

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

ELECTRONIC APPLICATION OF GREEN)	
RIVER SOLAR, LLC FOR A CERTIFICATE TO)	
CONSTRUCT AN APPROXIMATELY 200)	
MEGAWATT MERCHANT SOLAR ELECTRIC)	CASE NO. 2020-00387
GENERATING FACILITY IN BRECKINRIDGE)	
COUNTY AND MEADE COUNTY, KENTUCKY)	
PURSUANT TO KRS 278.700 AND 807 KAR)	
5:110)	

RESPONSES TO SITING BOARD STAFF’S SECOND REQUEST FOR INFORMATION
TO GREEN RIVER SOLAR, LLC
DATED SEPTEMBER 10, 2021
GREEN RIVER SOLAR, LLC
PSC CASE NO. 2020-00387
SITING BOARD STAFF REQUEST DATED 9/10/2021

Green River Solar, LLC (Green River Solar) hereby submits responses to the Second Request for Information of the State Board on Electric Generation and Transmission Siting (Siting Board) in this case dated September 10, 2021. Each response with its associated supportive reference materials is individually bookmarked.

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COUNTY AND MEADE COUNTY, KENTUCKY)
PURSUANT TO KRS 278.700 AND 807 KAR)
5:110)

CERTIFICATE

STATE OF KENTUCKY)

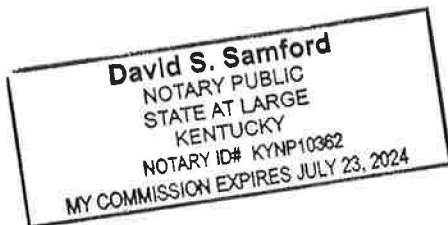
COUNTY OF MEADE)

Comes now Lina Jensen, being first duly sworn, and states that she has supervised the preparation of the responses of Green River Solar, LLC to the Siting Board Staff's Second Request for Information in the above-referenced case dated September 10, 2021, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.



Lina Jensen

Subscribed and sworn before me on this 23rd day of September 2021.





Notary ID: **KYP10362**
Expires: **7/23/24**

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

REQUEST 1

RESPONSIBLE PARTY: Lina Jensen

Request 1. Refer to Siting Board Staff's First Request for Information, Request 24(d), and Site Plan C2.07. Confirm whether there are any gas gathering or distribution lines on parcels 08-00-00-025 or 08-00-00-025.01.

Response 1.

There are no gas gathering or distribution lines across parcels 080-00-00-025 or 080-00-00-025.01. These parcels are owned by Irvington Gas Company, but we have confirmed with Irvington Gas Company that they do not have any gathering or distribution lines installed on these parcels.

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

REQUEST 2

RESPONSIBLE PARTY: Lina Jensen

Request 2. Refer to Siting Board Staff's First Request for Information, Request 24f. Confirm whether adjacent parcel 123-5A is the members-only shooting range on Bishop Street, also known as Irvington Sportsmen's Club. Also confirm whether the applicant has had any contact with Irvington Sportsmen's Club or its members.

Response 2.

The Project has confirmed that parcel 123-5A is Irvington Sportsmen's Club (Club). A project representative visited the Club on Sep 14, but it was not open as it is event-based. The Project has reached out to the Club via Facebook and has offered to answer any questions or provide any requested information about the project, but to date has not received a response.

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

REQUEST 3

RESPONSIBLE PARTY: Lina Jensen

Request 3. Submit any leases or easements for collection lines that have been acquired since the application in this matter.

Response 3.

All executed leases and easements for collection lines were previously provided as part of the response to Staff's First Information Request in Attachment 3b and 24b.

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

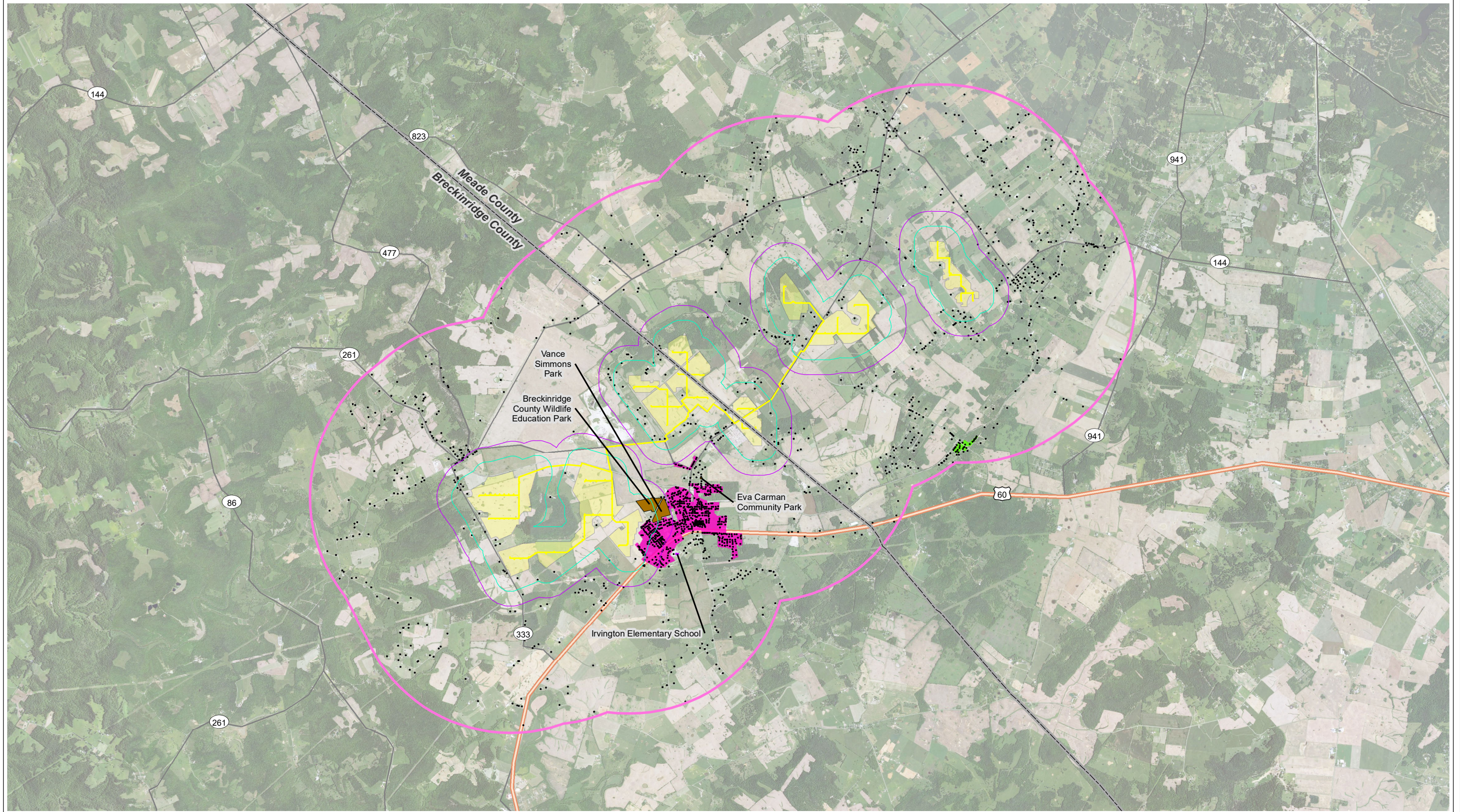
REQUEST 4

RESPONSIBLE PARTY: Lina Jensen

Request 4. Provide another version of the “Project Map” (included in the Application as Volume 1, Tab 1, Attachment A) showing a 1,000 and a 2,000-foot project radius boundary – similar to the 2 Mile Project Radius Boundary included with the original application.

Response 4.

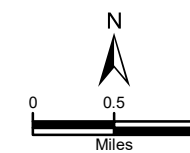
Updated map is included as Attachment 4, showing the 1,000 and 2,000 ft project radius boundary.



KY State Siting Board - Case No. 2020-00387
 Green River Solar Project
 Breckinridge and Meade Counties, Kentucky
 Date: 9/22/2021

Legend

- | | | | |
|--------------------------------|-----------------------------------|-----------------------|-----------------|
| Project Footprint | 1,000 ft. Project Radius Boundary | Residential Structure | Highway |
| Underground Collection | 2,000 ft. Project Radius Boundary | School | Major Road |
| 2 Mile Project Radius Boundary | Park | No | County Boundary |
| | | Yes | |
- Residential Neighborhood per KRS 278.700**
 Within 2,000 ft. of proposed solar structures



GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

REQUEST 5

RESPONSIBLE PARTY: Lina Jensen

Request 5. Clarify whether any of the land within Array Group A, as designated in Green River Solar's Responses to Staff's First Information Request, is within the city limits of the city of Irvington.

Response 5.

Upon closer inspection and confirmation with the City of Irvington, a very small portion of the solar array within Array Group A in the Project's originally submitted plans was slightly within the city limits of the City of Irvington. We have updated our plans to exclude building within the city limits of the City of Irvington. Updated plans are included as Attachment 5.

CONCEPTUAL SITE PLAN

GREEN RIVER SOLAR PROJECT

PREPARED FOR



GREEN RIVER SOLAR, LLC
 700 UNIVERSE BLVD
 JUNO BEACH, FL 33408

Contact: Lina Jensen, Project Director
 NextEra Energy Resources
 (832) - 613 - 7247

**MEADE COUNTY,
 KENTUCKY, 40146**

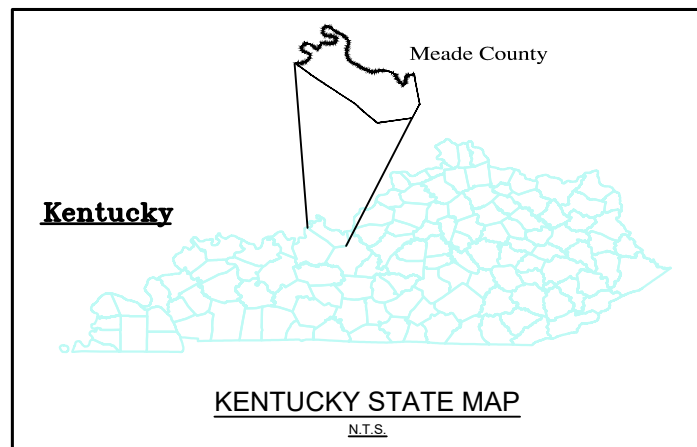
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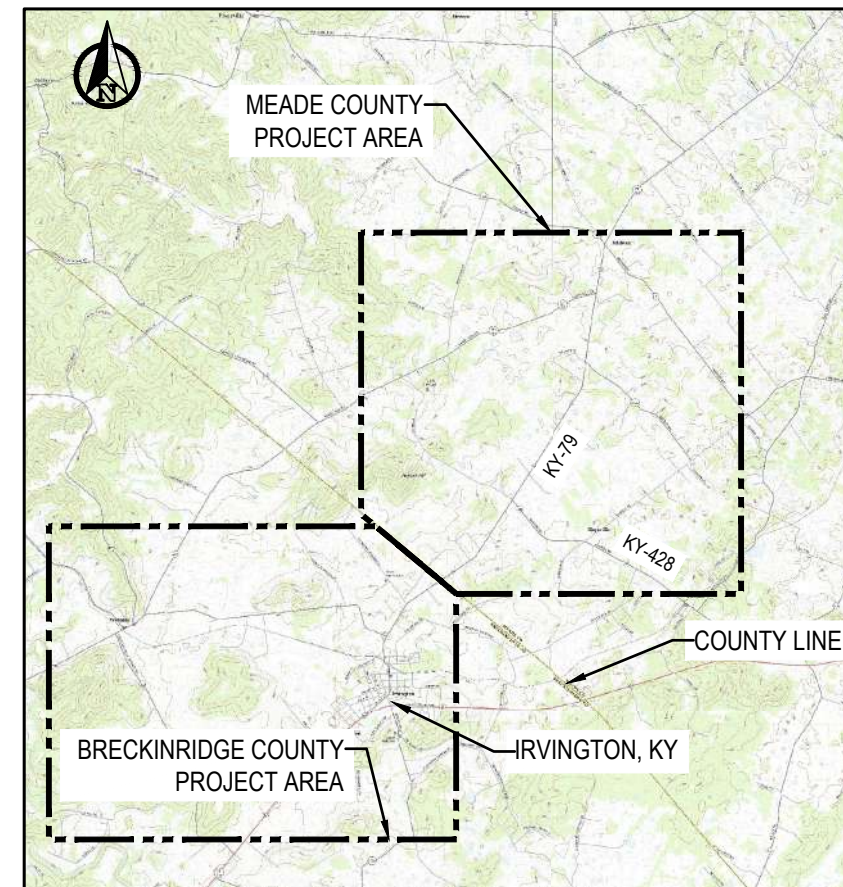
707 East Third Avenue
 New Smyrna Beach, Florida 32169
 Tel: (386) 427-0694 Fax: (386) 427-0889
 Agent's E-mail: cfagerstrom@ectinc.com
 Agent's Tel: (386) 852-0387
<http://www.ectinc.com>

ECT PROJECT NUMBER 20-0594

SEPTEMBER 2021
KENTUCKY SITING BOARD
REVIEW SET



PROJECT SITE INFORMATION	
SITE ADDRESS	TBD
COUNTY PARCEL NUMBER	VARIOUS
GPS COORDINATES	37.908° N, -86.261° W (PROJECT SUBSTATION)
SITE ELEVATION	680 FT A.M.S.L.
UTILITY NAME	TBD
UTILITY ADDRESS	TBD
UTILITY CONTACT INFORMATION	TBD
DEVELOPER NAME	GREEN RIVER SOLAR, LLC
DEVELOPER ADDRESS	700 UNIVERSE BLVD., JUNO BEACH, FL
DEVELOPER CONTACT	LINA JENSEN
CIVIL ENGINEER OF RECORD (EOR) NAME	TBD
CIVIL EOR ADDRESS	TBD
CIVIL EOR CONTACT INFORMATION	TBD
APPLICABLE BUILDING PERMIT AUTHORITY	TBD
SYSTEM SIZE (MW)	200 MW TOTAL
SYSTEM DC SIZE (MW)	TBD
TRANSFORMER COUNT	1
EQUIPMENT PAD COUNT	TBD
PROJECT ZONING	AGRICULTURAL
NON PARTICIPATING PARCEL BUFFER	50 FEET
OCCUPIED STRUCTURE BUFFER	250 FEET
ROAD R.O.W. BUFFER	25 FEET
SURFACE WATER BUFFER	25 FEET
WETLAND BUFFER	25 FEET
STREAM BUFFER	25 FEET
PROJECT AREA	1,750 ACRES
ROAD LENGTH	63,200 FEET
LANDSCAPE BUFFER	25,580 FEET



PROJECT LOCATION MAP
 N.T.S.

