

# SONG SPARROW SOLAR

BALLARD COUNTY, KENTUCKY

KENTUCKY SITING BOARD REVIEW SET

CONCEPTUAL SITE PLAN

**REVAMP**

ENGINEERING, INC.

428 13th St.  
3rd Floor  
Oakland, CA 94612  
www.revamp-eng.com

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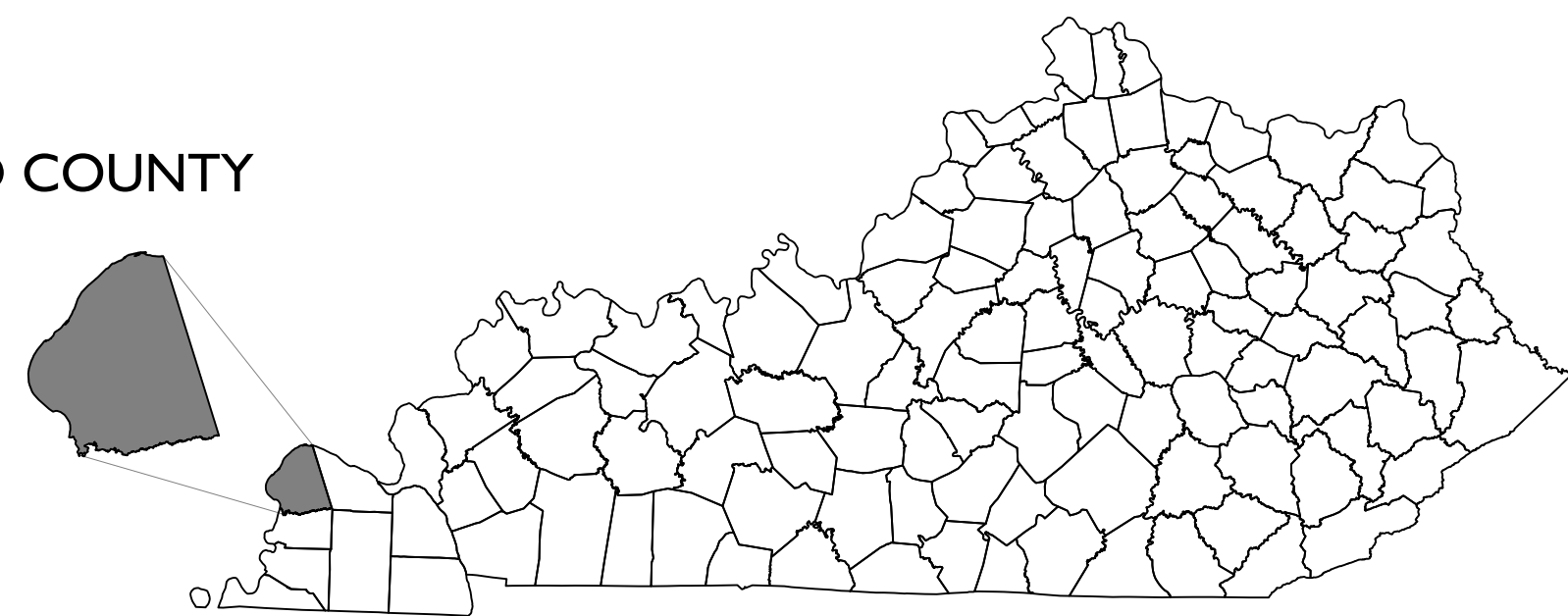
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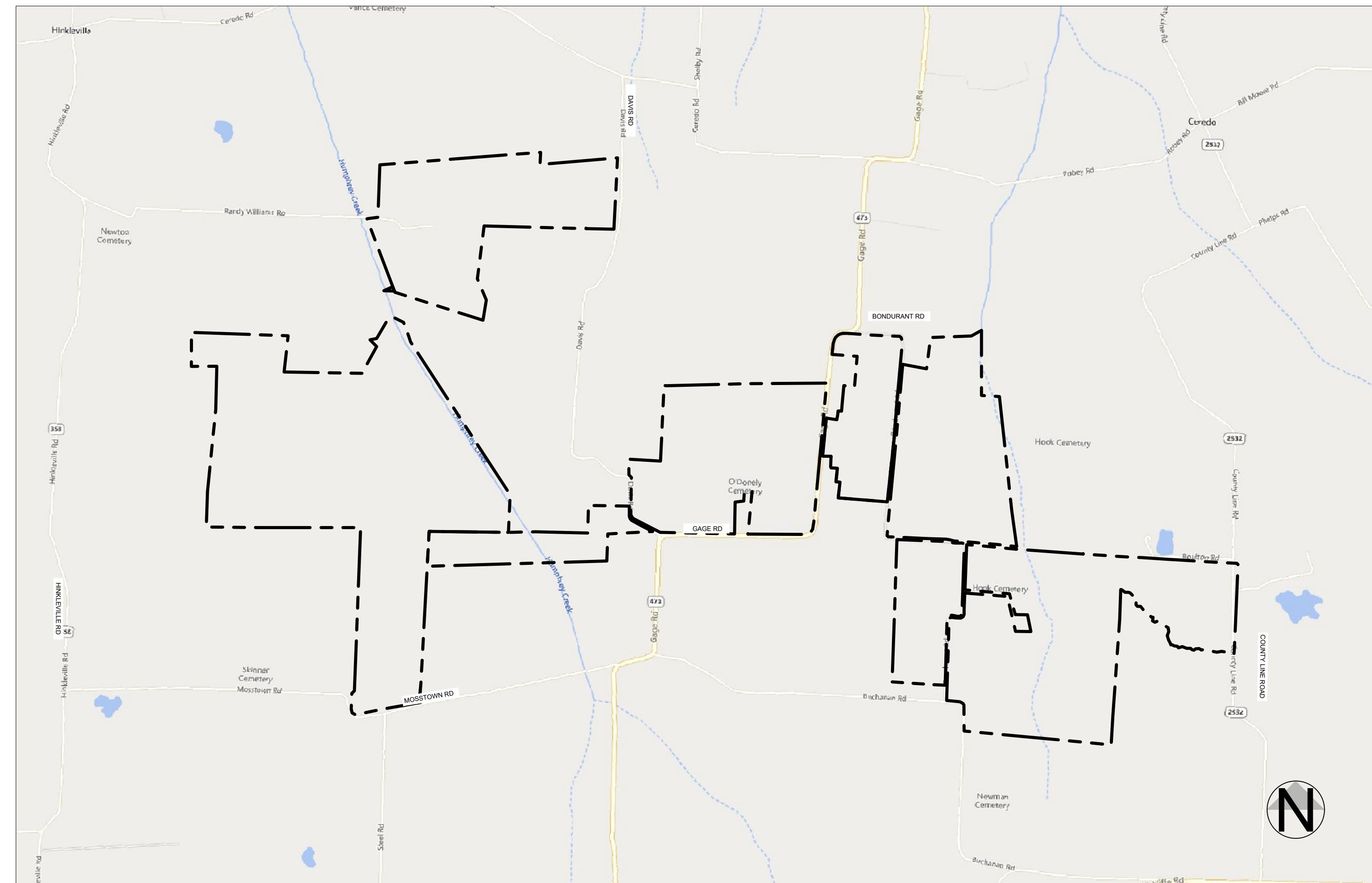
BALLARD COUNTY



