



November 17, 2020

Ohio Power Siting Board
Docketing Division
180 East Broad Street, 11th Floor
Columbus, Ohio 43215-3793
Attn: Grant Zeto

RE: **Case Nos. 17-1152-EL-BGN - Hillcrest Solar I, LLC**

Notice of Compliance with Certificate Condition #4 - If any changes to the project layout are made after the submission of final engineering drawings, Hillcrest shall provide all such changes to Staff in hard copy and as geographically-referenced electronic data. All changes are subject to Staff review to ensure compliance with all conditions of the certificate, prior to construction in those areas.

Dear Mr. Zeto;

Hillcrest Solar I, LLC (“Hillcrest Solar”) is certified to construct a solar-powered electric generation facility in Brown County, Ohio in accordance with the orders issued by the Ohio Power Siting Board (“OPSB”) in the above-referenced cases.

On September 24, 2020, work was halted on horizontal direction drilling (HDD) operations near Sterling Run due to an inadvertent frac out release (slurry composed of subsoil sediments and water). After assessment of impacts to adjacent environmentally sensitive areas and upon the advice of qualified professionals (Environmental Design and Research, Cardno Environmental), Hillcrest Solar revised the HDD alignment for the four remaining bores to avoid these areas. As per Hillcrest Solar’s commitment to consult affiliated agencies, a notice with the revised design was sent on November 10, 2020 to the agencies initially notified of the incident on September 25, 2020 (Ohio Environmental Protection Agency, Brown County Soil and Water Conservation District, United States Army Corps of Engineers, Ohio State Historic Preservation Office, Ohio Power Siting Board) with request for any outstanding commentary or advice to resume the HDD operation. A timeline for activity resumption was included in the communication as well as the Frac Out Release Response Plan (docketed with the OPSB in compliance with Certificate Condition #1 on October 14, 2020) that outlined additional environmental monitoring, mitigations, and response protocol in the event of a frac out.

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Hillcrest Solar has received email responses from the Ohio State Historic Preservation Office, the United States Army Corps of Engineers, and the Ohio Power Siting Board confirming receipt of the design and offering no further commentary. Given the five (5) business day period since delivery of the notice, it is assumed that the lack of response from the Ohio Environmental Protection Agency and Brown County Soil and Water Conservation District means the agencies have no concerns with the plan to resume the HDD. Hillcrest Solar maintains open communication with the affiliated agencies and any further commentary will be taken into consideration at such time it is received.

As per the notice, Hillcrest Solar plans to commence site preparation work at the HDD site on November 18, 2020 and begin drilling operations on November 24, 2020 with adherence to the Frac Out Release Response Plan.

Please find attached a copy of the stamped revised HDD design delivered to the affiliated agencies regarding compliance with Certificate Condition # 4 of the Opinion, Order and Certificate issued on February 15, 2018 in Case No. 17-1152-EL-BGN, Amendment 18-1267-EL-BGA, and Construction Notice 20-0614-EL-BNR.

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

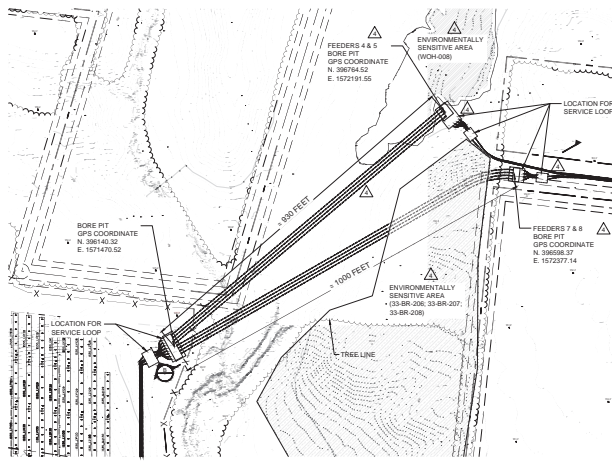
Sincerely,

A handwritten signature in black ink, appearing to read "Julia Mancinelli", with a stylized, flowing script.