INDEX OF DRAWINGS

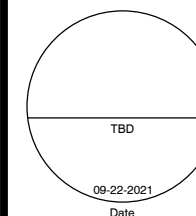
C1.00	COVER PAGE
C1.01	EXISTING CONDITIONS
C1.02	OVERALL SITE PLAN
C1.03	MEADE COUNTY SITE PLAN
C1.04	BRECKINRIDGE COUNTY SITE PLAN
C2.01 - C2.16	SITE EXHIBITS
C3.01	CONSTRUCTION DETAILS
C3.02	LANDSCAPE ILLUSTRATION

ALTA SURVEY BY:



GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY

ECT PROJECT No.:	20-0594
DESIGNED BY:	NextEra Energy, Inc.
DRAWN BY:	MRA
CHECKED BY:	DMW/XG
APPROVED BY:	TBD
CONCEPT PLAN	06-25-2021
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MEADE CO. PLAN	07-13-2021
MEADE CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021



COVER PAGE

C1.00

9/21/2021 7:50 PM by Matthew Archer



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www.ectinc.com

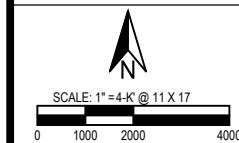


**GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY**

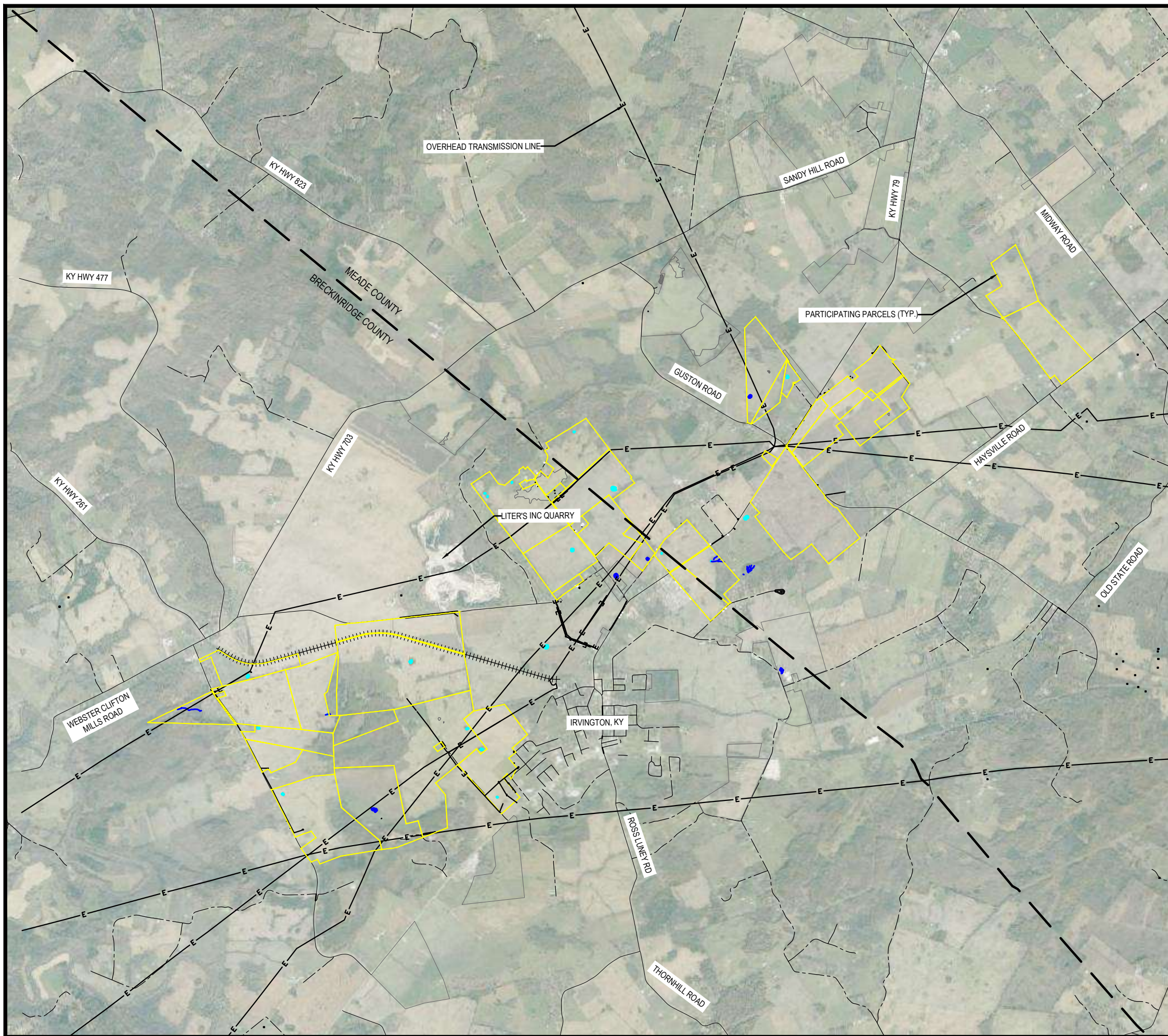
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TBD
09-22-2021
Date

**EXISTING
CONDITIONS**



C1.01



LEGEND

- PARTICIPATING PARCELS
- COUNTY LINE
- COUNTY & LOCAL ROADS
- MAJOR STATE ROADS
- OVERHEAD ELECTRIC
- RAIL ROAD TRACKS
- WETLANDS
- SURFACE WATERS/STREAMS







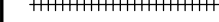




9/22/2021 8:48 PM by Matthew Acosta



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9/22/2021 05:51 PM by Matthew Acker

LEGEND

-  COUNTY LINE
-  PARTICIPATING PARCEL
-  COUNTY & LOCAL ROADS
-  MAJOR STATE ROADS
-  OVERHEAD ELECTRIC
-  RAIL ROAD TRACKS
-  WETLANDS
-  SURFACE WATERS/STREAMS
-  PROPOSED ROADS
-  SECURITY FENCE
-  SOLAR ARRAYS

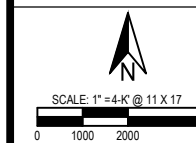


GREEN RIVER SOLAR MEADE COUNTY, KENTUCKY

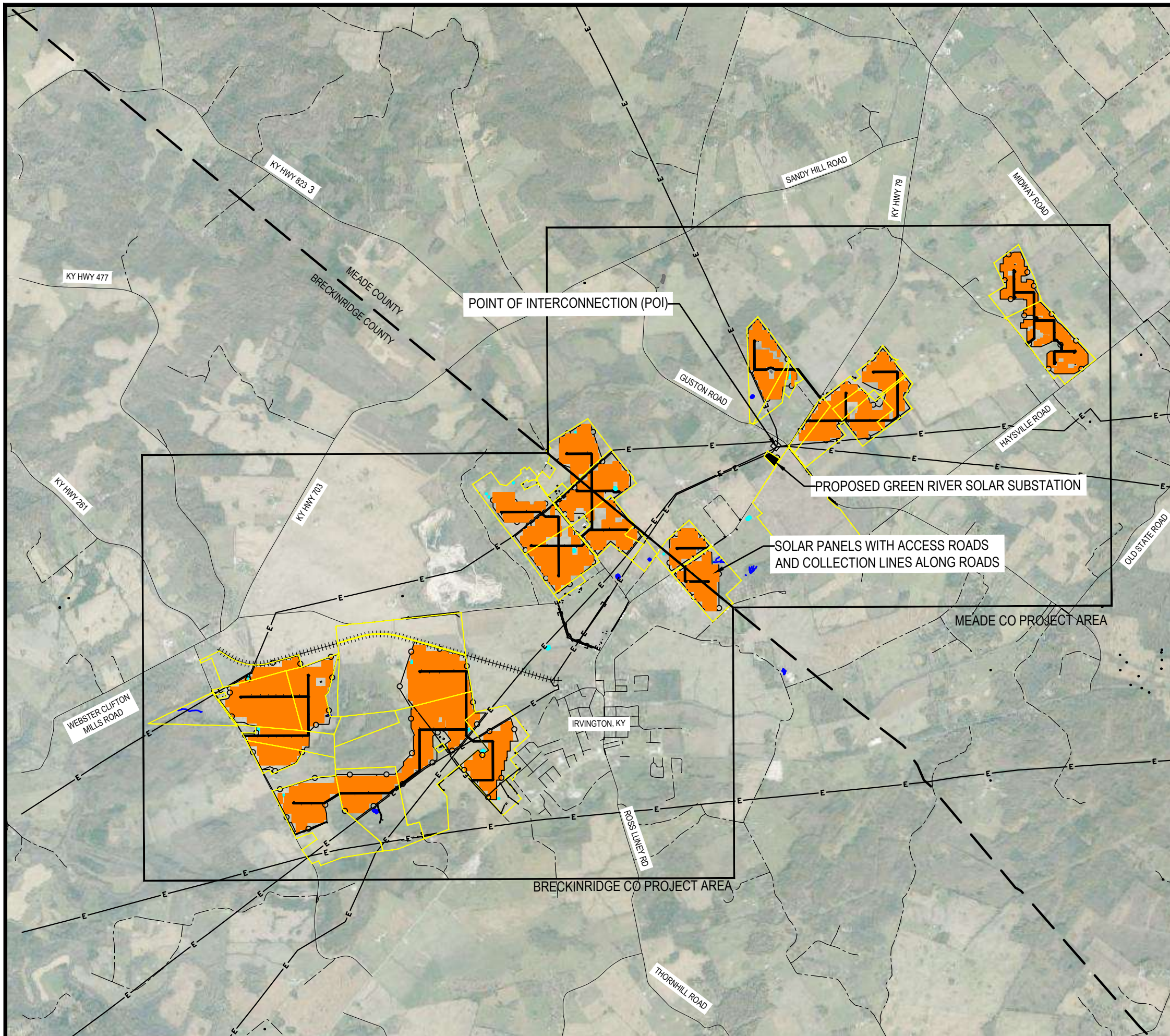
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TBD
Date

OVERALL SITE PLAN



C1.02



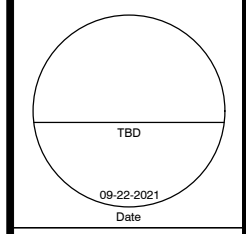


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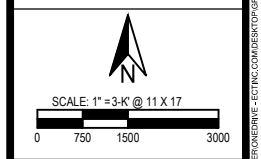


**GREEN RIVER SOLAR
 MEADE COUNTY,
 KENTUCKY**

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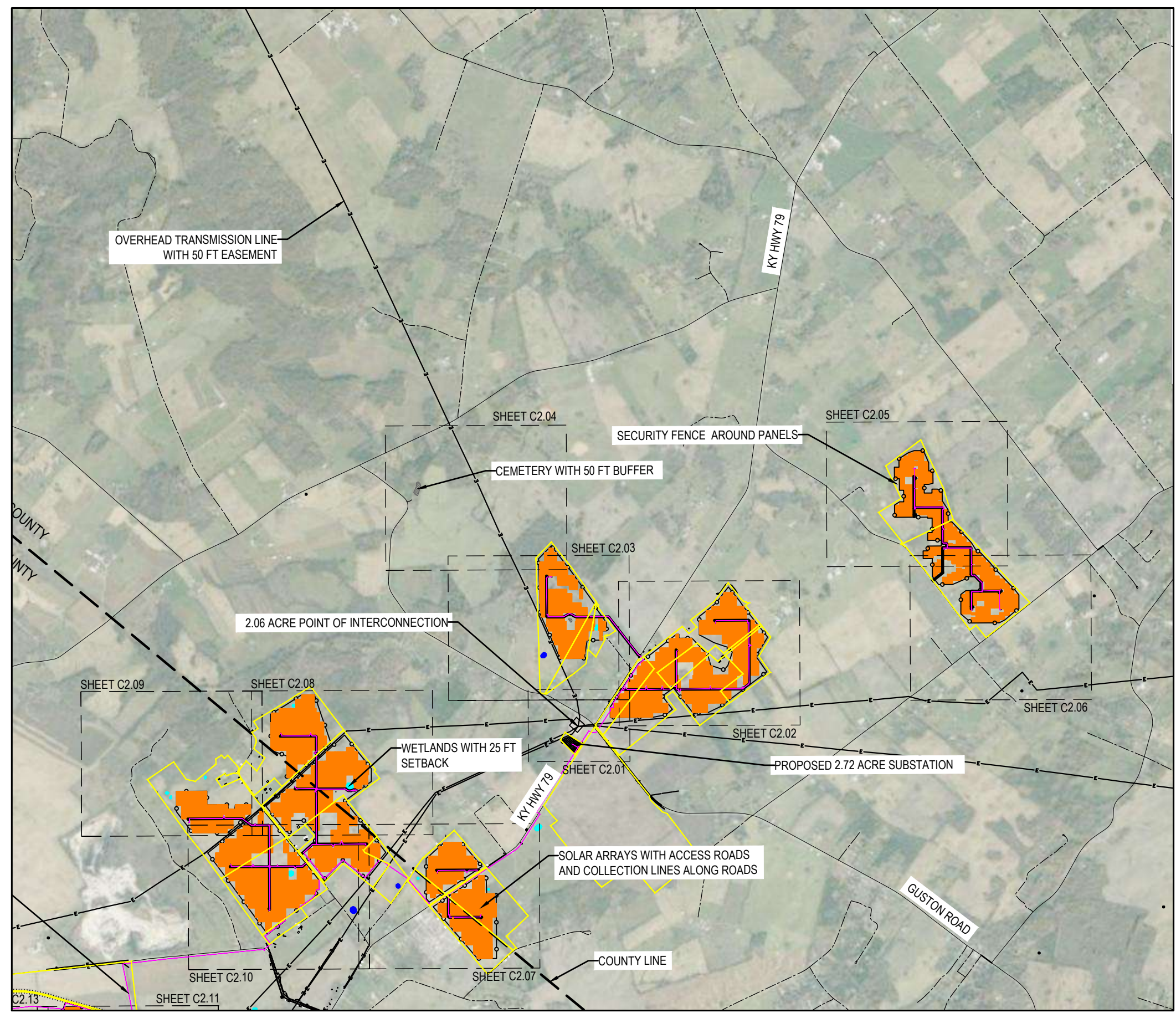
**MEADE COUNTY
 SITE PLAN**



C1.03

LEGEND

- COUNTY LINE
- PARTICIPATING PARCEL
- COUNTY & LOCAL ROADS
- MAJOR STATE ROADS
- RAILROAD TRACKS
- OVERHEAD ELECTRIC
- PROPOSED ROADS
- SECURITY FENCE
- SOLAR ARRAYS
- COLLECTION LINE
- WETLANDS
- SURFACE WATERS/STREAMS



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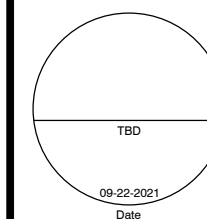


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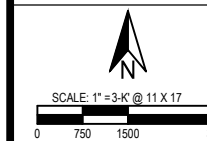


