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CHRISTINE M.T. PIRIK
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October 28, 2022

Ms. Tanowa Troupe, Secretary Ohio Power Siting Board Docketing Division 180 East Broad Street, 11<sup>th</sup> Floor Columbus, Ohio 43215-3797

**Re:** Case Nos. 19-1881-EL-BGN and 21-508-EL-BGA - In the Matter of the Application of Madison Fields Solar Project, LLC for a Certificate of Environmental Compatibility and Public Need to Construct a Solar-Powered Electric Generation Facility in Madison County, Ohio.

#### **Certificate Compliance Amendment Condition 2 – Fence Design**

Dear Ms. Troupe:

Madison Fields Solar Project, LLC's ("Applicant") is certified to construct a solar-powered electric generation facility in Madison County, Ohio, in accordance with the orders issued by the Ohio Power Siting Board ("OPSB") in Case Nos. 19-1881-EL-BGN and 21-508-EL-BGA on January 21, 2021, and October 21, 2021, respectively.

At this time, the Applicant is filing the attached Fence Design in compliance with Amendment Condition 2 approved by the OPSB's October 21, 2021 order in Case No. 21-508-EL-BGA. This document was provided to the Staff of the OPSB on October 28, 2022.

We are available, at your convenience, to answer any questions you may have.

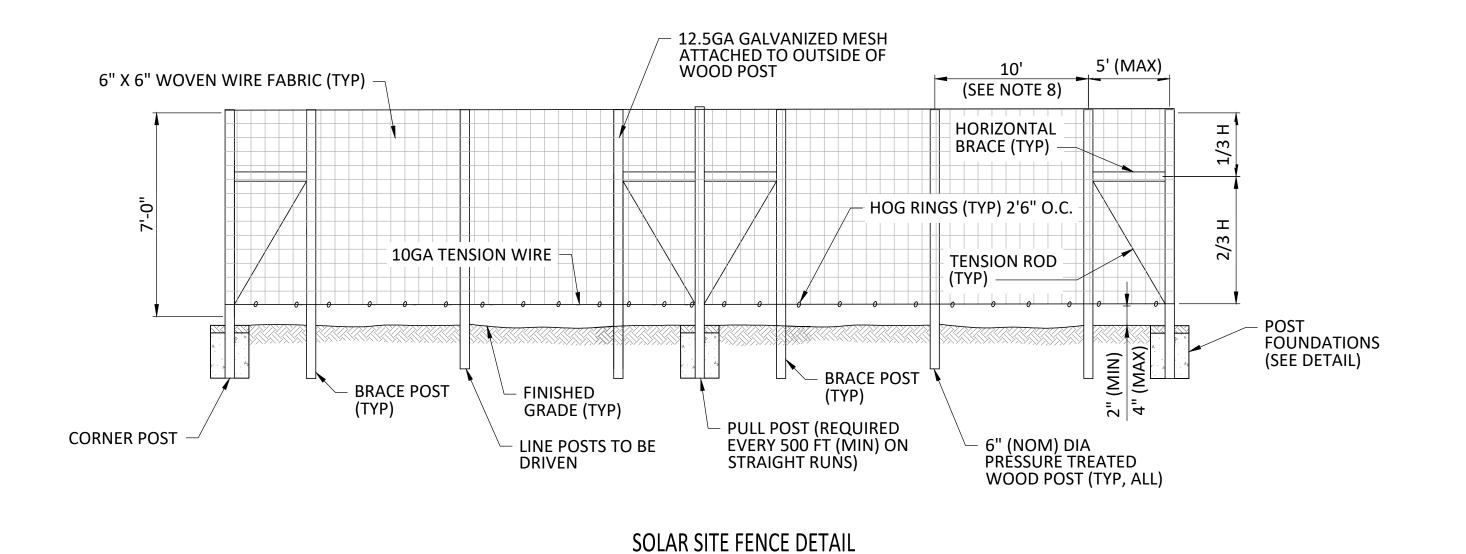
Respectfully submitted,

/s/ Christine M.T. Pirik
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Attorneys for Madison Fields Solar Project, LLC

Cc: Matt Butler

4872-7908-8641 v1 [88534-2]



NTS (NOT TO SCALE)

2" TOPSOIL COVER

FOUNDATION IN SOIL NTS

POST TYPE	MINIMUM HEIGHT ABOVE GROUND A (FT-IN)	DEPTH IN SOIL B (IN)	CONC FOUNDATION DIAMETER * C (IN)	POST DIAMETER D (IN)
LINE POST	7'-0"	36	N/A	5" - 6"
TERMINAL/END POST	7'-0"	43	12" MIN	6" - 7"
CORNER/PULL POST	7'-0"	43	12" MIN	6" - 7"
BRACE POST	7'-0"	43	N/A	6" - 7"
4" STEEL GATE	7'-0"	36	12" MIN	4"

\* WHEN REQUIRED BY GEOTECHNICAL EOR

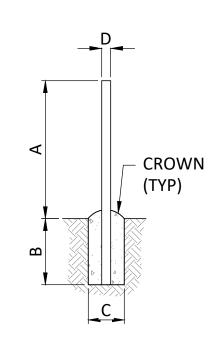
NOTE:

THE MINIMUM HEIGHTS MAY REQUIRE ADDITIONAL LENGTH TO MEET THE GRADE REQUIREMENTS OF A GIVEN DESIGN.

