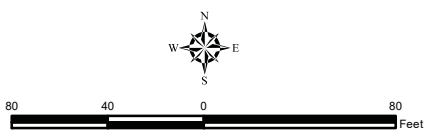
Attachments

- Electrical Interconnection to Shunock Substation Figure
- Electrical Interconnection to Shunock Substation Plan,
Sheet No. C-218



- 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
-	-	-
-	-	-
-	-	-

CONFIDENTIAL:
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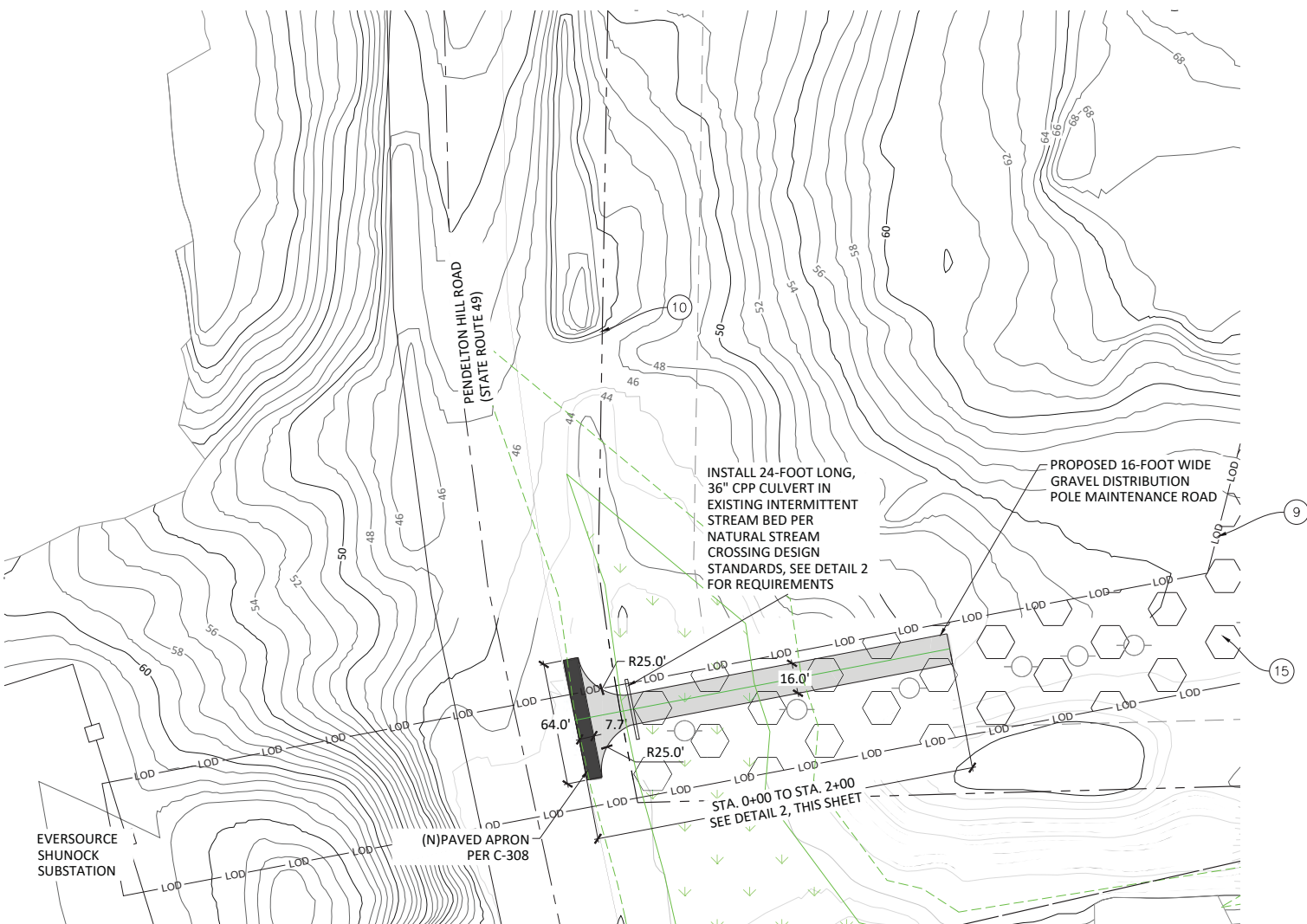
PROJECT NAME:
STONINGTON SOLAR PROJECT