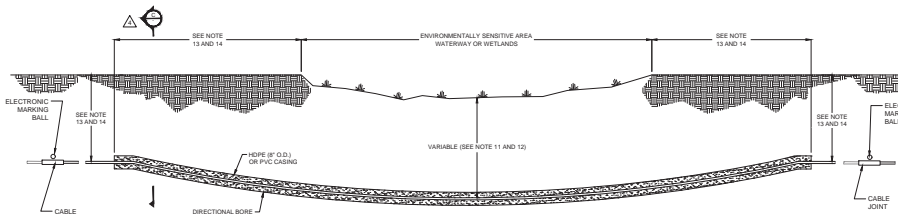
Julia Mancinelli, Director – Environment

Attachments: Hillcrest Solar Stamped Revised HDD Design

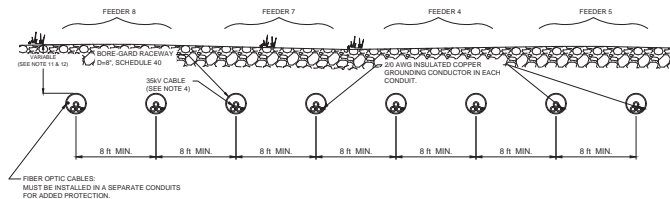
PROJECT: HILLCREST 200MW SOLAR FARM, 5235 AVENUE B, SUITE 300, MISSISSAUGA, ONTARIO L4V 1Y5
DRAWING: ELECTRICAL, DIRECT BORE CROSSING DETAIL, SCALE: 3/32" = 1'-0"
DATE: 2023-11-15
BY: J. LANGLOIS
CHECKED: R. LANGLOIS
APPROVED: R. LANGLOIS
PROJECT MANAGER: J. LANGLOIS
DESIGNER: J. LANGLOIS
DRAWING NO.: EL-426



A LOCATION OF BORE CROSSING
SCALE: 3/32" = 1'-0"



B ENVIRONMENTALLY SENSITIVE AREA & WATERWAY/WETLAND CROSSING DETAIL
NTS



C POWER CABLES, GROUNDING AND FIBRE OPTIC BORE DETAIL
NTS

NOTES:

- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- ENSURE MINIMUM 2" DISTANCE BETWEEN COPPER GROUND CONDUCTORS AND INSULATED CABLES.
- APPROPRIATE MARKING RIBBON SHALL BE INSTALLED AS PER NEC (760.50 min N) AND SHOULD BE INSTALLED ON ALL CABLES THAT ARE BURIED 30" OR MORE BELOW GRADE. WARNING RIBBON TO BE AT LEAST 12" ABOVE THE CONDUCTORS.
- REFER TO SINGLE LINE DIAGRAM FOR CABLE TYPE AND ESTIMATED LENGTH OF CONDUITS.
- LEAVE ADEQUATE SPACING BETWEEN FIBER AND OTHER CONDUCTORS IN TRENCH IN ANTICIPATION OF FUTURE SERVICING.
- PRIOR TO INSTALLATION CABLE ROUTING TO BE STAKED FOR APPROVAL BY LOCAL MUNICIPALITY.

- CONTRACTOR TO PERFORM WORK OUTSIDE OF THE ENVIRONMENTALLY SENSITIVE AREAS INDICATED ON THE DRAWINGS.**

DIRECT BORE NOTES:

- INFORMATION SHOWN IS BASED ON AVAILABLE LAND SURVEY AND INFORMATION PROVIDED BY UTILITY. A SITE SPECIFIC SURVEY OF THE PROPERTY LINE AND UNDERGROUND UTILITY SHALL BE DONE BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO DETERMINE FINAL DEPTH AND LOCATION TO AVOID EXISTING INFRASTRUCTURE AND UTILITIES.
- ALL CONDUIT FOR HDD SHALL BE 8" DIAMETER, SCHEDULE 40, UL61. INSTALL BEND END AT BOTH ENDS OF BORE SLURVE.
- ALL DIRECTIONAL DRILLING AS PER LOCAL CODES.
- DIRECTIONAL BORE TO BE A MINIMUM BELOW FINAL GRADE DEPTH OF:
 - UNDER ROADWAYS ON PROPERTY / SENSITIVE AREA, SEE EL-417-1, DETAIL F1
 - UNDER BOTTOM GRADE OF DITCHES, SEE EL-417-1, DETAIL C1.
 - 2x UNDER MUNICIPAL DRAIN.
 - 7x UNDER WETLAND.
 - 5x UNDER WATERWAY.
 - 7x UNDER WOODED AREAS UP TO TREE DRIP LINE (EXTENT OF TREE CANOPY / CROWN).
 - 7x UNDER ENVIRONMENTALLY SENSITIVE AREA (ESA).
- DIRECTIONAL BORE TO BE A MINIMUM RADIAL DISTANCE OF OTHER UTILITIES
 - 1x FROM GAS PIPE.
 - 4x FROM MUNICIPAL WATER MAINS.
- DIRECTIONAL BORE SHALL END WITH A MINIMUM OF 5 FEET OF STRAIGHT HORIZONTAL SECTION OF CONDUIT AT BOTH END.
- DIRECTIONAL BORE CONDUIT ENDS SHALL BE AT A MINIMUM OF:
 - 20x FROM PROPERTY LINES
 - 40x FROM THE EDGE ANY AND ALL PUBLIC ROADS (EDGE OF PAVEMENT).
 - 30x FROM WATERWAY, WETLAND AND ENVIRONMENTALLY SENSITIVE AREA BOUNDARY.
 - 40x UNDER GRADE IN FARM LAND AND OTHER AREA OUTSIDE THE FENCE PERIMETER.
 - 30x UNDER FINISH GRADE WITHIN THE FENCE AREA.
- BORE CONDUIT TO BE CLEANED AND PREPARED BEFORE CABLES ARE INSTALLED. THE INSIDE CONDUITS NEED TO BE FREE OF DEBRIS THAT MIGHT DAMAGE THE CABLE DURING PULLING.
- BEFORE BACKFILLING, SEAL BORE CONDUIT ENDS AFTER CABLE INSTALLATIONS.
- DUE TO CABLE AMPACITY LIMITATIONS, MAXIMUM DIRECTIONAL BORE DEPTH SHALL NOT EXCEED 15 FEET FOR THIS LOCATION. IF SITE SPECIFIC CONDITIONS REQUIRE GREATER DEPTH, CONTACT THE ENGINEER FOR FURTHER INSTRUCTIONS BEFORE COMMENCING WORK.
- LOCATION SHOWN ON DRAWING IS BASED ON INFORMATION AVAILABLE. FINAL LOCATION MAY BE ADJUSTED BASED ON SITE SPECIFIC CONDITION BUT SHALL NOT DEVIATE SIGNIFICANTLY FROM THE LOCATION SHOWN ON THE DRAWING. CONTRACTOR SHALL PROVIDE FINAL GPS LOCATIONS ON AS BUILT FOR EACH CONDUIT ENDS AND CABLE SPLICES CONNECTING VAULT.
- FRAC OUT RELEASE RESPONSE PLAN MUST BE FOLLOWED.
- USE WATER FOR ADDITIVE/LUBRICANT AS DRILLING FLUIDS.

NO.	DATE	DESCRIPTION	BY
1	2023-11-15	ISSUANCE OF SET	J.L.
2	2023-11-15	FOR FIELD SERVICE LOOP ADDED	J.L.
3	2023-11-15	FOR MARKING PIT LOCATION	J.L.
4	2023-11-15	FOR	J.L.
5	2023-11-15	FOR AND FIBRE OPTIC APPLICATION	J.L.

HILLCREST 200MW SOLAR FARM

DIRECTIONAL BORE
B.H. STATION

ELECTRICAL

DATE	BY	AS NOTED
2023-11-15	R. DE VERA	2023-11-15
2023-11-15	R. BEAUCHER	2023-11-15
2023-11-15	R. LANGLOIS	2023-11-15
2023-11-15	R. LANGLOIS	2023-11-15

1 of 4

EL-426

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

11/17/2020 5:12:05 PM

in

Case No(s). 17-1152-EL-BGN, 18-1267-EL-BGA

Summary: Notice Notice of Compliance with Condition No 4 - Revised HDD Design near Sterling Run electronically filed by Ms. Madison Walsh on behalf of Hillcrest Solar I, LLC