**1 KENTUCKY STATE MAP**  
NTS

**PROJECT SITE INFORMATION**

SITE ADDRESS	TBD
COUNTY PARCEL NUMBER	VARIOUS
GPS COORDINATES	37.017164°, -88.912536°
SITE ELEVATION	440 FEET AMSL
UTILITY NAME	LOUISVILLE GAS & ELECTRIC
UTILITY ADDRESS	TBD
UTILITY CONTACT INFORMATION	TBD
DEVELOPER NAME	SONG SPARROW SOLAR, LLC
DEVELOPER ADDRESS	100 CALIFORNIA STREET SUITE 400 SAN FRANCISCO, CA 94111
DEVELOPER CONTACT	EVAN GOOD
SYSTEM AC RATING AT POI (MW)	104.00
SYSTEM STC DC RATING (MW)	143.98
MODULE COUNT	246116
QUANTITY OF INVERTERS	27
QUANTITY OF TRANSFORMERS	27
PROJECT ZONING	TBD
OCCUPIED STRUCTURE BUFFER	250 FEET
NON-PARTICIPATING PARCEL LINE	100 FEET
PRIMARY ROADS	50 FEET
SECONDARY ROADS	25 FEET
PROJECT AREA	669 ACRES
ROAD LENGTH	38529 FEET



**2 PROJECT LOCATION MAP**  
NTS

INDEX OF DRAWINGS	
Sheet Number	Sheet Title
CV01	COVER SHEET
C100	EXISTING CONDITIONS
C101	OVERALL SITE LAYOUT
SP01 - SP09	DETAILED SITE PLAN
A100	FENCE DETAILS
A101	TRACKER DETAILS
A102	OVERALL SITE LANDSCAPE SCREENING PLAN
A103	ENHANCED SCREENING AREAS

PROJECT NAME  
**SONG SPARROW SOLAR**

SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

DRAWING ISSUE

1 08/31/2023  
KSB SUBMITTAL

REVISION ISSUE

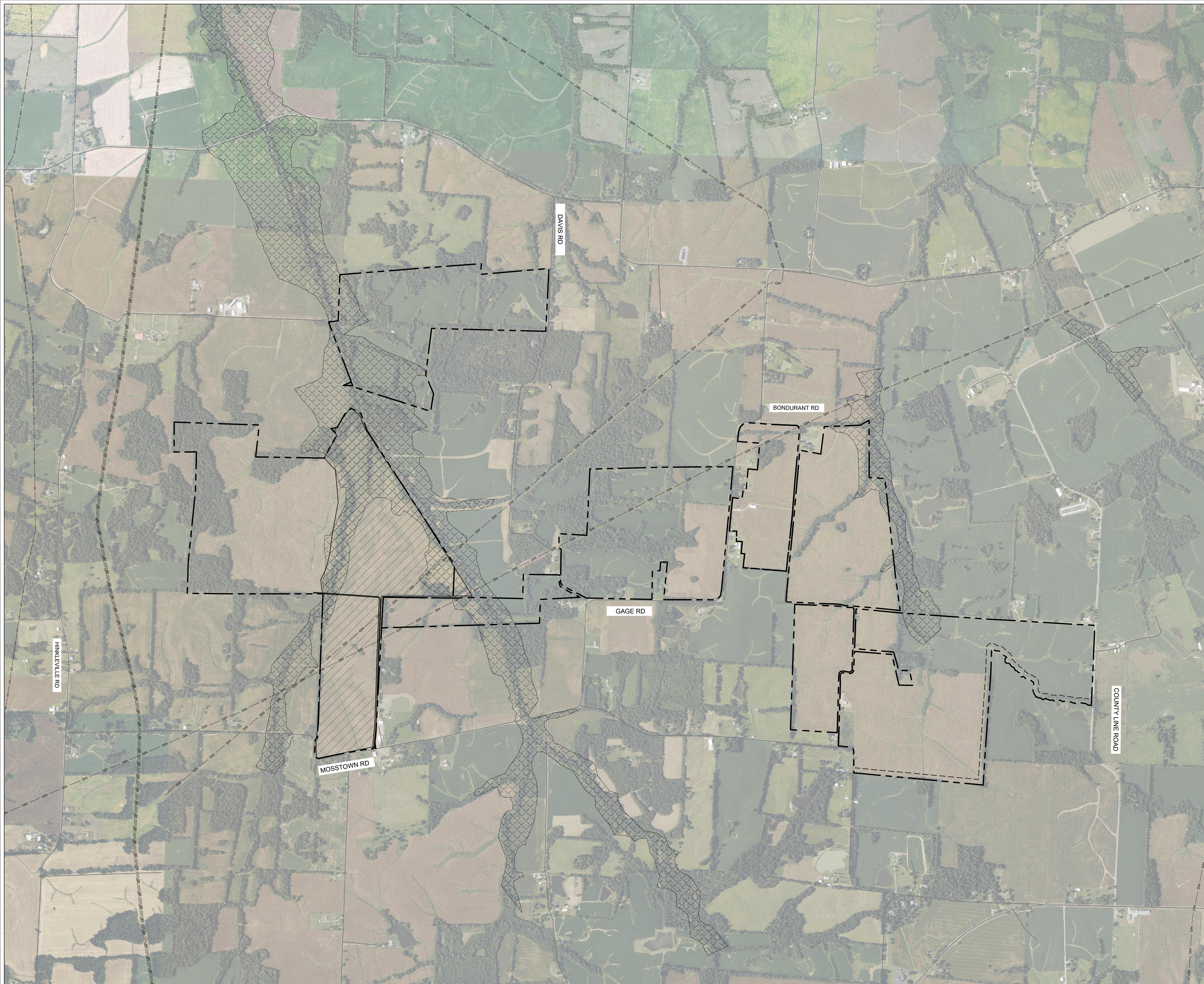
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PROJECT NO.: 21067