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

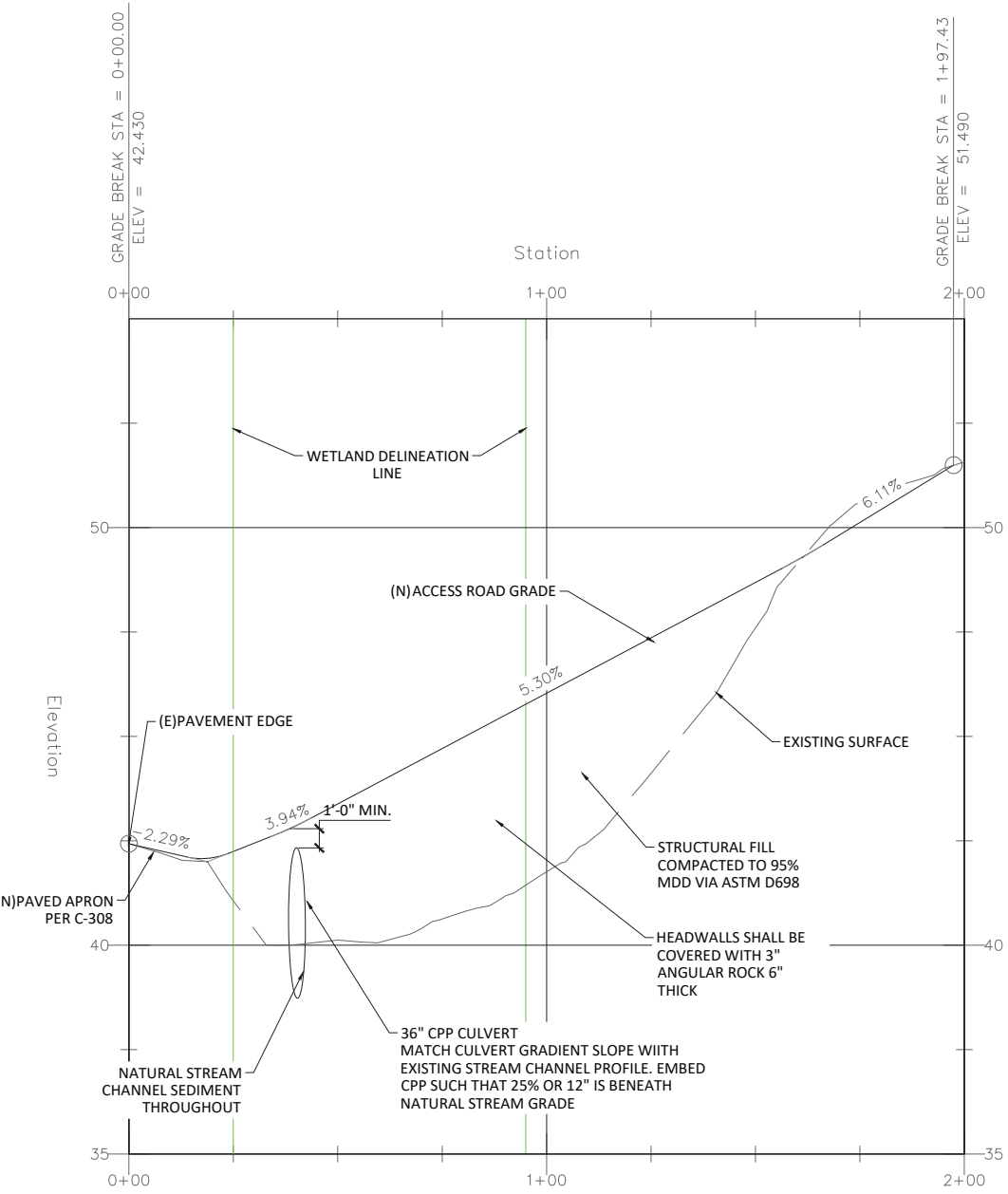
SEAL:	DATE: 21-APR-22
	PROJECT #: 20200309_CT
	DRAWN BY: MMM
	CHECKED BY: DRG

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'

