



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

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

October 7, 2024

Paul R. Michaud, Esq.
Michaud Law Group LLC
515 Centerpoint Drive, Suite 503
Middletown, CT 06457
pmichaud@michaud.law

RE: **PETITION NO. 1599** – TRITEC Americas, LLC Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the construction, maintenance and operation of a 0.999-megawatt AC solar photovoltaic electric generating facility located at Parcel No. 30-25-59 Spencer Street, Suffield, Connecticut, and associated electrical interconnection. **Compliance with Condition No. 3.**

Dear Attorney Michaud:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated October 4, 2024 regarding compliance with Condition No. 3 of the Declaratory Ruling issued by the Council on April 26, 2024 for the above-referenced facility. The correspondence includes the final structural design of the racking system, stamped by a Professional Engineer duly licensed in the State of Connecticut, in accordance with Condition No. 3.

Therefore, the Council acknowledges that Condition No. 3 has been satisfied. This acknowledgment applies only to the condition satisfied by the October 4, 2024 correspondence.

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

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman
Executive Director

MAB/RDM/dll

c. Service List, dated November 15, 2023



PAUL R. MICHAUD
Managing Attorney / Principal
515 Centerpoint Drive, Suite 503
Middletown, CT 06457
Direct Telephone: (860) 338-3728
Email: pmichaud@michaud.law
Web: www.michaud.law

October 4, 2024

VIA ELECTRONIC MAIL

Melanie Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **PETITION NO. 1599** – TRITEC Americas, LLC notice of election to waive exclusion from Connecticut Siting Council jurisdiction, pursuant to Connecticut General Statutes §16-50k, and petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 0.999-megawatt AC solar photovoltaic electric generating facility located at Parcel No. 30-25-59 Spencer Street, Suffield, Connecticut, and associated electrical interconnection. **Satisfaction of Condition No. 3.**

Dear Attorney Bachman:

On behalf of TRITEC Americas, LLC (“Petitioner”), Michaud Law Group submits this letter to the Connecticut Siting Council (the “Council”) in response to Council’s Final Decision dated April 26, 2024, in the above-referenced petition. Specifically, this letter is in response to the Council’s response to Petitioner dated October 4, 2024, that the Petitioner had not yet complied with Condition No. 3—submission of the final structural design for the racking system ***stamped by a Professional Engineer duly licensed in the State of Connecticut***—the condition Petitioner must complete “prior to the commencement of construction.”

Condition 3

Condition 3 requires Petitioner to “Submit the final structural design for the racking system stamped by a Professional Engineer duly licensed in the State of Connecticut prior to commencement of construction.” The final, stamped structural design is enclosed. Please see Exhibit A: Final Structural Design.

Petitioner believes they have met all the conditions required to begin constructing the project, but they will refrain from doing so until they receive Council’s acknowledgement.

Petitioner certifies that this letter was emailed to the Council and any parties on the service list, and one hard copy was mailed to the Council by first-class mail.

Please feel free to contact me if you have any questions.

Very truly yours,

A handwritten signature in blue ink that reads "Paul R. Michaud". The signature is fluid and cursive, with "Paul" on the first line and "R. Michaud" on the second line.