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MEADE COUNTY,
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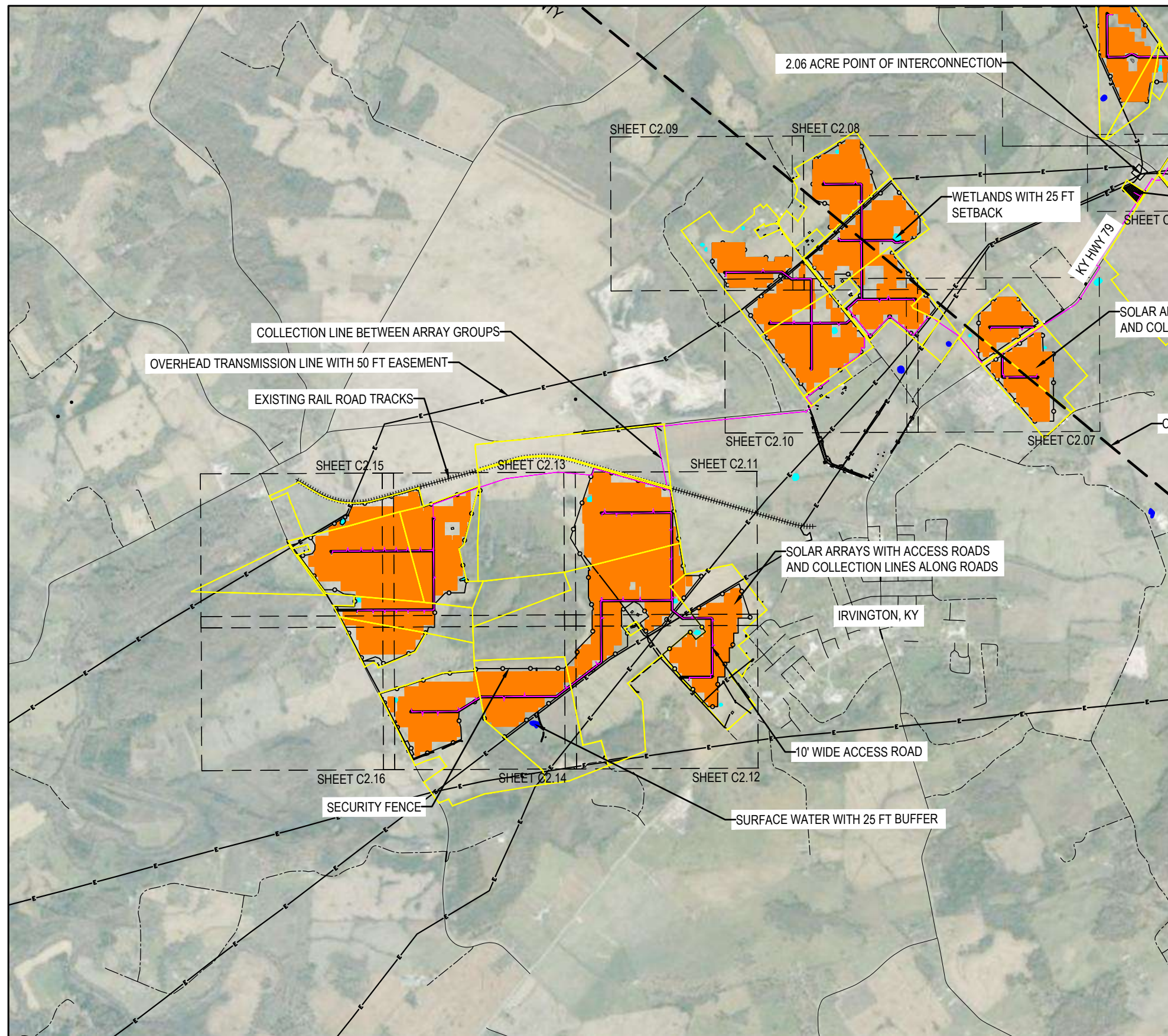
**BRECKINRIDGE
COUNTY SITE PLAN**



C1.04

LEGEND

- COUNTY LINE
- PARTICIPATING PARCEL
- COUNTY & LOCAL ROADS
- MAJOR STATE ROADS
- RAILROAD TRACKS
- OVERHEAD ELECTRIC
- PROPOSED ROADS
- SECURITY FENCE
- SOLAR ARRAYS
- COLLECTION LINE
- WETLANDS
- SURFACE WATERS/STREAMS



LEGEND

- PARCEL LINE
- PARCEL SETBACK
- EXISTING ROAD
- OTHER SETBACKS
- OVERHEAD LINE
- EASEMENT
- MAJOR CONTOUR
- SURFACE WATERS
- WETLANDS
- SOLAR ARRAY
- SECURITY FENCE
- COLLECTION LINE
- INVERTER
- PROPOSED ROAD
- VISUAL SCREEN
- UNOCCUPIED STRUCTURE
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)

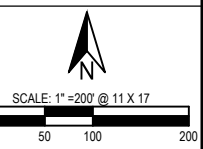
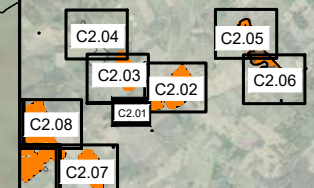
NEXTERA ENERGY

**GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY**

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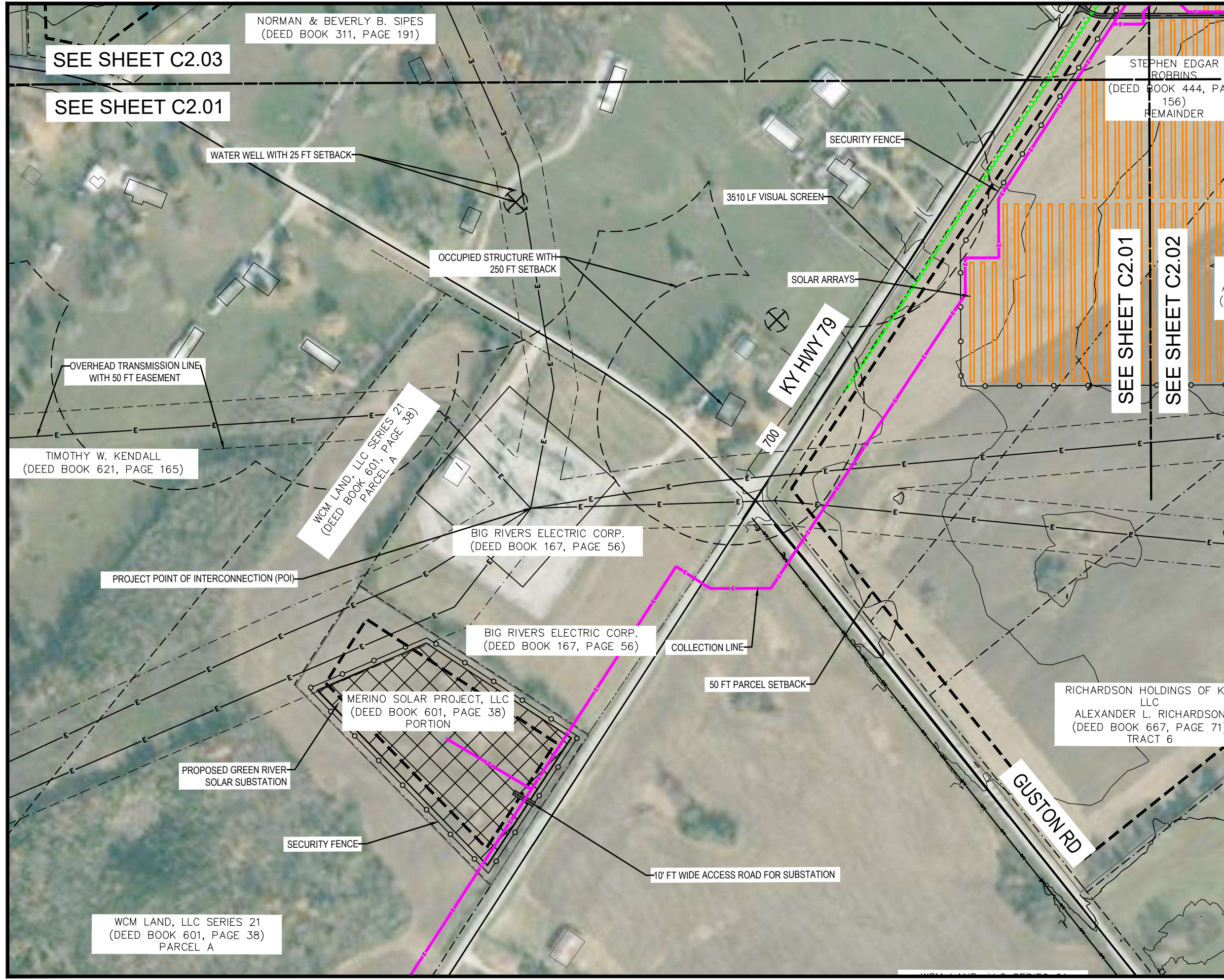
TBD
09-22-2021
Date

SITE EXHIBIT



MEADE COUNTY KEY MAP
N.T.S.

C2.01



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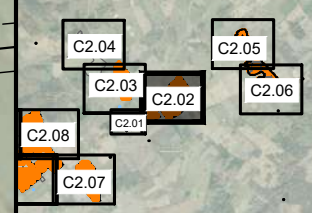
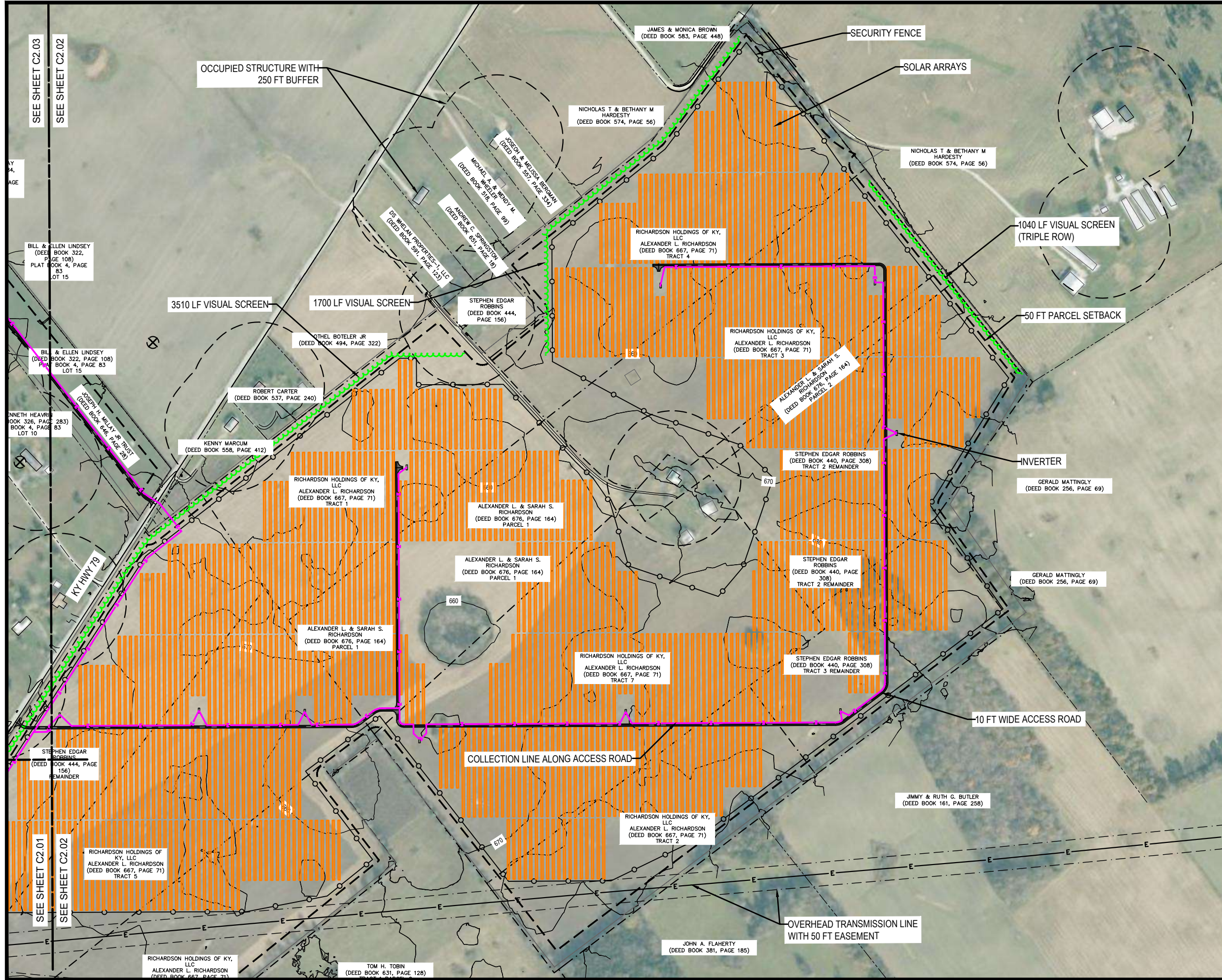
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SITE EXHIBIT

SCALE: 1" = 400' @ 11 X 17

LEGEND




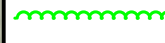
- PROPERTY LINE
- - - - - PARCEL SETBACK
- - - - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- x-x- EXISTING FENCE
- 550 — MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- ▒ SURFACE WATERS
- ▒ WETLANDS
- SOLAR ARRAY
- SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- ⊗ WATER/OIL WELL WITH 25 FT BUFFER



MEADE COUNTY KEY MAP
N.T.S.

C2.02

LEGEND

- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- x---x--- EXISTING FENCE
- 550 MAJOR CONTOUR
- +++++ RAIL ROAD TRACKS
-  SURFACE WATERS
-  WETLANDS
-  SOLAR ARRAY
- ○ ○ SECURITY FENCE
- INVERTER
- +— COLLECTION LINE
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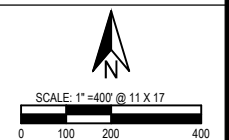


GREEN RIVER SOLAR MADE COUNTY, KENTUCKY

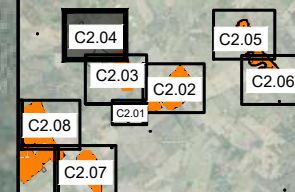
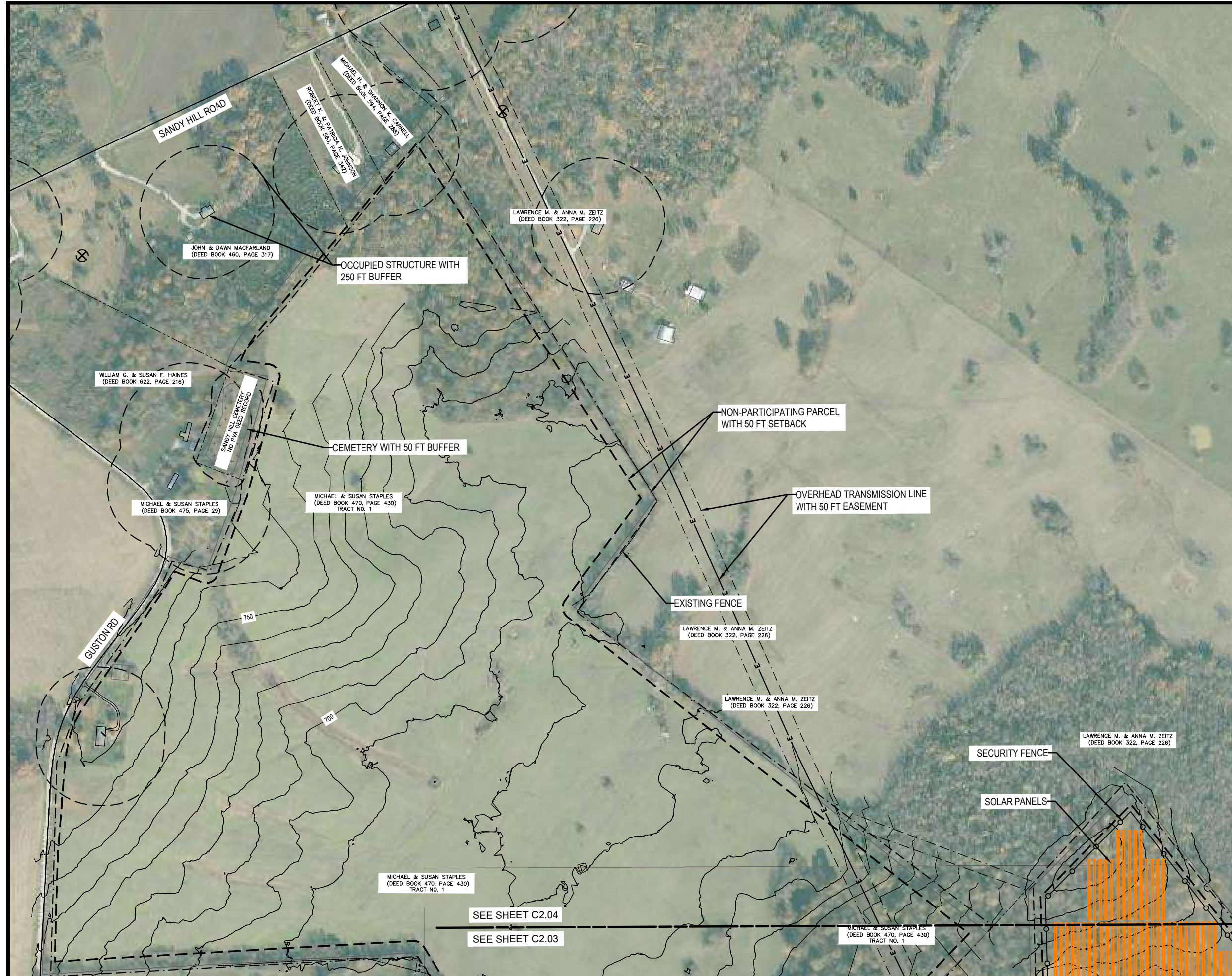
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TBD
09-22-2021
Date

SITE EXHIBIT



C2.04



MEADE COUNTY KEY MAP
N.T.S.