SOLAR FENCE AND GATE POST FOUNDATION DETAIL

TOP TE	ENSION WIRE (#7) $\overline{}$	— CHAIN II	NK FABRIC (TYP)			TIE RINGS OR HOG RINGS (TYP)		10' (MAX)*	
12		CHAIN EI	* * * * * * * * * * * * * * * * * * *	* * *	* * * * * * * * * * * * * * * * * * *	* * *			<del></del>
7'-0"							HORIZONTAL BRACE (TYP) TENSION ROI (TYP)		2/3 H 1/3
1	CORNER POST	BRACE POST (TYP)	FINISHED GRADE (TYP) LINE POSTS TO DRIVEN	) BE	PULL POST (REC EVERY 500 FT (N STRAIGHT RUNS	BRACE POST (TYP) QUIRED MIN) ON		#7 TENSION #2 TENSION	POST FOUNDATIONS (SEE DETAIL)
* OPTIMIZE POST SPACING BASED ON FENCING LAYOUT  STRAIGHT RUNS)  * OPTIMIZE POST SPACING BASED ON FENCING LAYOUT  SUBSTATION FENCE DETAIL  NTS									

BARBED WIRE (TYP)  $\neg$ 



FOUNDATION IN SOIL NTS

POST TYPE	MINIMUM HEIGHT ABOVE GROUND A (FT-IN)	DEPTH IN SOIL B (IN)	CONC FOUNDATION DIAMETER * C (IN)	POST DIAMETER D (IN)
LINE POST	7'-0"	36	N/A	1.9"
TERMINAL/END POST	8'-0"	43	12" MIN	2.375"
CORNER/PULL 8-0"		43	12" MIN	2.375"
BRACE POST	8'-0"	43	N/A	1.660"
4" GATE POST	8'-0"	36	12" MIN	4"

\* WHEN REQUIRED BY GEOTECHNICAL EOR

NOTE:

THE MINIMUM HEIGHTS MAY REQUIRE ADDITIONAL LENGTH TO MEET THE GRADE REQUIREMENTS OF A GIVEN DESIGN.

SUBSTATION FENCE AND GATE POST FOUNDATION DETAIL

# NOTES:

- WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE INSTALLED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. ALL FENCE FABRIC SHALL BE PLACED ON THE OPPOSITE SIDE OF THE SECURE AREA.
- 2. REFER TO CM-008 FOR THE FENCING & GATE SPECIFICATIONS AND ADDITIONAL INFORMATION.
- 3. LINE AND BRACE POSTS ARE INTENDED TO BE DRIVEN IN PLACE. CONTRACTOR MAY USE DIFFERENT MEANS FOR INSTALLATION.
- 4. REFER TO SITE PLAN 'CS' SERIES DRAWINGS FOR AGRICULTURAL FENCE, SUBSTATION FENCE, AND ALL GATE LOCATIONS.
- 5. AUGER DRILLED HOLES SHALL BE THE SAME NOMINAL DIAMETER AS THE POST SIZE (TYP).
- CONCRETE FOUNDATIONS SHALL BE COVERED WITH +/-2" OF TOPSOIL, AND SHALL BE FLUSH WITH THE BOTTOM OF CONCRETE TO ALLOW FOR FREEZE/THAW WEEPING.
- 7. LINE POST SPACING SHALL BE OPTIMIZED BASED ON FENCE ALIGNMENT, NOT TO EXCEED 10'.
- 8. CONTRACTOR SHALL IMPLEMENT EFFORTS TO AVOID ENTRAPPING WILDLIFE WITHIN THE SOLAR ARRAY DURING CONSTRUCTION/INSTALLATION OF THE FENCE. THE SOLAR FACILITY SHALL BE CHECKED REGULARLY OR HAVE STRUCTURES INSTALLED TO ALLOW WILDLIFE TO ESCAPE.
- 9. GROUNDING BY OTHERS.

#### **CONCRETE SPECIFICATIONS**

- 1. USE 2,500 PSI MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH.
- CONCRETE MIX SHALL USE TYPE 1A. MAX W/C RATIO .60 & CONCRETE SLUMP 4" MAX.