Paul R. Michaud

cc: Service List dated 11/15/2023

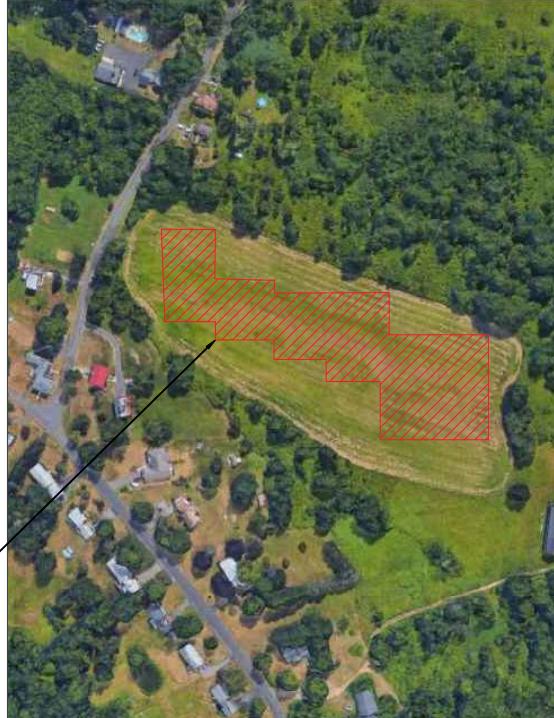
EXHIBIT A

Final Structural Design

SO	SO	SO	SO	SO	SO	SO
08/13/2024	08/13/2024	08/13/2024	08/13/2024	08/13/2024	08/13/2024	08/13/2024
SPENCER ST.	SPENCER ST.	SPENCER ST.	SPENCER ST.	SPENCER ST.	SPENCER ST.	SPENCER ST.
0	0	0	0	0	0	0
41°57'50.4"N, 72°40'12"W	41°57'50.4"N, 72°40'12"W	41°57'50.4"N, 72°40'12"W	41°57'50.4"N, 72°40'12"W	41°57'50.4"N, 72°40'12"W	41°57'50.4"N, 72°40'12"W	41°57'50.4"N, 72°40'12"W
SUFFIELD CT, 06078	SUFFIELD CT, 06078	SUFFIELD CT, 06078	SUFFIELD CT, 06078	SUFFIELD CT, 06078	SUFFIELD CT, 06078	SUFFIELD CT, 06078
HORTON ELECTRICAL SERVICES						
0 SPENCER STREET						
23000 HARVARD RD., SUITE B						
CLEVELAND, OH 44122						

PROPOSED SOLAR POWER SITE:
0 SPENCER STREET
41°57'50.4"N, 72°40'12"W
SUFFIELD CT, 06078

ARRAY LOCATION



PREPARED FOR:
HORTON ELECTRICAL SERVICES
97 RIVER ROAD
CANTON, CT 06019

GENERAL NOTES:

1. CODES AND STANDARDS:

IBC 2021	NEC 2020	ASCE 300-16	ASCE 7-16	2022 CT STATE BUILDING CODE

2. WIND DESIGN PARAMETERS:

ULTIMATE DESIGN WIND SPEED, V - 110 MPH
RISK CATEGORY - RISK CATEGORY, C - 1.00
WIND DIRECTIONALITY FACTOR, k_d - 1.00
WIND PRESSURE COEFFICIENT, C_w - 0.85
GUST FACTOR & NET PRESSURE COEFFICIENT, C_n - 0.85
-GIVEN COEFFICIENTS DETERMINED BASED ON WIND TUNNEL TESTING
-SEE SFR STRUCTURAL REPORT FOR PROJECT SPECIFIC GCN COEFFICIENTS

3. SNOW DESIGN PARAMETERS:

GROUND SNOW LOAD - 35 PSF
EXPOSURE COEFFICIENT, ζ - 0.90
SNOW IMPORTANCE FACTOR, β - 1.20
SNOW SLOPE FACTOR, γ_s - 0.80
ROOF SLOPE FACTOR, γ_r - 1.00

4. EARTHQUAKE DESIGN PARAMETERS - EQUIVALENT LATERAL FORCE:

RISK CATEGORY - I	SEISMIC DESIGN CATEGORY - D
SITE CLASS - D	SEISMIC IMPORTANCE FACTOR, I_E - 1.0
SEISMIC MODIFICATION COEFFICIENT, R - 2	SPECTRAL RESPONSE ACCELERATION PARAMETER
MAPPED DESIGN	
$S_0 = 0.170g$	$S_{0s} = 0.181g$
$S_1 = 0.0564g$	$S_{01} = 0.0386g$

5. FOUNDATIONS:

FOUNDATION DESIGN DERIVED FROM GEOTECHNICAL REPORT PROVIDED BY: GE CONSULTANTS PROJECT NO. 2104784, DATED: FEBRUARY 18, 2022
6. APPLICABLE INSTALLATION TOLERANCES (PER SINGLE TRACKER):

N-S POST SPACING: $\pm 1\frac{1}{8}$ "
POST ALIGNMENT: $\pm \frac{1}{8}$ "
POST HEIGHT OUT OF STRING-LINE: ± 1 "
POST TUBE: $\pm \frac{1}{8}$ "
TUBE TILT: ± 2 "

PROJECT SITE
NORTH

PROJECT SITE

POST TOLERANCES ARE REFERENCED AT TOP-OF-POST LOCATION.
MINIMUM RECOMMENDED CLEARANCE BETWEEN TRACKERS NO LESS THAN 12".
POST EMBODIMENT AND ABOVE GRADE TOLERANCES ARE SHOWN ON S2-S3.
S2-S3 TOLERANCES GIVEN TO ASSIST WITH VARIATIONS IN GRADE.