LEGEND

- PROPERTY LINE
- - - PARCEL SETBACK
- - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- E — OVERHEAD LINE
- x - x - EXISTING FENCE
- 550 — MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
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- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- ⊗ WATER/OIL WELL WITH 25 FT BUFFER

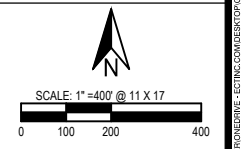
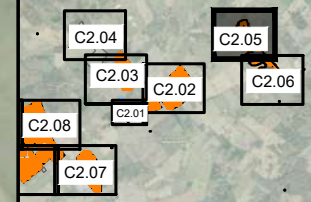
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KY SITING BOARD RESUBMITTAL	09-22-2021

TBD
09-22-2021
Date

SITE EXHIBIT



C2.05



SEE SHEET C2.05

SEE SHEET C2.06

MEADE COUNTY KEY MAP
N.T.S.

LEGEND

- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- EXISTING FENCE
- MAJOR CONTOUR
- RAIL ROAD TRACKS
- SURFACE WATERS
- WETLANDS
- SOLAR ARRAY
- SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- WATER/OIL WELL WITH 25 FT BUFFER

NEXTERA ENERGY

**GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY**

ECT PROJECT No.:	20-0594
DESIGNED BY:	NextEra Energy, Inc.
DRAWN BY:	MRA
CHECKED BY:	DMW/XG
APPROVED BY:	TBD
CONCEPT PLAN	06-25-2021
KY SITING BOARD	07-09-2021
MEADE CO. PLAN	07-13-2021
MEADE CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021

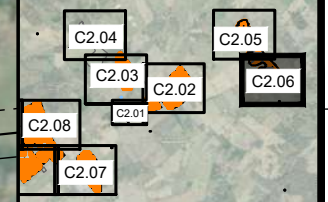
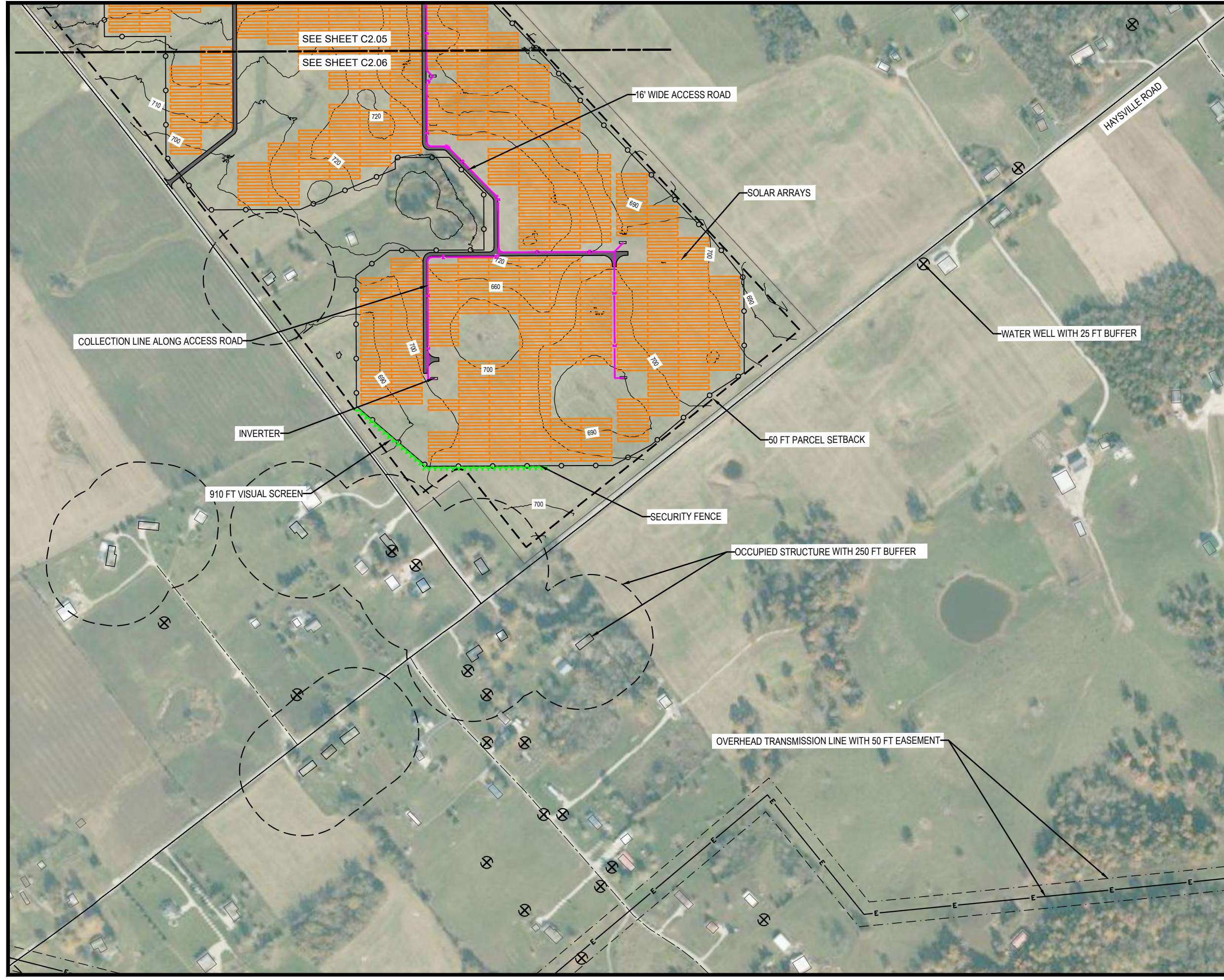
TBD
09-22-2021
Date

SITE EXHIBIT



MEADE COUNTY KEY MAP
N.T.S.

C2.06



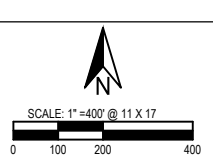


**GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY**

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MEADE CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021

TBD
09-22-2021
Date

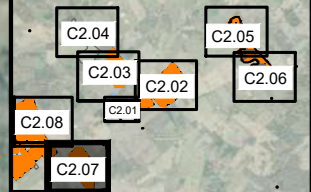
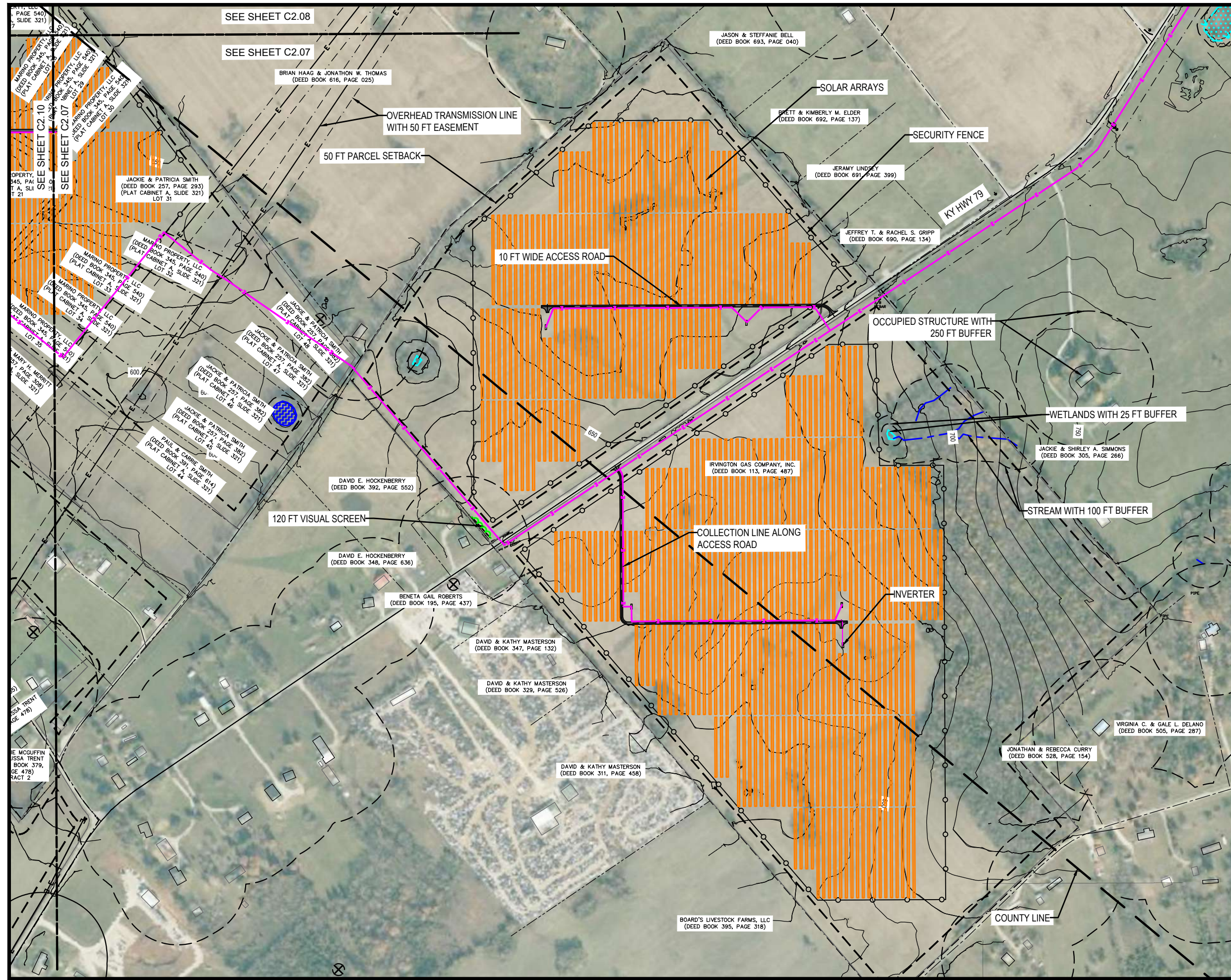
SITE EXHIBIT



C2.07

LEGEND

- PROPERTY LINE
- - - PARCEL SETBACK
- - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- x-x-x EXISTING FENCE
- 550 MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- ▨ SURFACE WATERS
- ▨ WETLANDS
- ▨ SOLAR ARRAY
- SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- ~ VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- ⊗ WATER/OIL WELL WITH 25 FT BUFFER



9/21/2021 10:11 PM by Matthew Acree

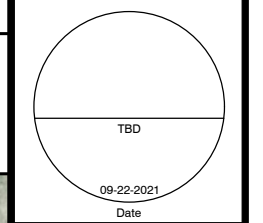
LEGEND

- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- EXISTING FENCE
- MAJOR CONTOUR
- RAIL ROAD TRACKS
- SURFACE WATERS
- WETLANDS
- SOLAR ARRAY
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- UNOCCUPIED STRUCTURE WITH 20' BUFFER
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- WATER/OIL WELL WITH 25 FT BUFFER

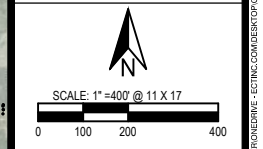
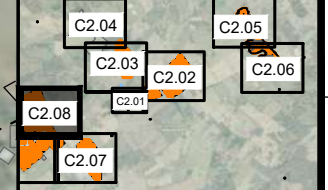
ECT Environmental Consulting & Technology, Inc.
707 E. 3rd Ave.
New Smyrna Beach, FL 32169
Phone: (386) 427-0694
www.ectinc.com

NEXTERA ENERGY
GREEN RIVER SOLAR
MAEDA COUNTY,
KENTUCKY

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MAEDA CO. PLAN	07-13-2021
MAEDA CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021

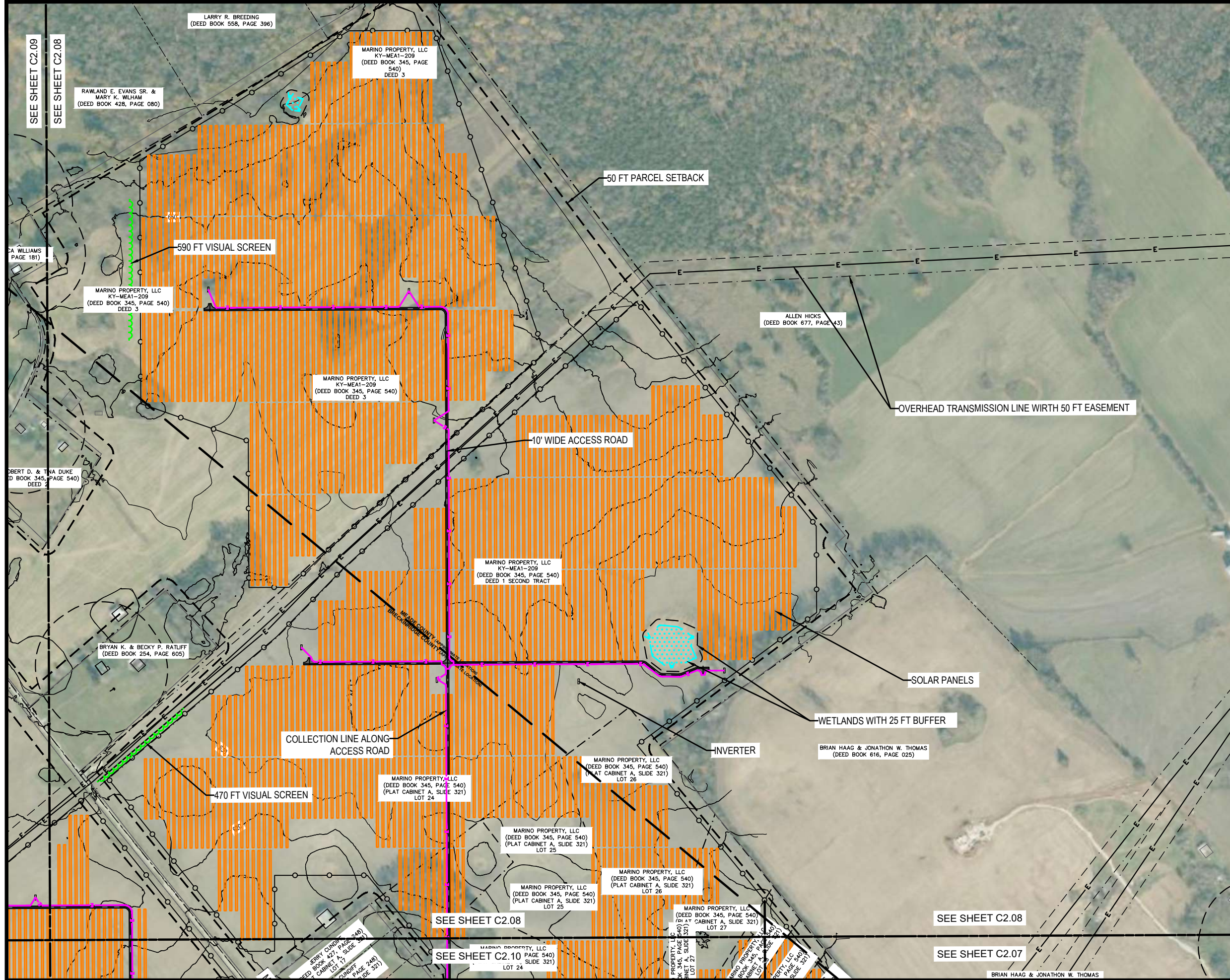


SITE EXHIBIT



MEADE COUNTY KEY MAP
N.T.S.