DRAWING TITLE  
**COVER SHEET**

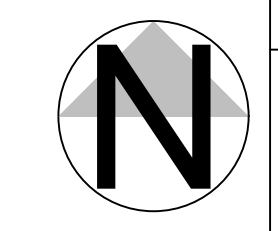
DRAWING NUMBER

**CV01**



- LEGEND**
- PROPERTY LINE
  - EXISTING ROAD
  - FEMA FLOOD ZONE A
  - EXISTING OVERHEAD ELECTRICAL
  - GAS LINE

**1** EXISTING CONDITIONS  
 1" = 90'  
 0' 450' 900' 1800'



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**SONG SPARROW SOLAR**  
 SITE LOCATION  
 BALLARD COUNTY, KY  
 37.017164°, -88.912536°

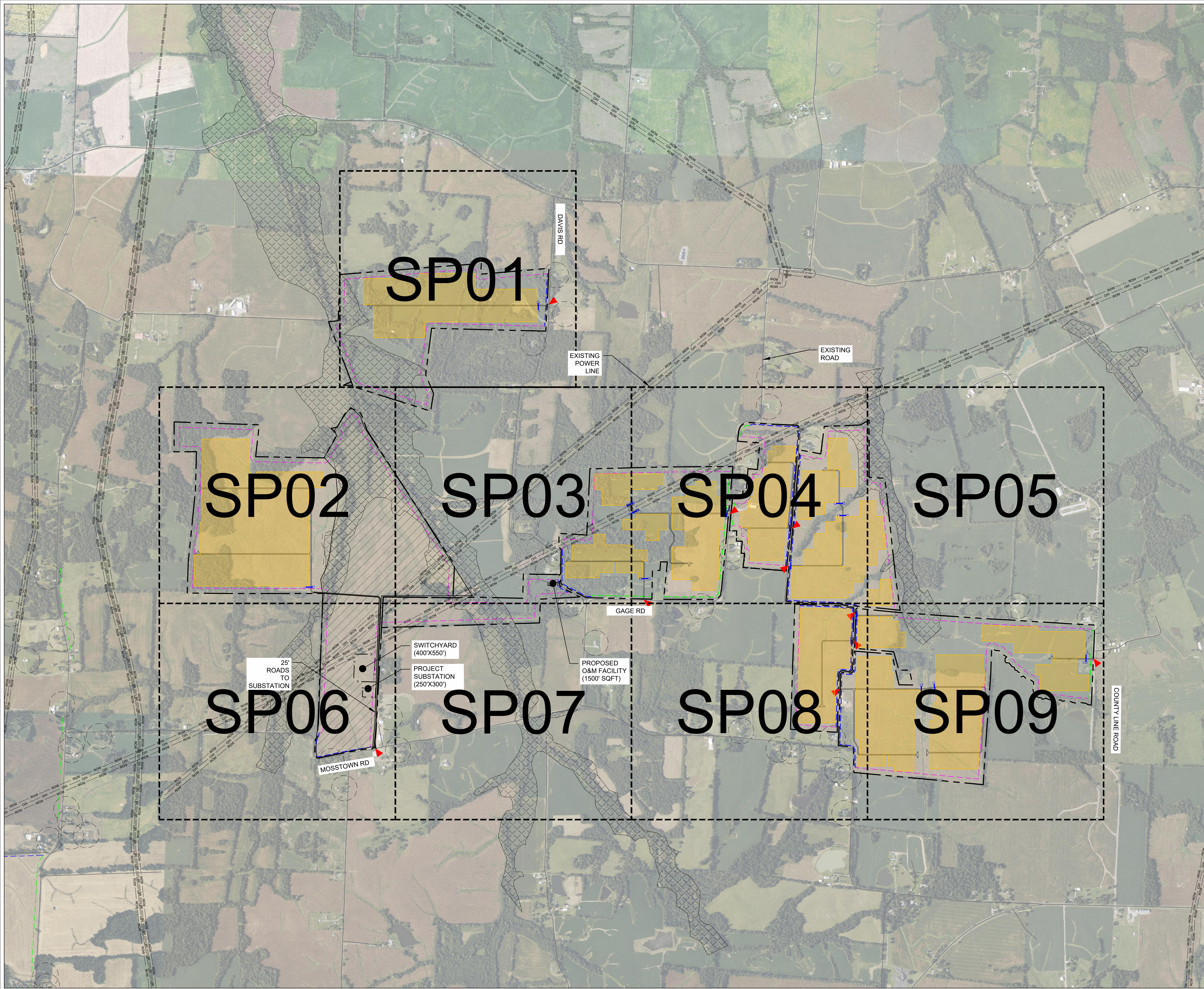
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 PROJECT NO.: 21067

DRAWING TITLE  
**EXISTING CONDITIONS**

DRAWING NUMBER  
**C100**



- SHEET NOTES:**
1. LOCATIONS SHOWN ARE FOR GENERAL GUIDANCE ONLY. SLOPES OF THE SITE ARE NOT DEPICTED AND LOCATIONS MUST BE VERIFIED ON SITE BEFORE INSTALLATION.
  2. FINAL STRING SIZING TO BE CONFIRMED BY ENGINEER-OF-RECORD.
  3. CROSSING LOCATIONS INDICATE APPROXIMATE ROAD AND DC CROSSINGS AT EXISTING FEATURES. MV COLLECTION CROSSINGS ARE TBD AFTER MV COLLECTION LAYOUT. ALL CROSSINGS TO BE FINALIZED BY ENGINEER OF RECORD.
  4. SITE IS IN FEMA FLOOD ZONE A AND X.