SHEET INDEX: FLEXTRACK S-SERIES

S1	PV MODULE SPECIFICATION SHEETS
S2	1X70 RACK PLAN VIEW ELEVATION, & NOTES
S3	1X35 RACK PLAN VIEW ELEVATION, & NOTES
S4	TRACKER CONNECTIONS - DRIVE POST & SPlice CONNECTION DETAILS
S5	TRACKER CONNECTIONS - IDLER POST & VERTICAL RAIL CONNECTION DETAILS
S6	TRACKER CONNECTIONS - DAMPER & PANEL CONNECTION DETAILS
S7	TCU COMPONENT AND CONNECTION DETAILS
S8	FOUNDATION DETAILS

LEGEND:
● REVISED, BUT NOT ISSUED

ISSUANCE/REVISION

JUN 19 2024

STAMPED SET

06/19/2024

REV



THE GREAT SEAL OF THE STATE OF CONNECTICUT

1784

RECEIVED
06/19/2024
FLEXTRACK

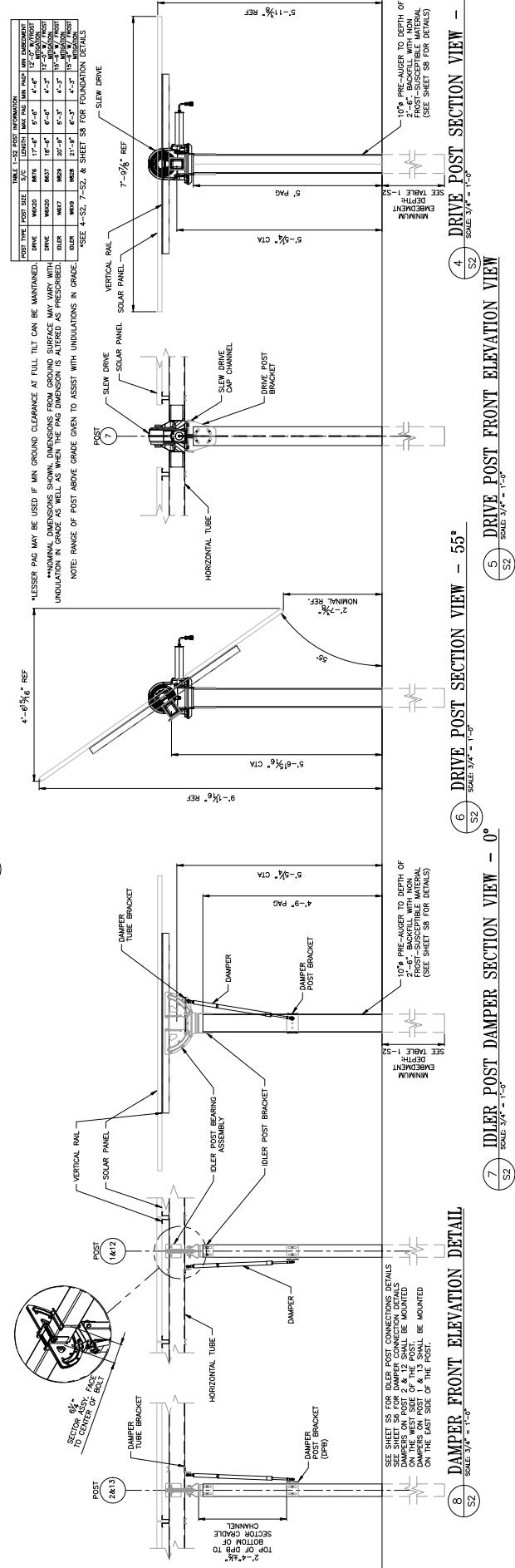
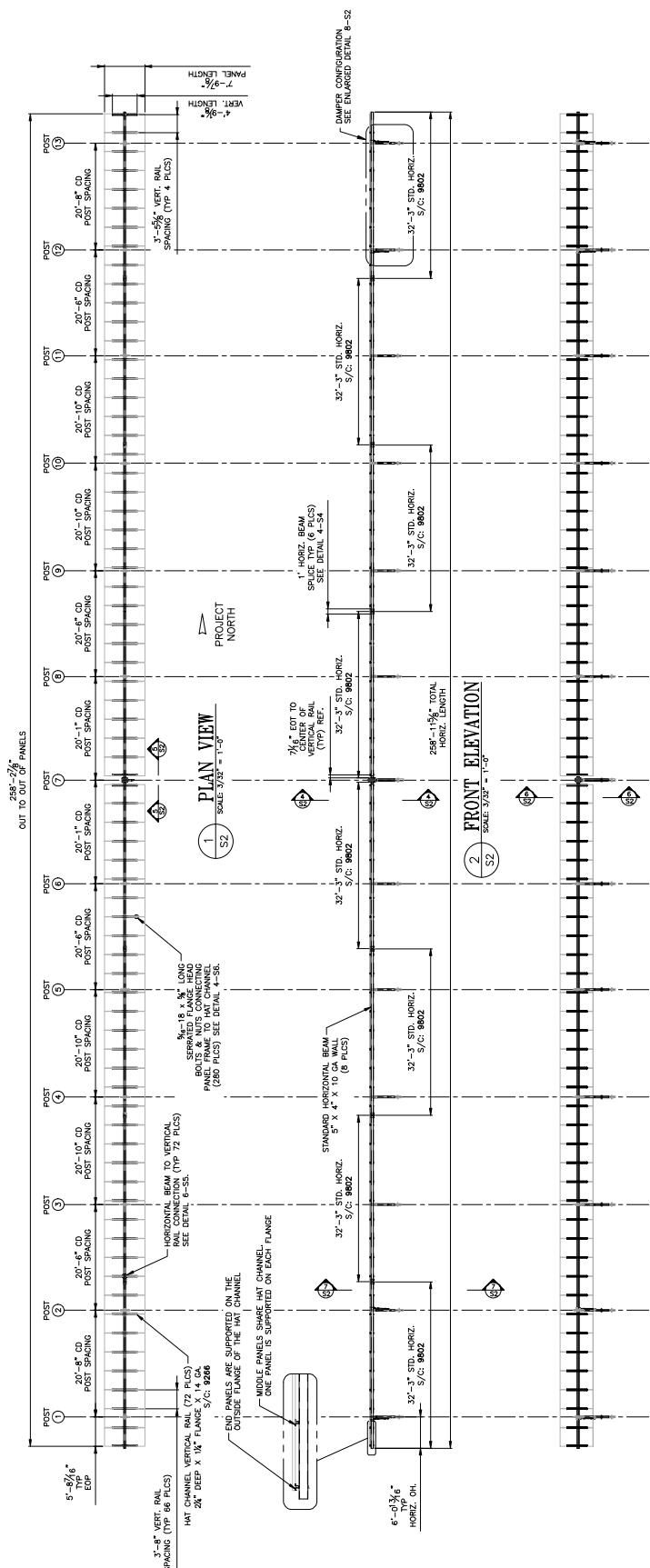
23000 HARVARD ROAD, SUITE B
CLEVELAND, OH 44122