P. GREEN J. TUCKER

T. BEST

T. BEST

DRAWING NUMBER

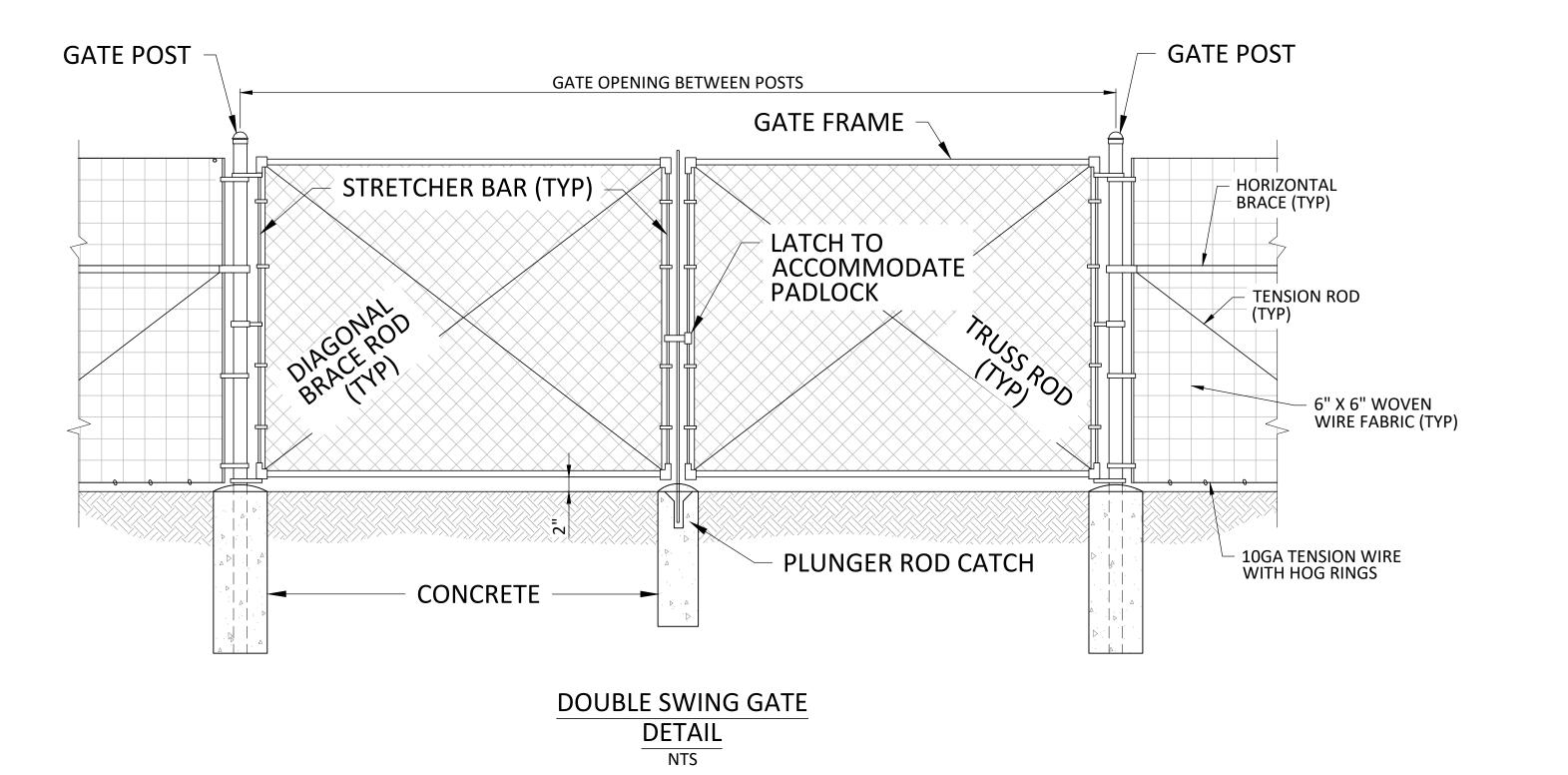
20036602-CD-061

ENGINEER/DESIGN ORIGINATOR\_

LEAD ENG

ENG MGR

PROJ MGR



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### CONCRETE SPECIFICATIONS

- 1. USE 2,500 PSI MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH.
- CONCRETE MIX SHALL USE TYPE 1A. MAX W/C RATIO .60 & CONCRETE SLUMP 4" MAX.
- CONSOLIDATE PLACED CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT, PER ACI 301.

P. GREEN N.

P. GREEN N. BEECHER OPEN
DESIGN BY CHECKED BY DATE

MADISON FIELDS SOLAR PROJECT





FENCING DETAILS

T. BEST

ENGINEER/DESIGN
ORIGINATOR P. GREEN
LEAD ENG J. TUCKER
ENG MGR T. BEST

PROJ MGR

20036602-CD-062

DRAWING NUMBER

#### This foregoing document was electronically filed with the Public Utilities

**Commission of Ohio Docketing Information System on** 

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in

Case No(s). 19-1881-EL-BGN, 21-0508-EL-BGA

Summary: Notice - Certificate Compliance Amendment Condition 2 - Fence Design electronically filed by Christine M.T. Pirik on behalf of Madison Fields Solar Project, LLC