C2.08



9/21/2021 10:22 PM By Matthew Archer

LEGEND

- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- E — OVERHEAD LINE
- x - x - EXISTING FENCE
- 550 --- MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- ▨ SURFACE WATERS
- ▨ WETLANDS
- ▨ SOLAR ARRAY
- SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- ~ VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- ⊗ WATER/OIL WELL WITH 25 FT BUFFER

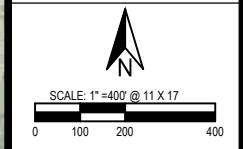
NEXTERA ENERGY GREEN RIVER SOLAR MADE COUNTY, KENTUCKY

ECT PROJECT No.:	20-0594
DESIGNED BY:	NextEra Energy, Inc.
DRAWN BY:	MRA
CHECKED BY:	DMW/XG
APPROVED BY:	TBD
CONCEPT PLAN	06-25-2021
KY SITING BOARD	07-09-2021
MADE CO. PLAN	07-13-2021
MADE CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021

TBD
09-22-2021
Date

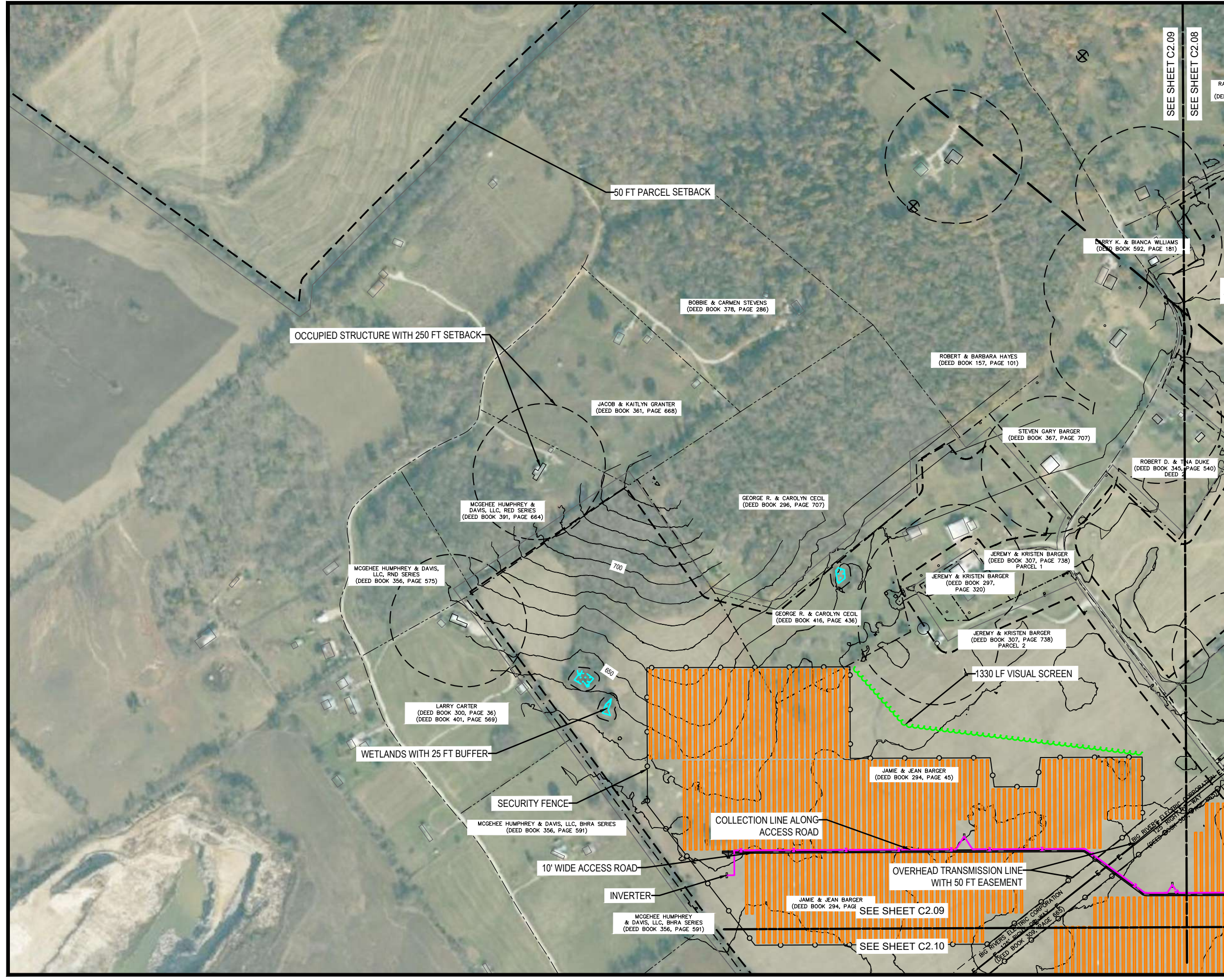
SITE EXHIBIT

C2.15	C2.13	C2.11
C2.16	C2.14	C2.12



BRECKINRIDGE COUNTY
KEY MAP
N.T.S.

C2.09



ECT PROJECT No.:	20-0594
DESIGNED BY:	NextEra Energy, Inc.
DRAWN BY:	MRA
CHECKED BY:	DMW/XG
APPROVED BY:	TBD

CONCEPT PLAN	06-25-2021
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KY SITING BOARD RESUBMITTAL	09-22-2021

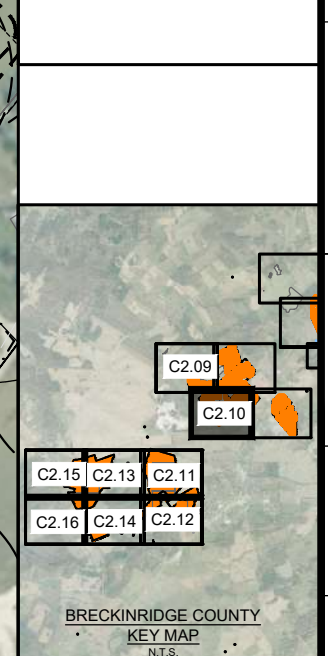
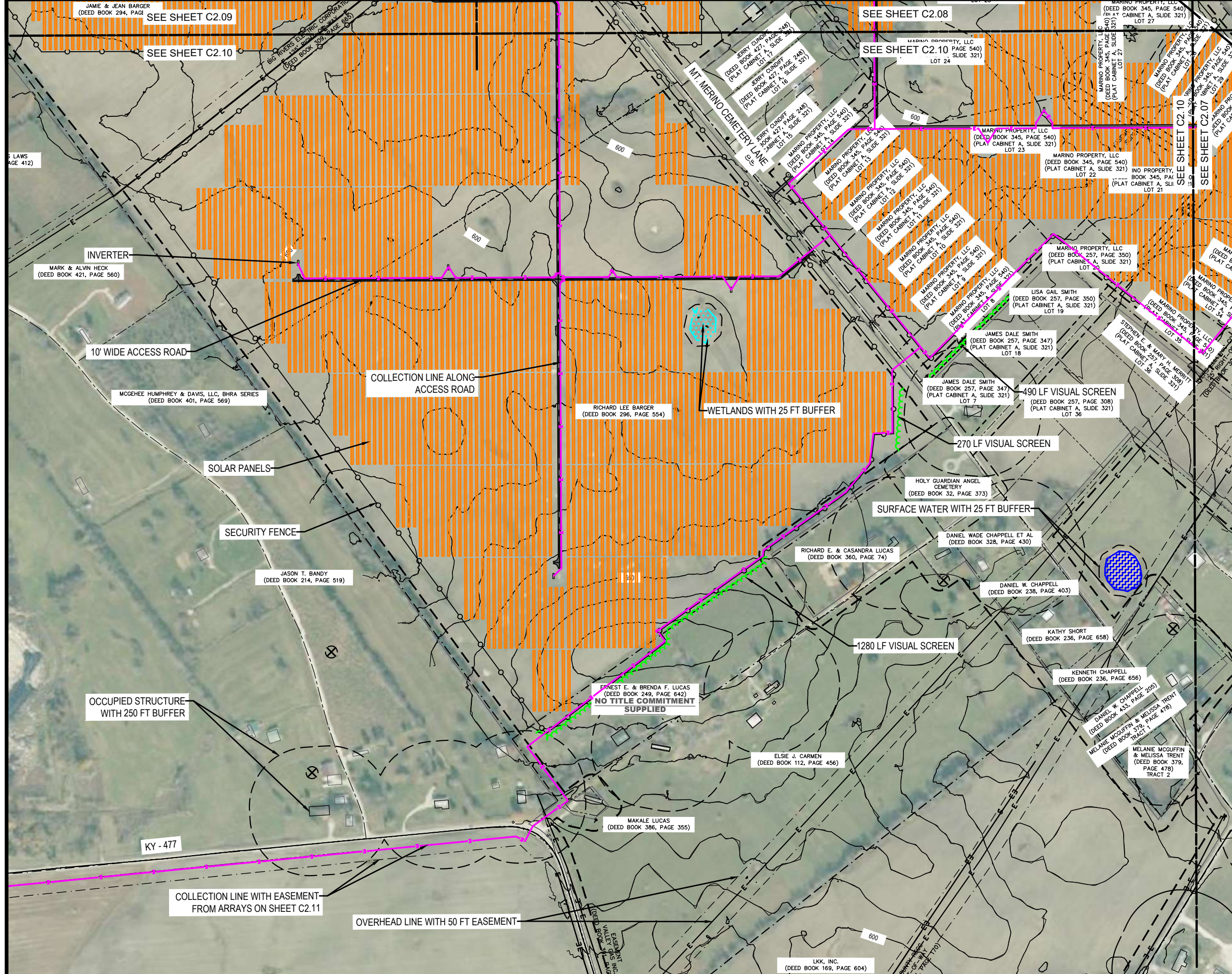
UNOCCUPIED STRUCTURE WITH 20' BUFFER
OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
WATER/OIL WELL WITH 25 FT BUFFER

TBD
09-22-2021
Date

SITE EXHIBIT
SCALE: 1"=400' @ 11 X 17
0 100 200 400
C2.10

LEGEND

- PROPERTY LINE
- - - - - PARCEL SETBACK
- - - - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- x x x EXISTING FENCE
- MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- Surface Waters
- Wetlands
- Solar Array
- Security Fence
- Inverter
- Collection Line
- Proposed Road
- Visual Screen
- Unoccupied Structure with 20' Buffer
- Occupied Structure with 250' Buffer (N.T.S.)
- Water/Oil Well with 25 ft Buffer



BRECKINRIDGE COUNTY
KEY MAP
N.T.S.

C2.10

LEGEND

- PROPERTY LINE
- - - - - PARCEL SETBACK
- - - - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- E — OVERHEAD LINE
- x - x - EXISTING FENCE
- 550 — MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- [Blue Hatched Box] SURFACE WATERS
- [Green Dotted Box] WETLANDS
- [Orange Hatched Box] SOLAR ARRAY
- SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- [Green Wavy Line] VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- ⊗ WATER/OIL WELL WITH 25 FT BUFFER

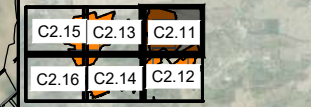
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NEXTERA ENERGY
GREEN RIVER SOLAR
MADE COUNTY,
KENTUCKY

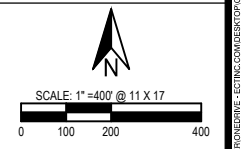
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MADE CO. PLAN RESUBMITTAL	08-11-2021
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TBD
09-22-2021
Date

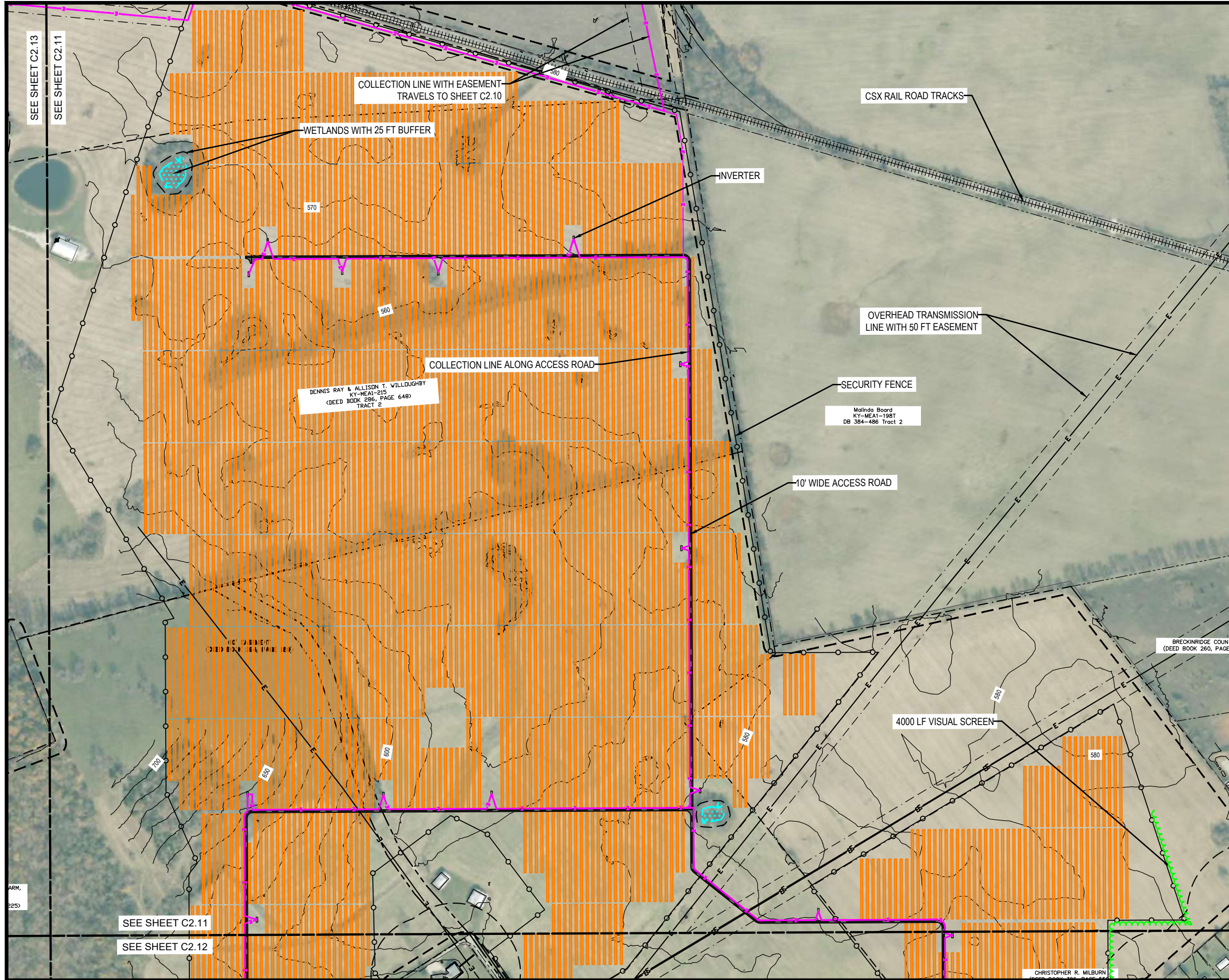
SITE EXHIBIT



BRECKINRIDGE COUNTY
KEY MAP
N.T.S.



