

First RFI, Request No. 15:

Refer to the Application, Exhibit F, Hessler Associates, Inc.'s study, page 5 and Plot 1.

- a. Provide an update to Plot 1 showing the estimated distances between the noise generating equipment and the 40 dBA boundary.
- b. Provide an updated Plot 1 with marks and a listing of all non-participating residences within 500 feet of facility noise making equipment.

Original Response:

- a. Sound contours are not plotted on a distance scale, but rather on a decibel scale. Sound from single or multiple sources combine and therefore cause the decibel line to vary where more than one inverter interacts and jointly produce more sound. In short, the distance to the purple line in Plot 1 (40dBA) varies for all locations and cannot be tied down to a single and discrete distance.
- b. There are no, non-participating residences within 500 feet of facility noise making equipment during operations.

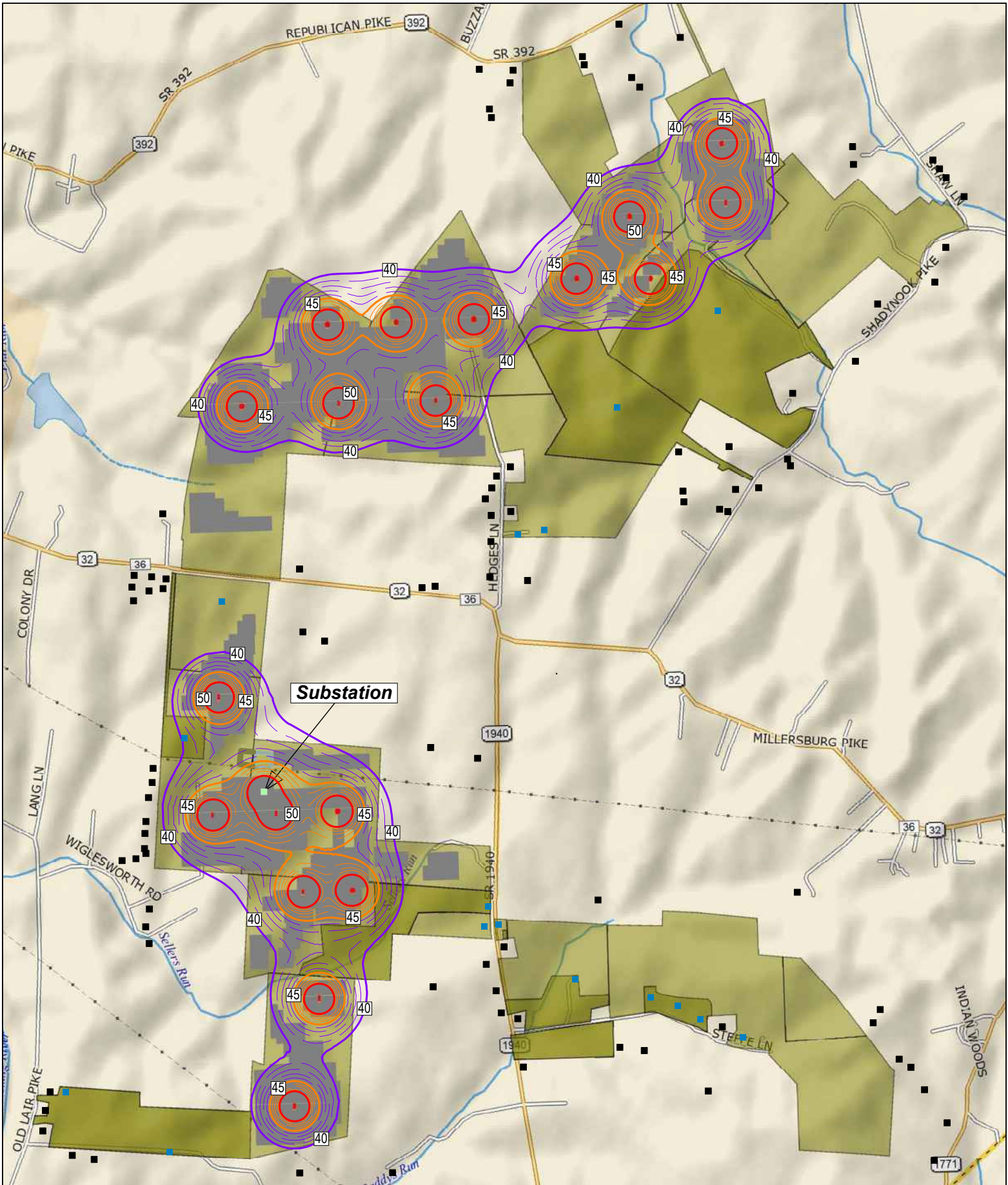
Supplemental Response:

The proposed location of the Utility Switchyard was moved from the northern side of the transmission line on parcel 130-0000-002-00-000 to now be located on the southern side of the transmission line on parcel 117-0000-009-00-000. This was done to align with real estate rights as the Blue Moon project only has the ability to purchase the property necessary for the Utility Switchyard from the 117-0000-009-00-000 parcel. This purchased land then must be deeded over to the utility, East Kentucky Power Cooperative (EKPC).

In order to minimize the impact of this adjustment on the closest non-participating residents, the proposed location of the project substation was also moved. In addition to being relocated to the south of the transmission line, it was moved from the west side of the Utility Switchyard, to the east. It is now proposed to be located entirely within 117-0000-009-00-000 instead of 130-0000-002-00-000, ensuring that a substantial distance is maintained between nearby residences.

Blue Moon's environmental consultant found this change to have no material impact on noise levels when compared to the initial noise study. Additionally, all of these changes were discussed with and agreed to by EKPC's transmission team. See the attached revised maps from Hessler Associates, Inc., labeled Plot 1 and Plot 2.

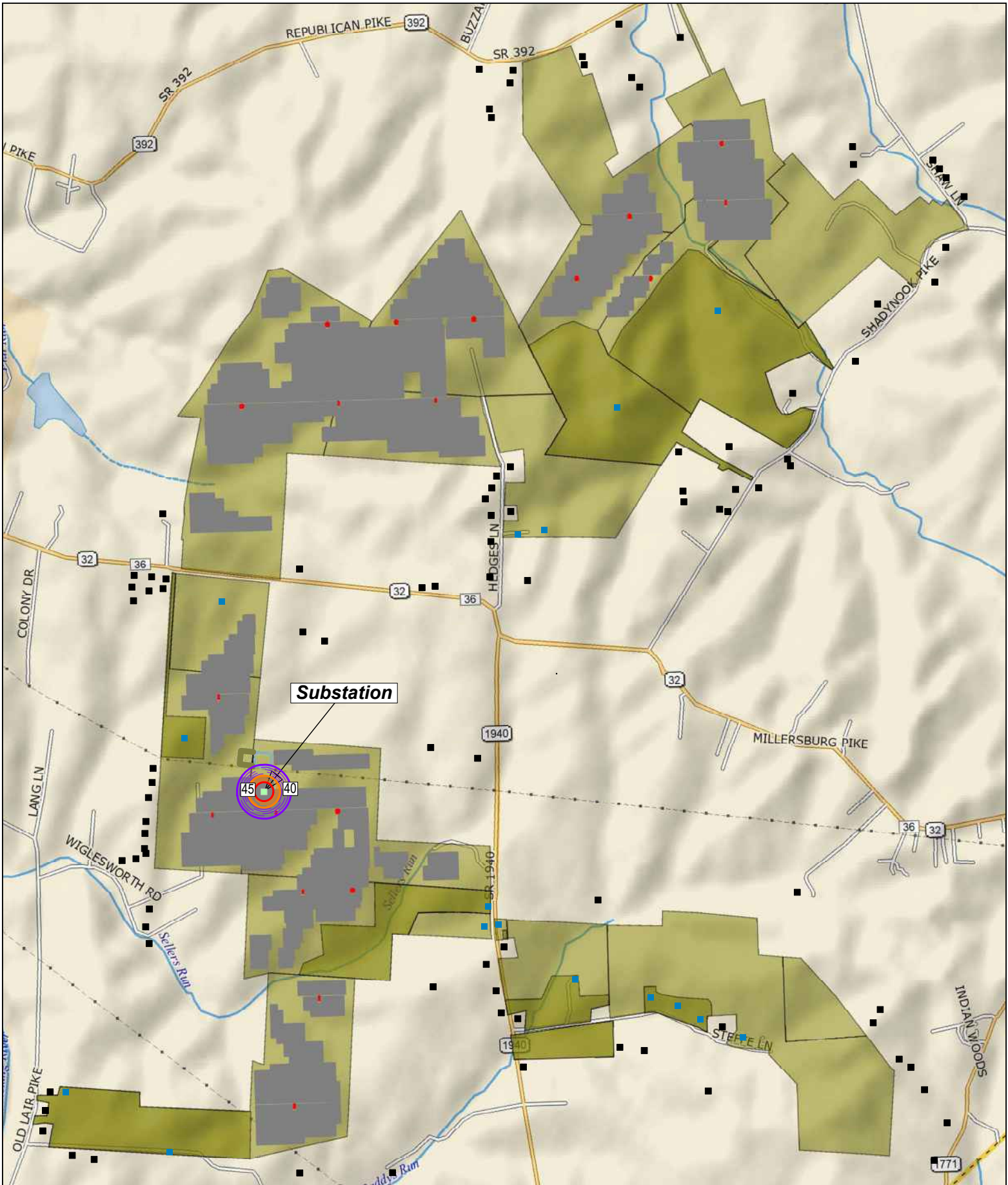
Responding Witness: Jayce Walker



Project: Blue Moon Solar	
Prepared for: Cardno	
Date: May 17, 2022	Drawing #: BM-Rev-F-1-1

Description:
Plot 1
Predicted Sound Contours (dBA) of Facility during Daytime Operation

Legend:	
	Non-Participating Residence
	Participating Residence
	Project Area



Project:
Blue Moon Solar

Prepared for:
Cardno

Date:
May 17, 2022

Drawing #:
BM-Rev-F-2-1

Description:
Plot 2

Predicted Sound Contours (dBA) of Facility during Nighttime Operation

Legend:

- Non-Participating Residence
- Participating Residence
- Project Area

First RFI, Request No. 23:

In the Application, Exhibit A, Sheet C.200, there is a buildable area to the east of Ruddles Mill Road in the southern part of the Blue Moon Energy site. On Sheet C.202 with the Landscape Plan, there is no plan for solar panels or landscaping for this area.

- a. Explain whether Sheet C.202 was included in the CUP application.
- b. Describe the process that Blue Moon Energy will conduct for permissions (Planning Commission and Siting Board) if solar panels are extended into this buildable area.

Original Response:

- a. Sheet C.202 was included in the CUP application.
- b. Blue Moon Energy would have to go back to Planning and Zoning for approval to amend the layout. Similarly, Blue Moon would seek to amend its construction certificate to include the buildable area. Both filings would be conducted following discussion and coordination with the responsible agency.

Supplemental Response:

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Blue Moon Energy LLC
Supplementary Response to Public Service Commission's First and Second Requests for Information
Case No. 2021-00414

Blue Moon's environmental consultant found this change to have no material impact on noise levels when compared to the initial noise study. Additionally, all of these changes were discussed with and agreed to by EKPC's transmission team. See attached updated maps labeled C.200 Overall Site Plan and C.202 Landscaping Plan.

Responding Witness: Jayce Walker



- LEGEND:**
- PROJECT BOUNDARY
 - - - EASEMENT LINES
 - EX. PAVED ROADS
 - EX. GRAVEL ROADS
 - EX. OVERHEAD POWER
 - EX. FIELD DELINEATED STREAM CHANNEL
 - EX. FIELD DELINEATED WETLAND
 - EX. STRUCTURE
 - BUILDABLE AREA
 - EXCLUSION AREA
 - FEMA FLOOD ZONE - 100 YEAR
 - EASEMENT ONLY AREA
 - KARST FEATURE
 - PROPOSED SECURITY FENCE
 - PROPOSED 25' WETLAND AND 50' STREAM BUFFER
 - PROPOSED PROJECT SETBACK
 - PROPOSED ACCESS ROAD
 - POTENTIAL SINKHOLE
 - PROPOSED PROJECT SUBSTATION LOCATION
 - PROPOSED UTILITY SUBSTATION LOCATION

NOTES:

- PROJECT AREAS ARE SUBJECT TO CHANGE PENDING FUTURE DESIGN CONSTRAINTS

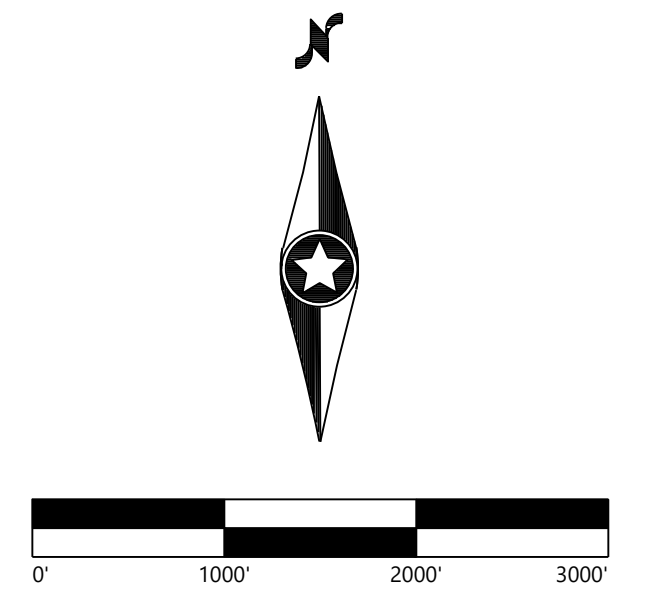
PREPARED FOR:

RECURRENT ENERGY
 A subsidiary of Canadian Solar

98 SAN JACINTO BLVD., SUITE 750
 AUSTIN, TX 78701

REVISIONS:

0	10/21/2021	PRELIMINARY SITE PLAN
1	05/24/2022	ALTA UPDATES
2	06/07/22	PROPOSED CULVERT UPDATE



Blue Moon Solar
 Harrison County, Kentucky

Overall Site Plan










NOT FOR CONSTRUCTION

DATE: 06/07/2022
 SHEET: C.200

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LEGEND:

-  PROJECT BOUNDARY
-  EXISTING VEGETATION
-  15' EVERGREEN SPACING (DOUBLE ROW)
-  PROPOSED SECURITY FENCE
-  BUILDABLE AREA
-  EASEMENT ONLY AREA
-  PROPOSED ACCESS ROAD
-  PROPOSED PROJECT SUBSTATION LOCATION
-  PROPOSED UTILITY SUBSTATION LOCATION

NOTES:

1. PROJECT AREAS ARE SUBJECT TO CHANGE PENDING FUTURE DESIGN CONSTRAINTS
2. LANDSCAPING INFORMATION PROVIDED BY CARDNO

PREPARED FOR:

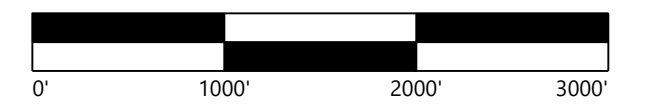
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Blue Moon Solar

Harrison County, Kentucky

Landscaping Plan

NOT FOR CONSTRUCTION

DATE: 06/07/2022

SHEET: C.202

First RFI, Request No. 30:

Refer to the Amended Application for Certificate of Construction (Overall Site Plan). Provide pertinent interconnecting information for all solar panels separated by roads and flood zones (overhead or underground).

Original Response:

A Direct Current (DC) circuit can be buried or suspended (above ground), a Medium Voltage (MV) circuit in the field is typically underground, and an Alternating Current (AC) collection line to a substation is typically overhead (above ground). See attached. All selections are contingent on EPC preference.

Supplemental Response:

The proposed location of the Utility Switchyard was moved from the northern side of the transmission line on parcel 130-0000-002-00-000 to now be located on the southern side of the transmission line on parcel 117-0000-009-00-000. This was done to align with real estate rights as the Blue Moon project only has the ability to purchase the property necessary for the Utility Switchyard from the 117-0000-009-00-000 parcel. This purchased land then must be deeded over to the utility, East Kentucky Power Cooperative (EKPC).

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Blue Moon's environmental consultant found this change to have no material impact on noise levels when compared to the initial noise study. Additionally, all of these changes were discussed with and agreed to by EKPC's transmission team. See updated map attached to Supplemental Response to First RFI, Request No. 23, labeled C.200 Overall Site Plan.

Responding Witness: Jayce Walker

Second RFI, Request No. 9:

Explain and illustrate on a map any variations in site access roads from the original site plan submitted with the amended application.

Original Response:

There have been no changes to the site access roads since the original site plan was submitted with the amended application. Blue Moon Energy is considering an additional access point as indicated on the attached map off KY HW 392.