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PROJECT NAME  
**SONG SPARROW SOLAR**  
SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

- LEGEND**
- PROPERTY LINE
  - FENCE LINE
  - PROPOSED ROAD
  - EXISTING ROAD
  - EXISTING OVERHEAD ELECTRICAL
  - GAS LINE
  - SETBACK
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' NON-PARTICIPATING LANDOWNER PROPERTY LINE SETBACK
  - RIGHT OF WAY
  - EXCLUSION AREA
  - FEMA FLOOD ZONE A
  - GATE
  - SITE ACCESS
  - SOLAR PANEL AREAS

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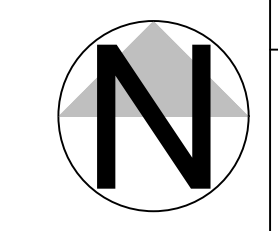
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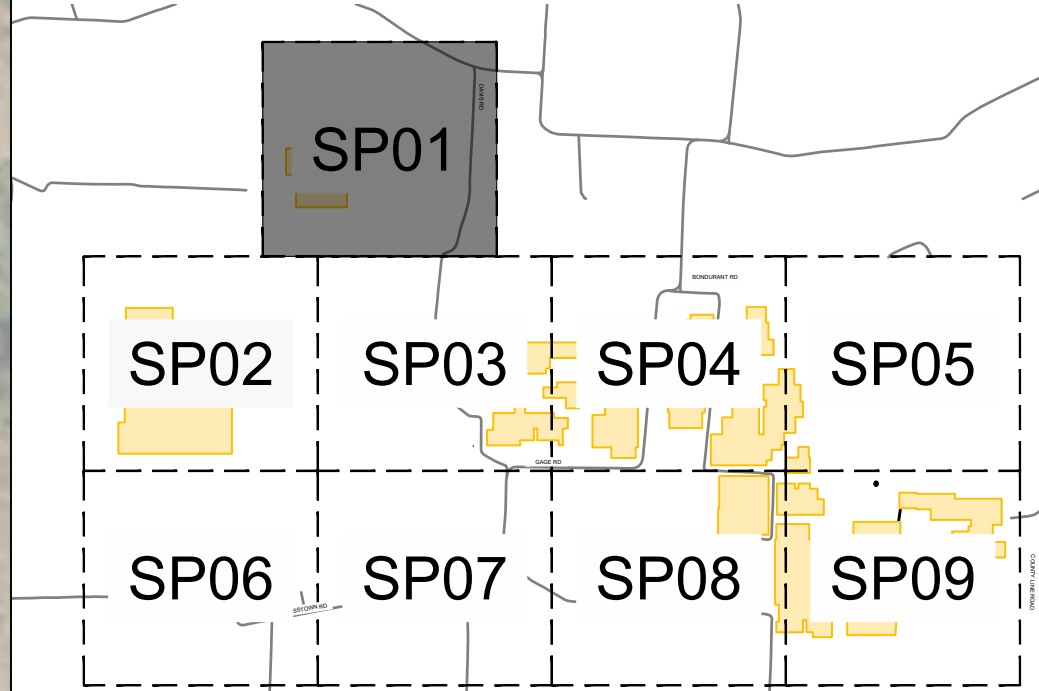
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DRAWING TITLE  
**OVERALL SITE LAYOUT**