C2.11



SEE SHEET C2.13
SEE SHEET C2.11

SEE SHEET C2.11
SEE SHEET C2.12

CHRISTOPHER R. MILBURN
(DEED BOOK 260, PAGE 2)

9/22/2021 10:32 AM by Matthew Archer

LEGEND

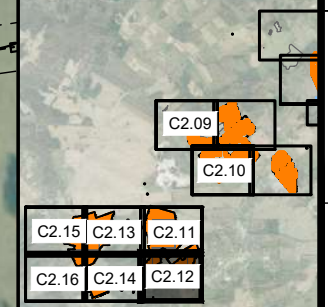
- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- EXISTING FENCE
- MAJOR CONTOUR
- RAIL ROAD TRACKS
- SURFACE WATERS
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- PROPOSED ROAD
- VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- WATER/OIL WELL WITH 25 FT BUFFER

NEXTERA ENERGY

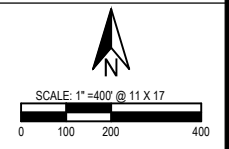
**GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY**

ECT PROJECT No.:	20-0594
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MEADE CO. PLAN	07-13-2021
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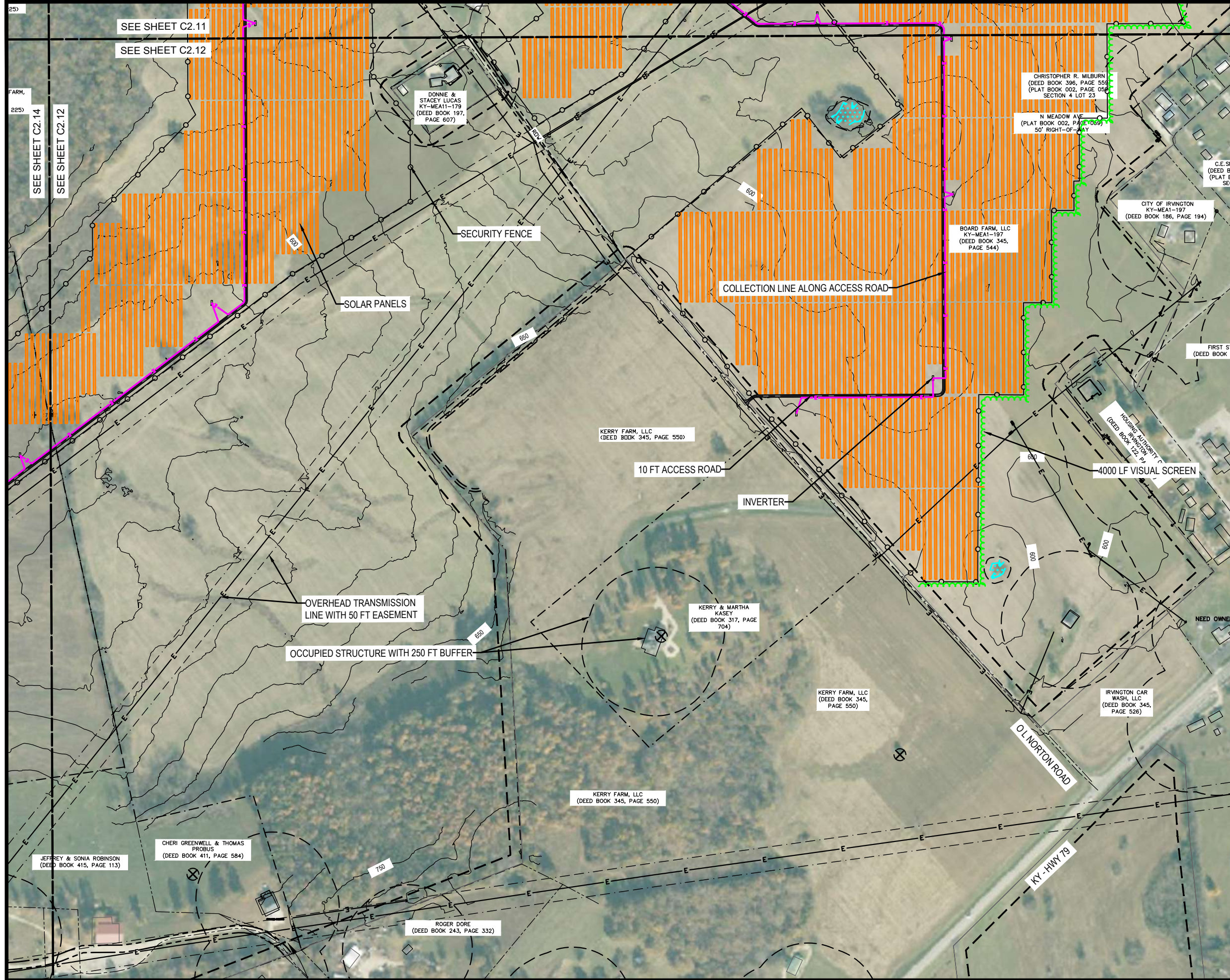
TBD
09-22-2021
Date



SITE EXHIBIT



C2.12



BRECKINRIDGE COUNTY
KEY MAP
N.T.S.

LEGEND

- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- EXISTING FENCE
- MAJOR CONTOUR
- RAIL ROAD TRACKS
- SURFACE WATERS
- WETLANDS
- SOLAR ARRAY
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- UNOCCUPIED STRUCTURE WITH 20' BUFFER
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- WATER/OIL WELL WITH 25 FT BUFFER

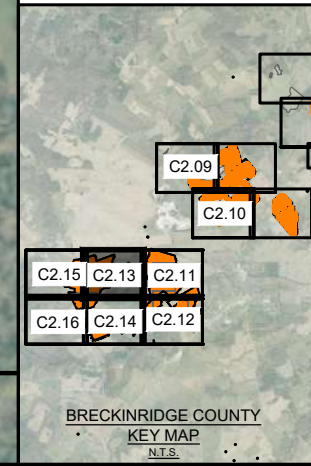
NEXTERA ENERGY

GREEN RIVER SOLAR
MEADE COUNTY,
KENTUCKY

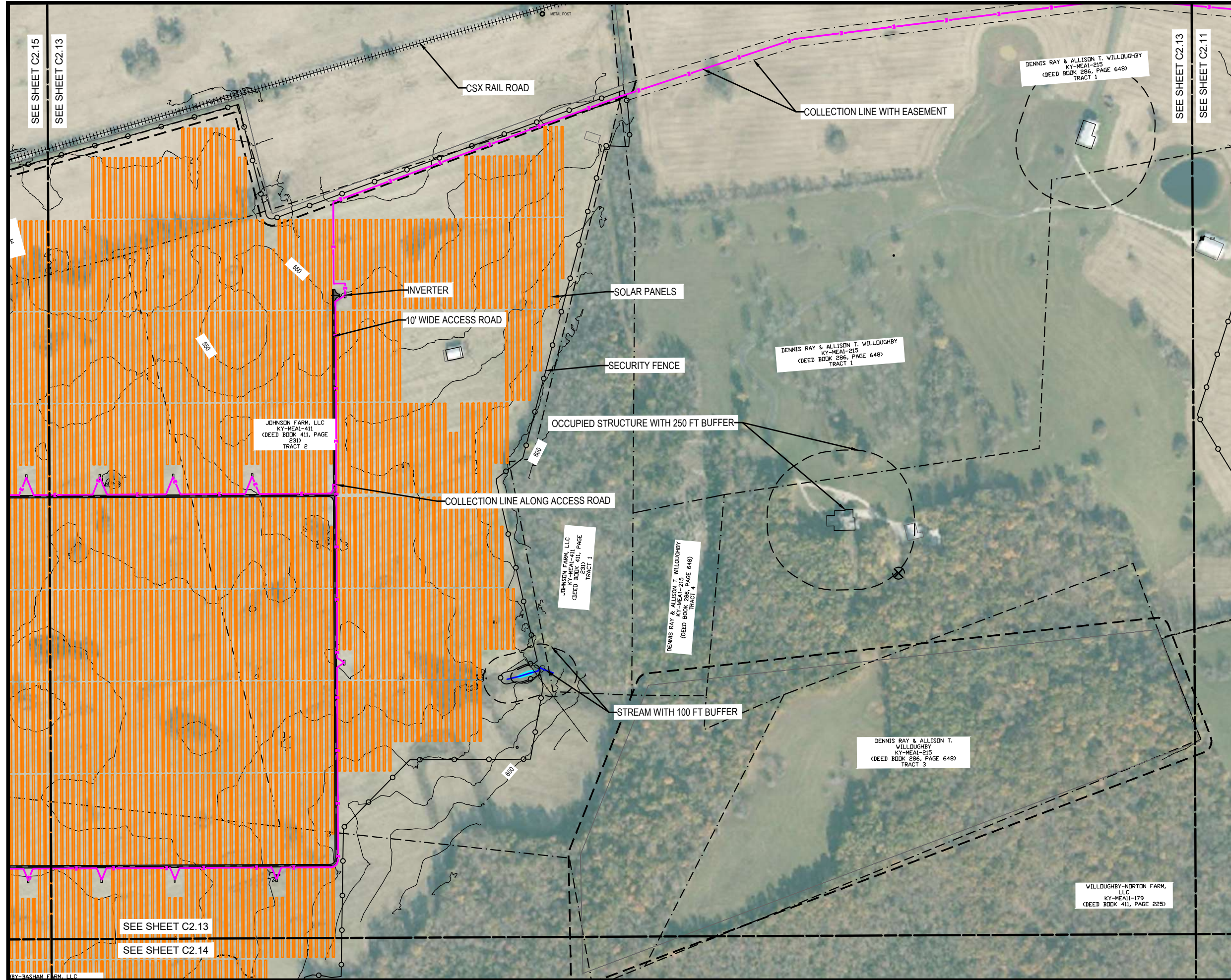
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KY SITING BOARD RESUBMITTAL	09-22-2021

TBD
09-22-2021
Date

SITE EXHIBIT



C2.13



SEE SHEET C2.15
SEE SHEET C2.13

SEE SHEET C2.13
SEE SHEET C2.11

SEE SHEET C2.13
SEE SHEET C2.14

RY-BASHAM FARM, LLC

BRECKINRIDGE COUNTY
KEY MAP
N.T.S.



**GREEN RIVER SOLAR
MADE COUNTY,
KENTUCKY**

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MADE CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021

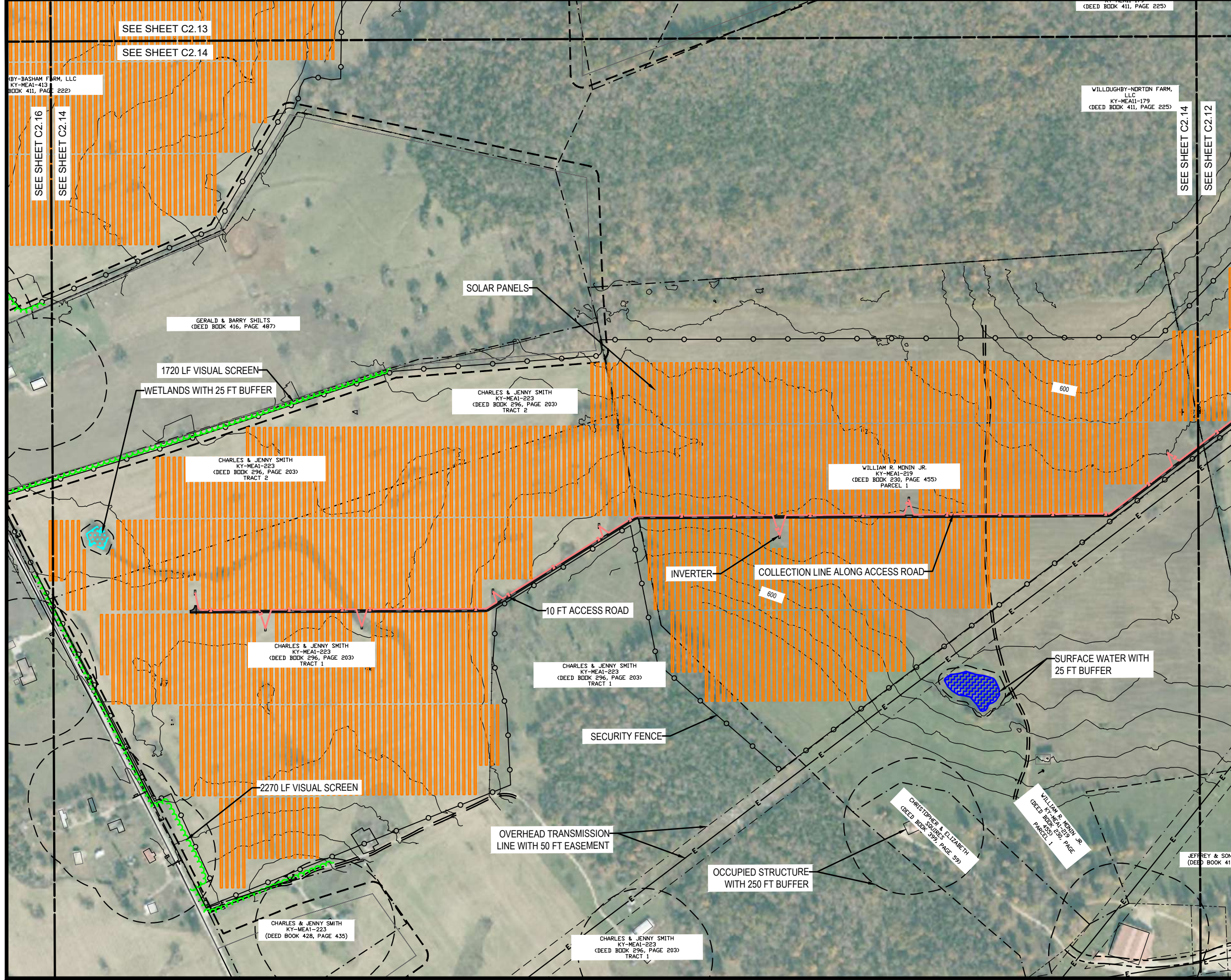
TBD
09-22-2021
Date

SITE EXHIBIT



LEGEND

- PROPERTY LINE
- PARCEL SETBACK
- OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- OVERHEAD LINE
- EXISTING FENCE
- MAJOR CONTOUR
- RAIL ROAD TRACKS
- SURFACE WATERS
- WETLANDS
- SOLAR ARRAY
- SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- WATER/OIL WELL WITH 25 FT BUFFER