Supplemental Response:






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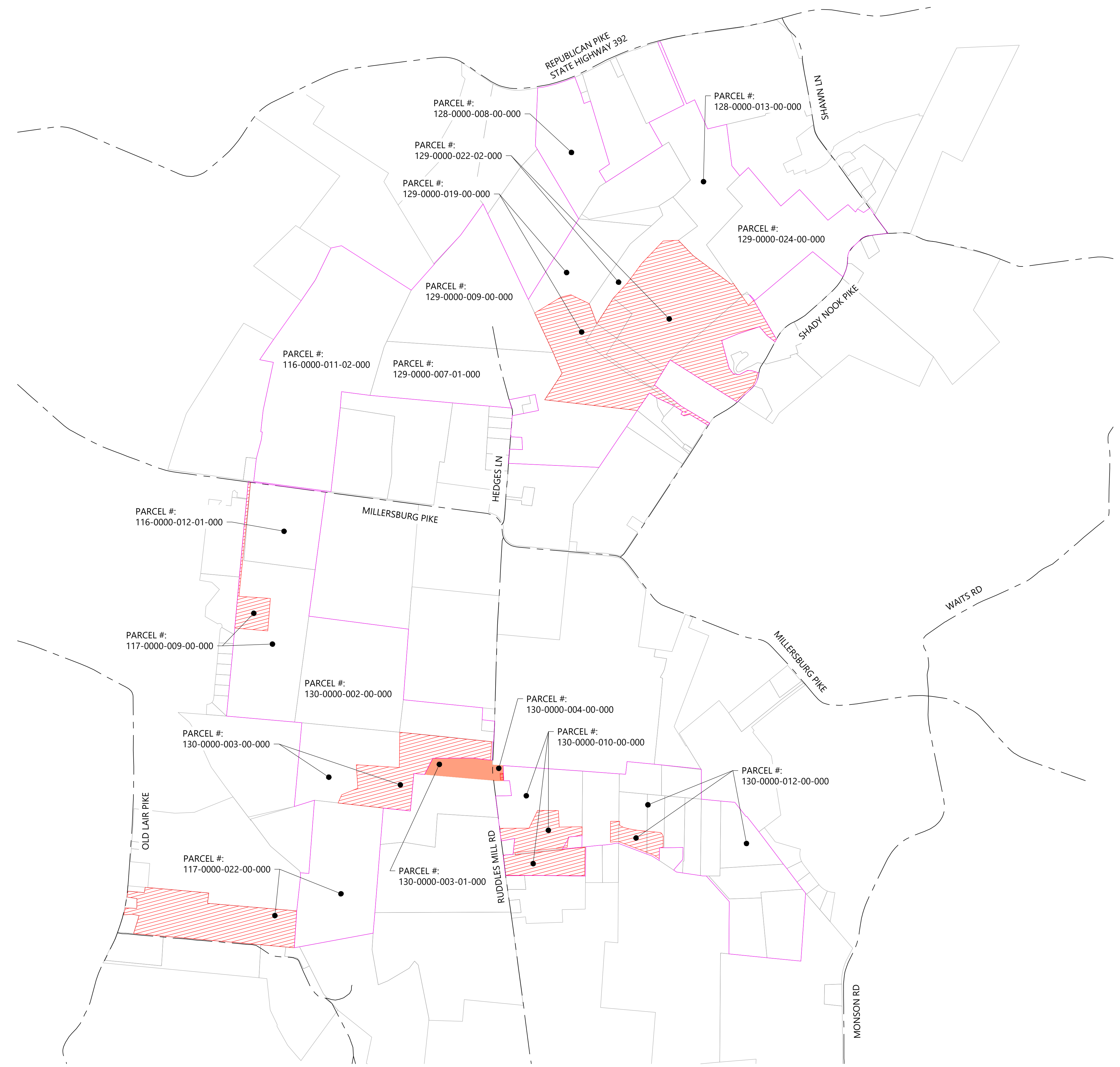
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Blue Moon's environmental consultant found this change to have no material impact on noise levels when compared to the initial noise study. Additionally, all of these changes were discussed with and agreed to by EKPC's transmission team. See attached updated map labeled C.201 Parcel Map and update map attached to Supplemental Response to First RFI, Request No. 23, labeled C.200 Overall Site Plan.

Responding Witness: Jayce Walker

LEGEND:

-  PROJECT BOUNDARY
-  PARCEL LINES
-  EX. PAVED ROADS
-  EXCLUSION AREA
-  EASEMENT ONLY AREA



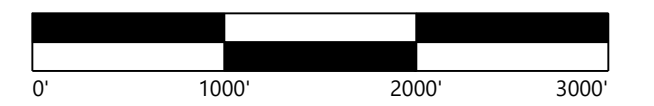
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REVISIONS:

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Blue Moon Solar
 Harrison County, Kentucky

Parcel Map

NOT FOR CONSTRUCTION

DATE: 06/07/2022

SHEET: C.201