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HORTON ELECTRICAL SERVICES

TSM-540-DEG19C.20 540W
1X70 FLEXTRACK S-SERIES
TRACKER QUANTITY: 31

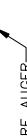
by [Globe](#)



HORTON ELECTRICAL SERVICES

NON FROST-SUSCEPTIBLE MATERIAL
(FINAL MATERIAL SPECIFICATION TO BE
CONFIRMED WITH EOR).

10"Ø PRE-AUGER
TO 2"-6"



NON FROST-SUSCEPTIBLE BACKFILL WITH
 (FINAL MATERIAL SPECIFICATION TO BE
 CONFIRMED WITH EOR).

3 IDLER FOUNDATION - PLAN VIEW

1 DRIVE FOUNDATION - PLAN VIEW
S8
SCALE: 3/4" = 1'-0"

The diagram illustrates a cross-section of a frost-protected aggregate base (F-PAG) structure. The vertical axis is labeled 'LENGTH' at the top right. Key dimensions are indicated: 'TOP OF POST' at the top left, 'IDLER POST' at the top center, 'NON FROST MATERIAL TO CONFIRMED' at the top right, 'PAG' in the middle, 'FINISHED GRADE 0'-0"' at the bottom center, '2'-6"' to the right of the grade line, and 'BOTTOM OF AGGREGATE FROST DEPTH' at the bottom right. A vertical line labeled 'EMBEDMENT' is positioned to the right of the aggregate base.

The diagram illustrates a drive post installed in a non-frost material. The post is shown in a vertical cross-section. At the top, a bracket labeled 'TOP OF POST' is attached to a 'DRIVE POST'. Below the post, a horizontal line labeled 'FINISHED GRADE 0'-0" marks the ground level. A vertical line labeled 'TOTAL POST LENGTH' extends downwards from the post. A horizontal line labeled 'MINIMUM DESIGN EMBEDMENT' is located at a depth of '2'-6" from the finished grade. A horizontal line labeled 'PAG' is positioned above the embedment line. A horizontal line labeled 'BOTTOM OF AGGREGATE FROST DEPTH' is located at a depth of '2'-6" from the bottom of the embedment. The area above the frost depth is labeled 'NON FROST MATERIAL TO CONFIRMED'. The area below the frost depth is shown with a hatched pattern.

4 IDLER FOUNDATION - SECTION 4-S8

1 DRIVE FOUNDATION - SECTION 2-S8
SCALE: 3/4" = 1'-0" **S8**