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SITE EXHIBIT

LEGEND

- PROPERTY LINE
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- - - - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- E — OVERHEAD LINE
- x - x - EXISTING FENCE
- 550 — MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- [Blue Hatched] SURFACE WATERS
- [Green Hatched] WETLANDS
- [Orange Hatched] SOLAR ARRAY
- ○ ○ SECURITY FENCE
- INVERTER
- COLLECTION LINE
- PROPOSED ROAD
- [Green Dashed] VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
- OCCUPIED STRUCTURE WITH 250' BUFFER (N.T.S.)
- ⊗ WATER/OIL WELL WITH 25 FT BUFFER

SEE SHEET C2.15

SEE SHEET C2.16

SEE SHEET C2.13

SEE SHEET C2.11

SEE SHEET C2.12

SEE SHEET C2.14

SEE SHEET C2.09

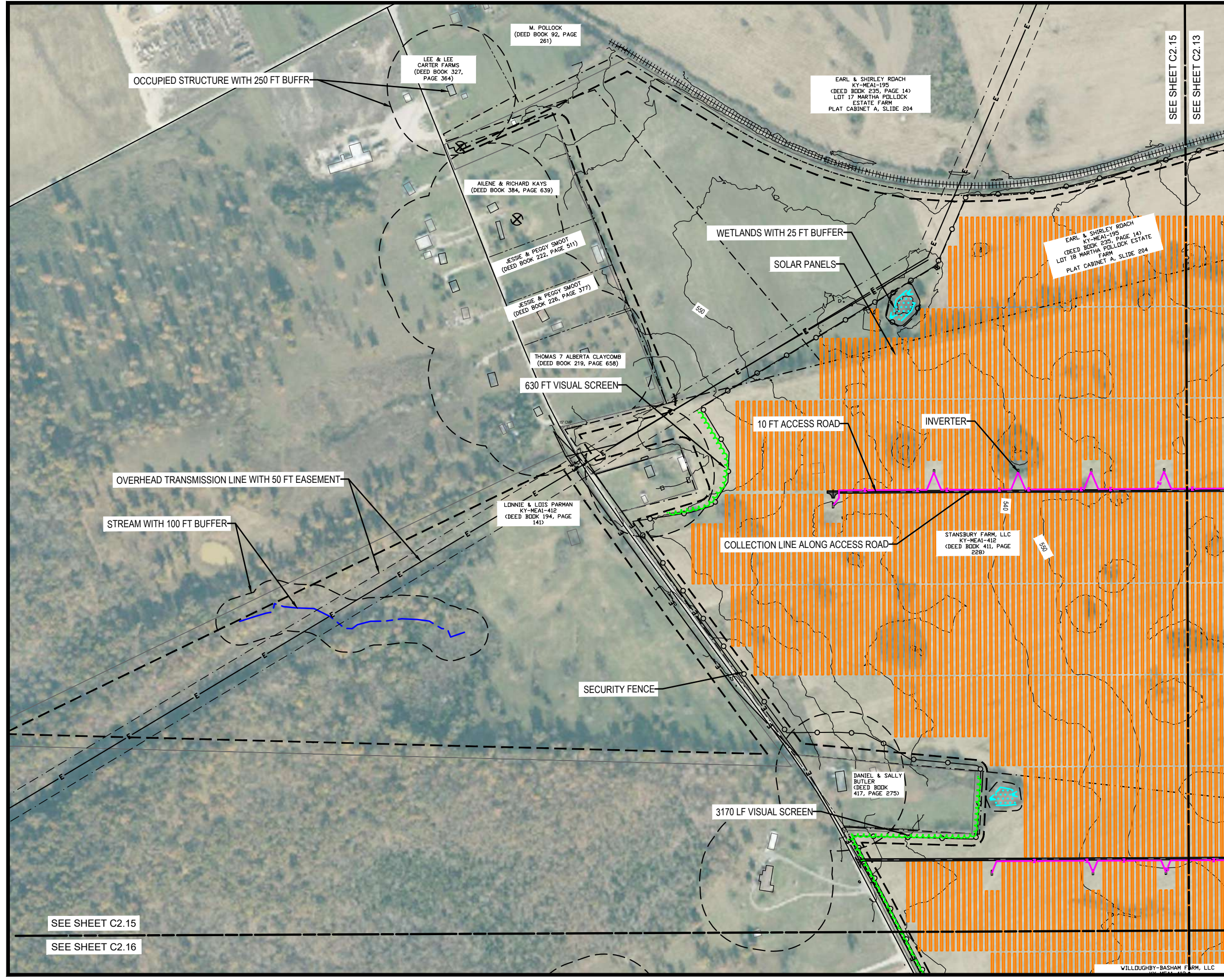
SEE SHEET C2.10

BRECKINRIDGE COUNTY
KEY MAP
N.T.S.

SCALE: 1"=400' @ 11 X 17

0 100 200 400

C2.15



C:\USERS\WARRICK\WORKSPACE\ECT\PROJECTS\GREEN RIVER SOLAR\BASE\LOCAL\LEGEND

SEE SHEET C2.15

SEE SHEET C2.16

WILLOUGHBY-BASHAM FARM, LLC
KY-MEA1-413
(DEED BOOK 411, PAGE 222)

SOLAR PANELS

OCCUPIED STRUCTURE WITH 250 FT BUFFER

3170 FT VISUAL SCREEN

SECURITY FENCE

WEBSTER BASIN SPRINGS ROAD

SEE SHEET C2.16

SEE SHEET C2.14

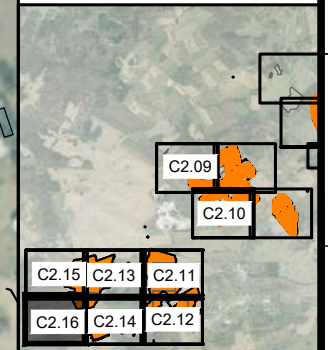
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- PROPERTY LINE
- - - - - PARCEL SETBACK
- - - - - OTHER SETBACKS
- COUNTY LINE
- EXISTING ROAD
- E — OVERHEAD LINE
- x - x - EXISTING FENCE
- 550 — MAJOR CONTOUR
- ||||| RAIL ROAD TRACKS
- ▒ SURFACE WATERS
- ▒ WETLANDS
- SOLAR ARRAY
- ○ ○ SECURITY FENCE
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- VISUAL SCREEN
- UNOCCUPIED STRUCTURE WITH 20' BUFFER
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- ⊗ WATER/OIL WELL WITH 25 FT BUFFER

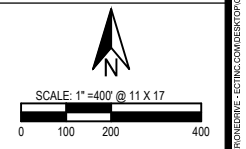
NEXTERA ENERGY GREEN RIVER SOLAR MEADE COUNTY, KENTUCKY

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KY SITING BOARD RESUBMITTAL	09-22-2021

TBD
09-22-2021
Date



SITE EXHIBIT



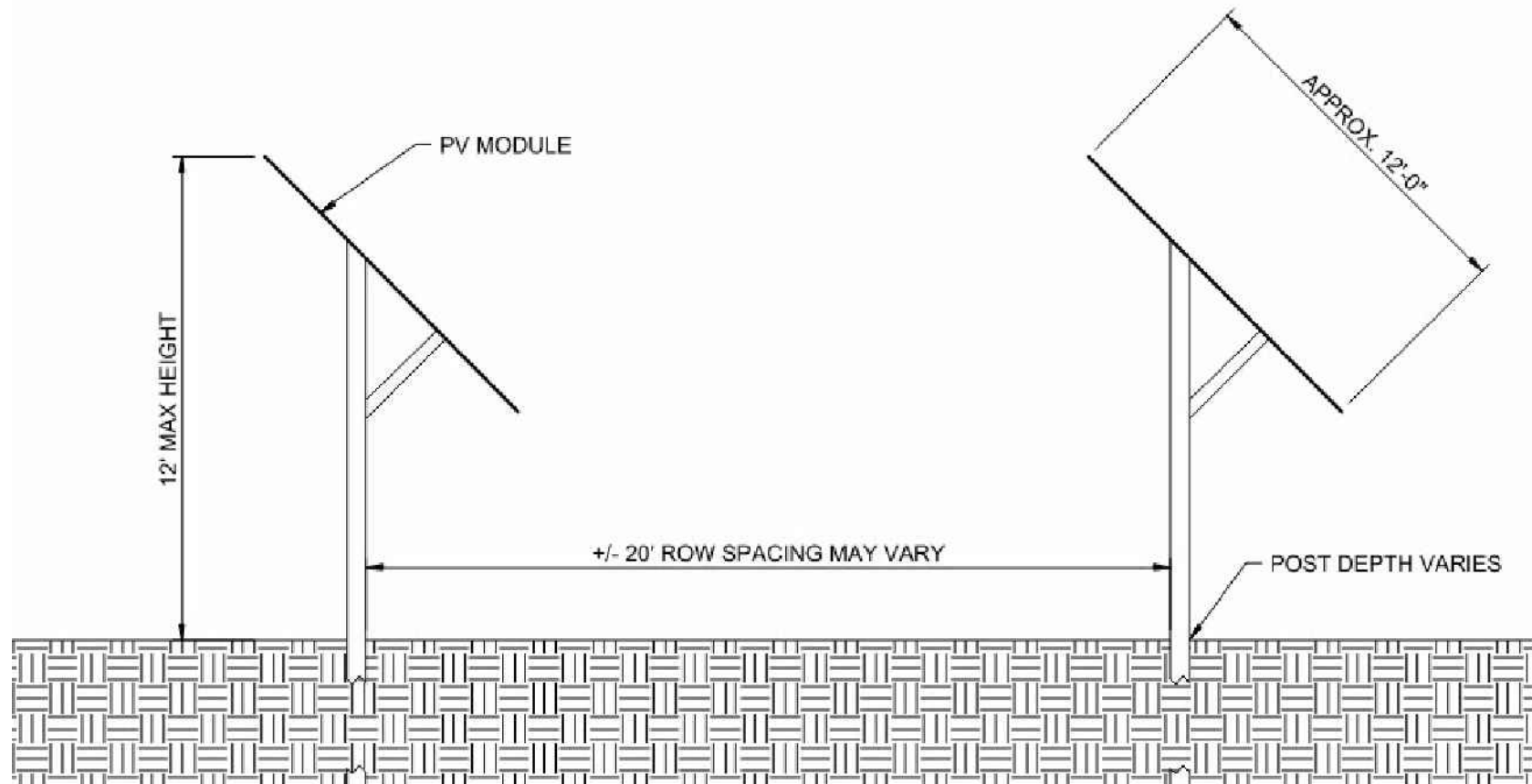
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ECT PROJECT No.:	20-0594
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KY SITING BOARD RESUBMITTAL	09-22-2021

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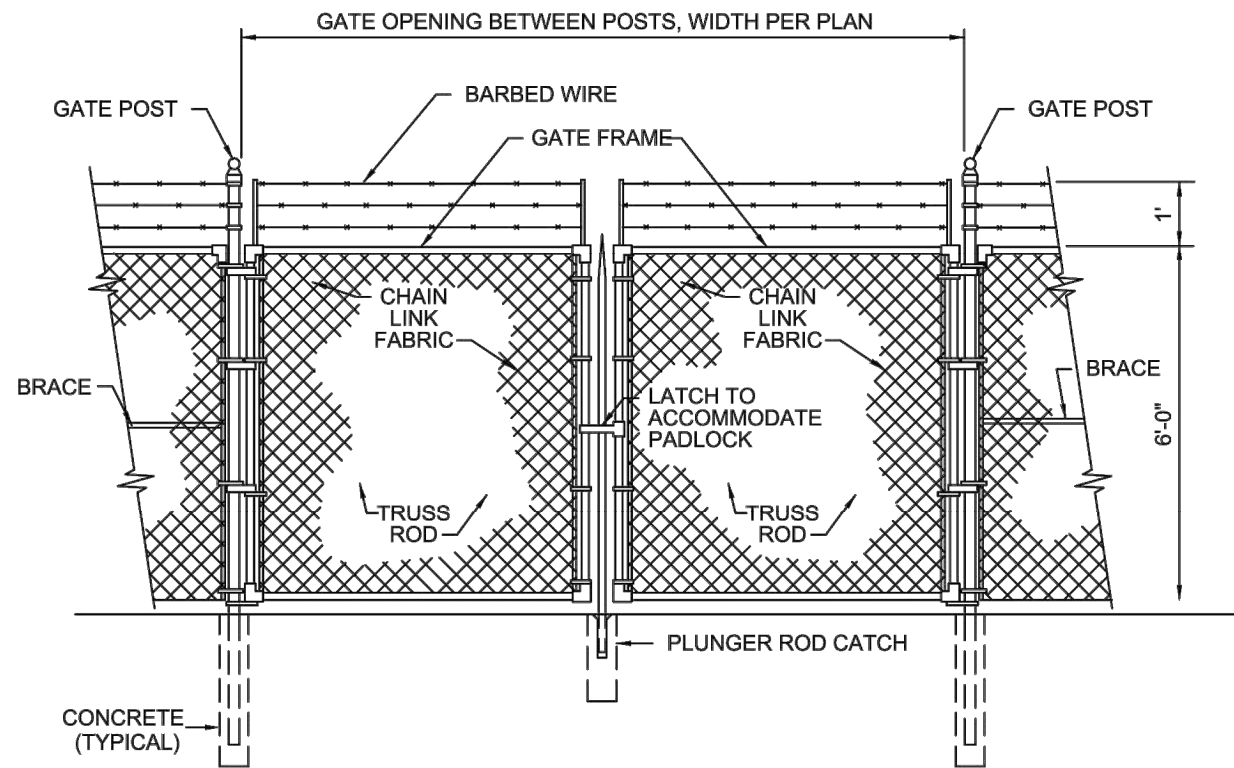
**CONSTRUCTION
 DETAILS**

C3.01

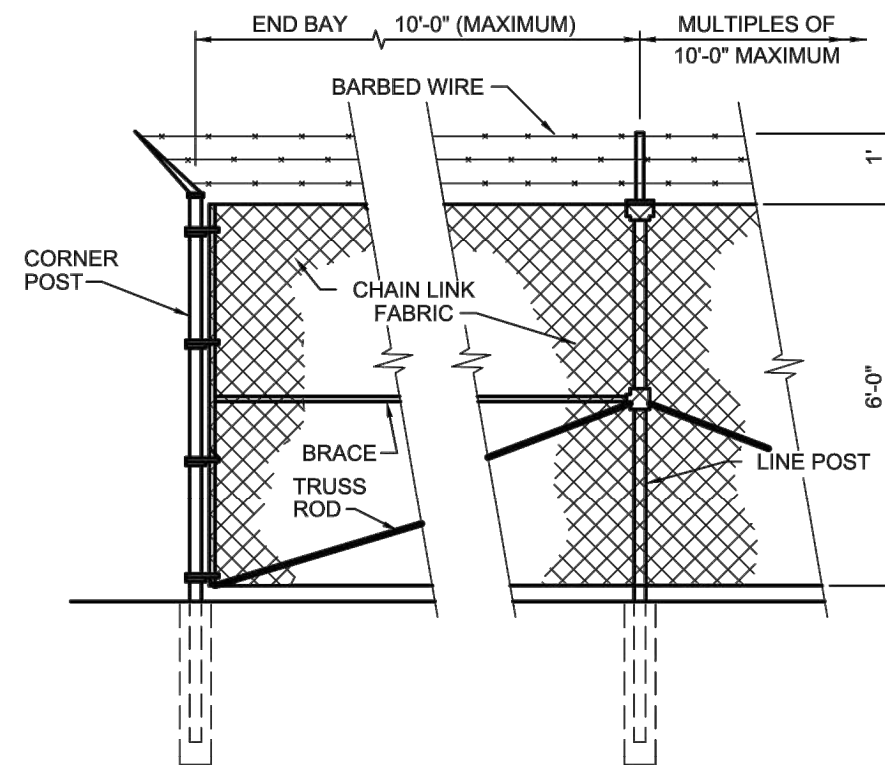


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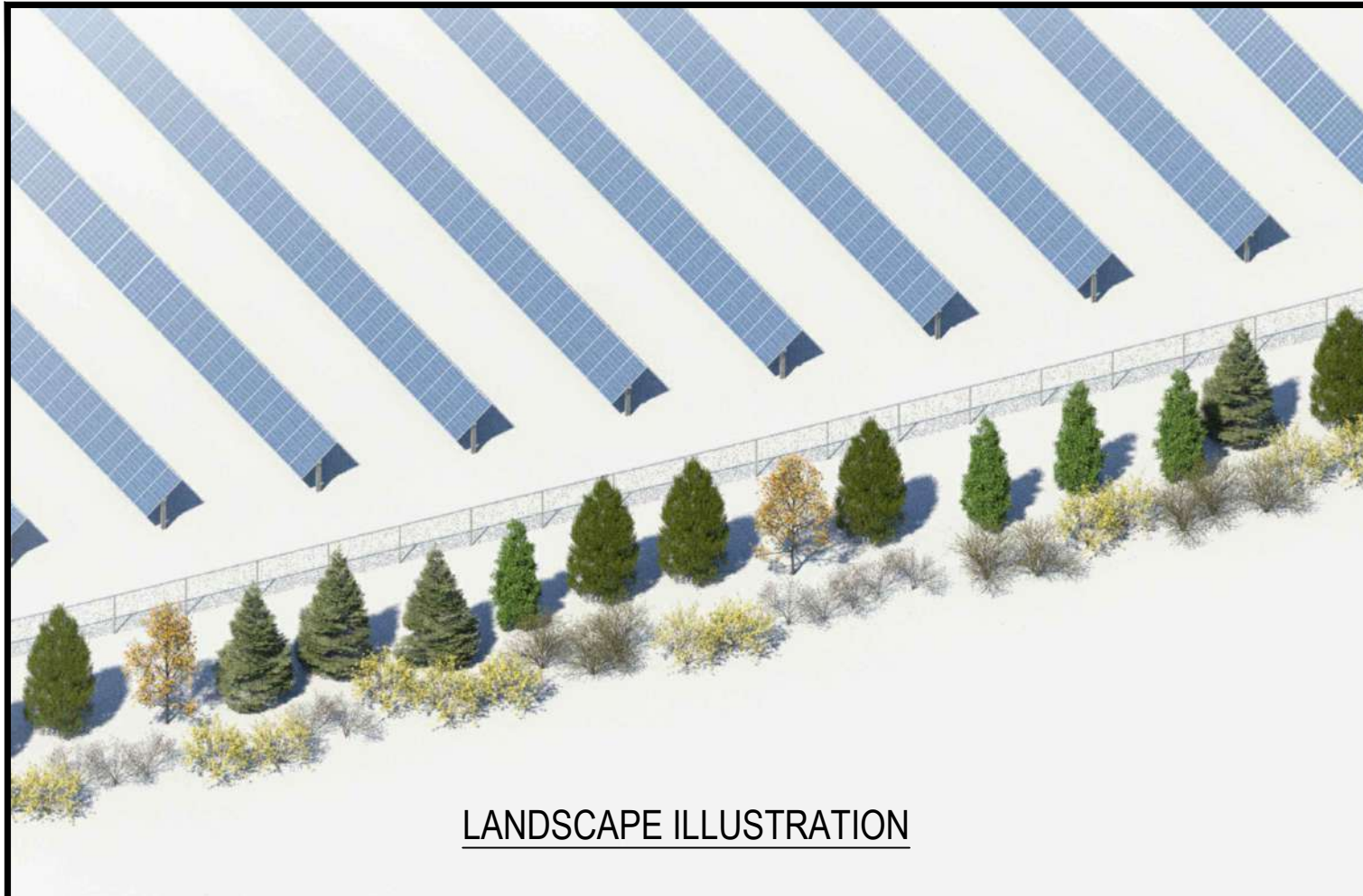
1. DETAILS ON THIS DRAWING ARE CONCEPTUAL ONLY.
2. FOUNDATION AND EQUIPMENT CONFIGURATION SUBJECT TO CHANGE DURING DETAILED DESIGN.
3. PILE EMBEDMENT DEPTH VARIES ON GEOTECHNICAL STUDY RESULTS AND STRUCTURAL DESIGN.
4. ACTUAL OPTIMAL DIMENSIONS MAY DEPEND ON SPECIFIC CONDITIONS OF THE SITE.



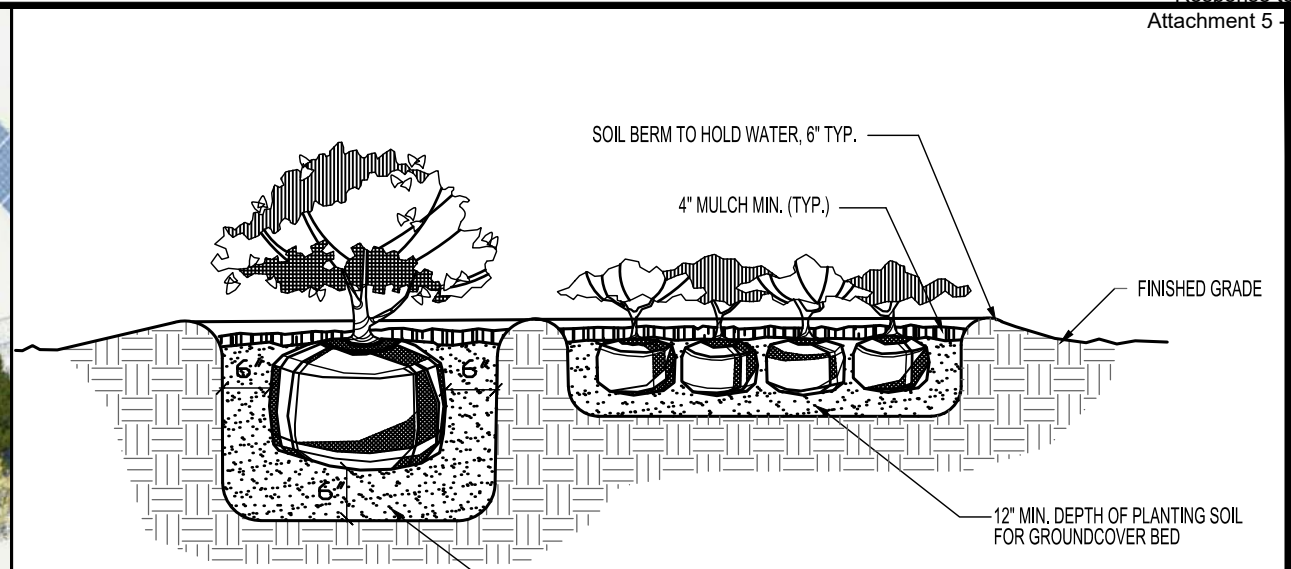
**DOUBLE SWING GATE DETAIL
 NOT TO SCALE**



**SECURITY FENCE DETAIL
 NOT TO SCALE**

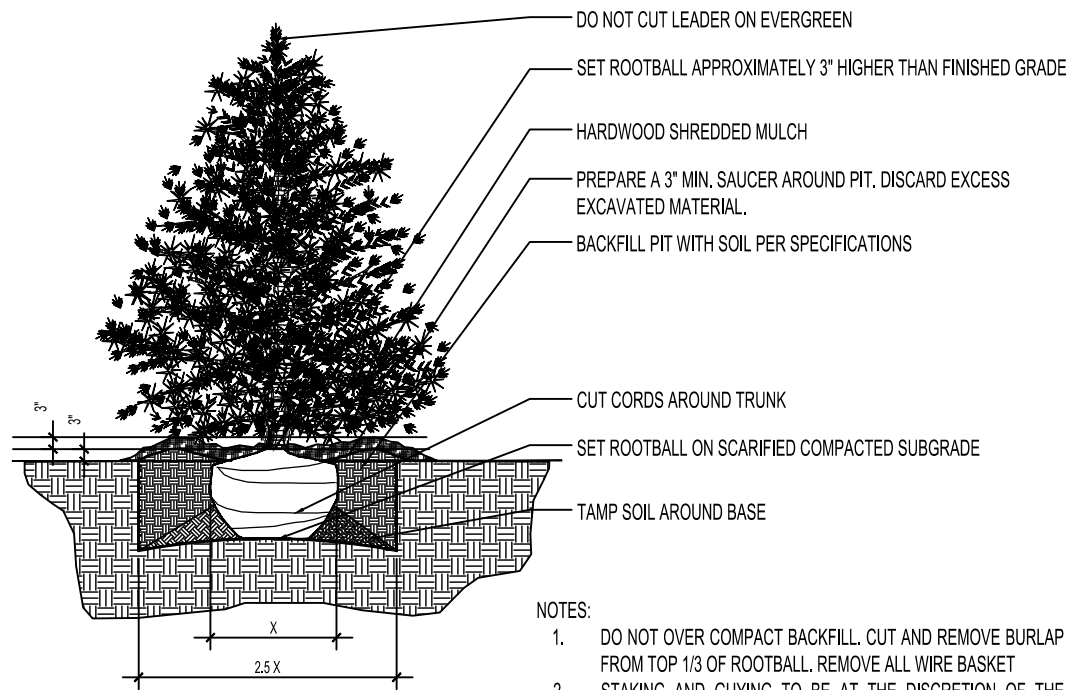


LANDSCAPE ILLUSTRATION



NOTE: CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS / BEDS PRIOR TO INSTALLATION

SHRUB AND GROUNDCOVER DETAIL



- NOTES:
- DO NOT OVER COMPACT BACKFILL. CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL. REMOVE ALL WIRE BASKET STAKING AND GUYING TO BE AT THE DISCRETION OF THE CONTRACTOR. TREES SHALL NOT SWAY EXCESSIVELY

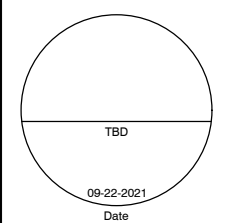
EVERGREEN PLANTING DETAIL

Table 1. Potential Evergreen and Deciduous Species Utilized by the Proposed Project

Type	Species	Scientific Name
Coniferous Trees and Shrubs	White Pine	<i>Pinus strobus</i>
	Virginia Pine	<i>Pinus virginiana</i>
	Red Cedar	<i>Juniperus virginiana</i>
	Common Juniper*	<i>Juniperus communis</i>
	Eastern Hemlock	<i>Tsuga canadensis</i>
Broadleaf Small Trees and Shrubs	Serviceberry	<i>Amelanchier spp.</i>
	Dogwood	<i>Cornus spp.</i>
	Winterberry	<i>Ilex spp.</i>
	Chokecherry	<i>Prunus virginiana</i>
	Ninebark	<i>Physocarpus opulifolius</i>
	Sumac	<i>Rhus spp.</i>
	Viburnum	<i>Viburnum spp.</i>
	Redbud	<i>Cercis canadensis</i>

* an upright growing habitat cultivar

ECT PROJECT No.:	20-0594
DESIGNED BY:	NextEra Energy, Inc.
DRAWN BY:	MRA
CHECKED BY:	DMW/XG
APPROVED BY:	TBD
CONCEPT PLAN	06-25-2021
KY SITING BOARD	07-09-2021
MEADE CO. PLAN	07-13-2021
MEADE CO. PLAN RESUBMITTAL	08-11-2021
KY SITING BOARD RESUBMITTAL	09-22-2021



LANDSCAPE ILLUSTRATION

9/21/2021 12:09 PM by Matthew Arce

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

REQUEST 6

RESPONSIBLE PARTY: Lina Jensen

Request 6. Confirm whether Green River Solar's arrays have anti-reflective coatings to reduce glare.

Response 6.

Green River Solar's solar panels will have anti-reflective coatings to reduce glare.

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

**SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21
REQUEST 7**

RESPONSIBLE PARTY: Lina Jensen

Request 7. The Traffic and Dust Study states that “Four other site entrances of the project are located on KY 79.” (App. Vol. 2 – Tab 11 – Attach. A – Exh 6. Page 3 of 12). The maps in App Vol. 2 – Tab 11 – Attach A – Exh 3 appear to show a total of five site entrances from KY 79, including two on figure C1.07, two on figure C1.09 and one on figure C1.13. Confirm the correct number of anticipated entrances from KY 79.

Response 7.

Green River Solar anticipates a total of five site entrances from KY 79. Refer to Attachment 1b submitted as part of the response to Staff's First Information Request. Site Entrances from KY 79 are located on figure(s) C2.01 (KY 79), C2.02 (KY 79, 2 entrances), and C2.07 (KY 79, 2 entrances).

GREEN RIVER SOLAR, LLC

CASE NO. 2020-00387

RESPONSE TO INFORMATION REQUEST

SITING BOARD STAFF'S SECOND REQUEST FOR INFORMATION DATED 9/10/21

REQUEST 8

RESPONSIBLE PARTY: Lina Jensen

Request 8. Provide a summary of the Meade County Planning and Zoning Department's September 2, 2021, discussion and vote on approval of the Green River Solar project.

Response 8. The Meade County Planning and Zoning Commission (Commission) approved Green River Solar's application for a zoning change on September 2, 2021. The Executive Director of the Commission gave a brief presentation on Green River Solar's proposal, which was followed by a presentation by Lina Jensen on behalf of Green River Solar. The meeting was then opened to public comments. There were approximately eight people who spoke in support of the project and approximately three people who spoke in opposition to the project. Following a public comment period, one commission member voiced his opposition to solar generating facilities in Meade County in general and another questioned whether the Project would satisfy the setback requirements if KY Route 79 is reconstructed to eliminate a couple of curves.

Lina Jensen responded that project representatives are available to address any of the specific concerns brought up at the meeting by the public and that the Kentucky Transportation

Cabinet would be consulted to determine the details of the KY-79 project. The Planning & Zoning Commission then voted on the project, and the motion to recommend the application to Fiscal Court was approved by a vote of 4-3.

Following the meeting, Green River Solar representatives met with one couple who voiced opposition to the Project to address their concerns and have updated the visual buffers on Sheet C2.02 included in Attachment 5 as a result of this discussion.

Green River Solar representatives also reached out to the Transportation Cabinet's Chief District Engineer in Elizabethtown to understand the plans for KY-79. Though the project has been in the Six-Year Road Plan since 2012, the current plan calls for construction on the road-straightening project to begin in 2024. The highway project is not expected to have a meaningful impact on the solar Project site plan as any road construction will take place at the end or after construction of the solar Project is complete. Green River Solar will continue to coordinate with the Transportation Cabinet's Elizabethtown Office.

The Meade County Fiscal Court unanimously considered and approved Green River Solar's application for a zoning change on September 14, 2021. The Executive Director of the Meade County Planning and Zoning Commission gave a brief presentation on the proceedings of the Planning & Zoning Commission on September 2, 2021, followed by a vote from the Fiscal Court to approve the zoning change by a vote of 6-0.