DRAWING NUMBER  
**C101**

**1 OVERALL SITE LAYOUT**  
1" = 90'  
0' 450' 900' 1800'

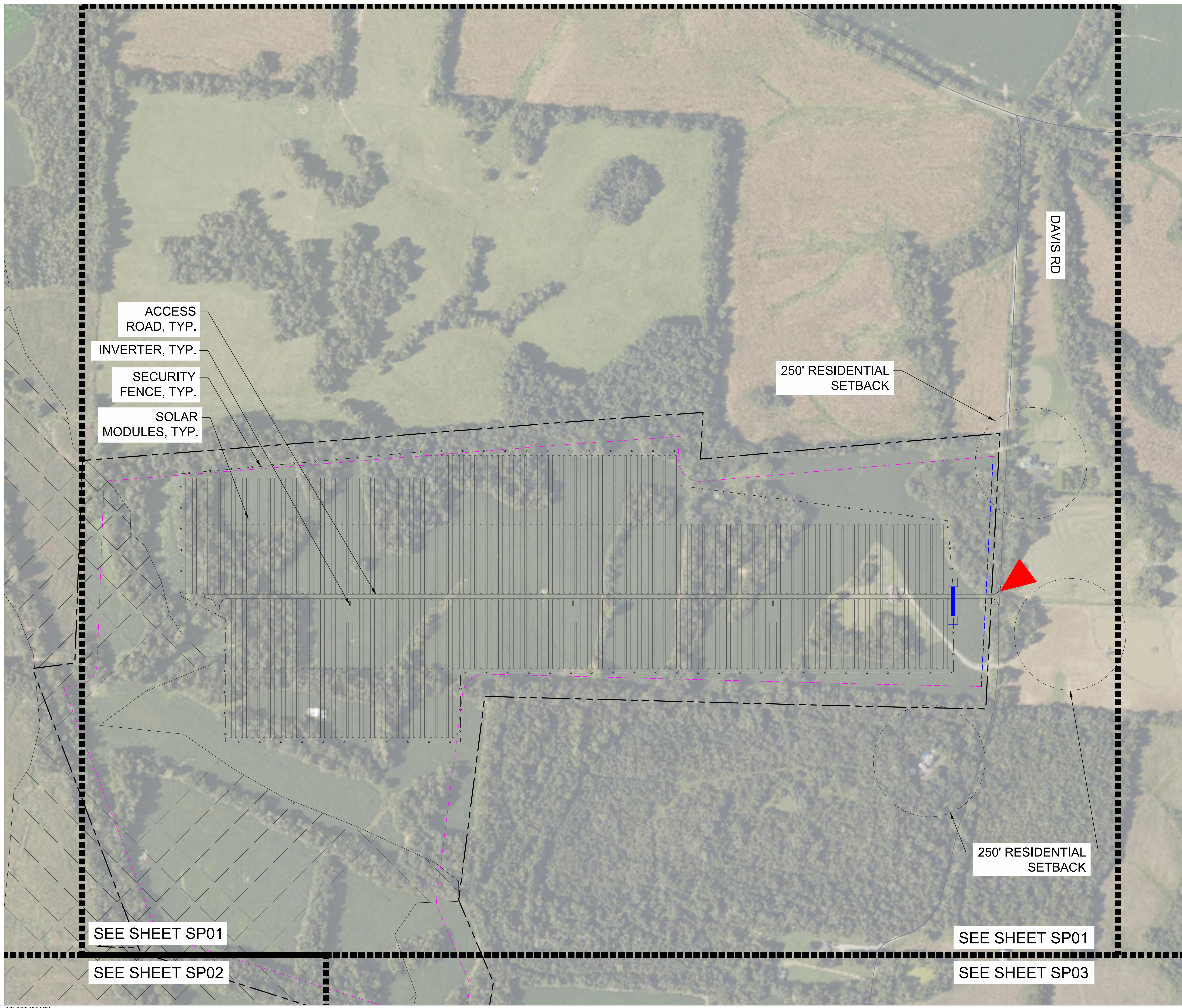
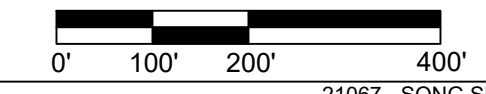
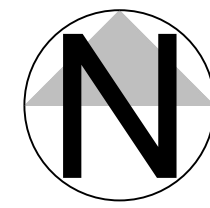




2 KEY MAP  
NTS

- LEGEND**
- PROPERTY LINE
  - x-x- FENCE LINE
  - PROPOSED ROAD
  - EXISTING ROAD
  - OH OH EXISTING OVERHEAD ELECTRICAL
  - GAS GAS GAS LINE
  - ROW ROW RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - ROW ROW RIGHT OF WAY
  - EXCLUSION AREA
  - FEMA FLOOD ZONE A
  - GATE
  - SITE ACCESS
  - 2 STRING AND 3 STRING TRACKER
  - INVERTER

1 DETAILED SITE PLAN  
1" = 200'

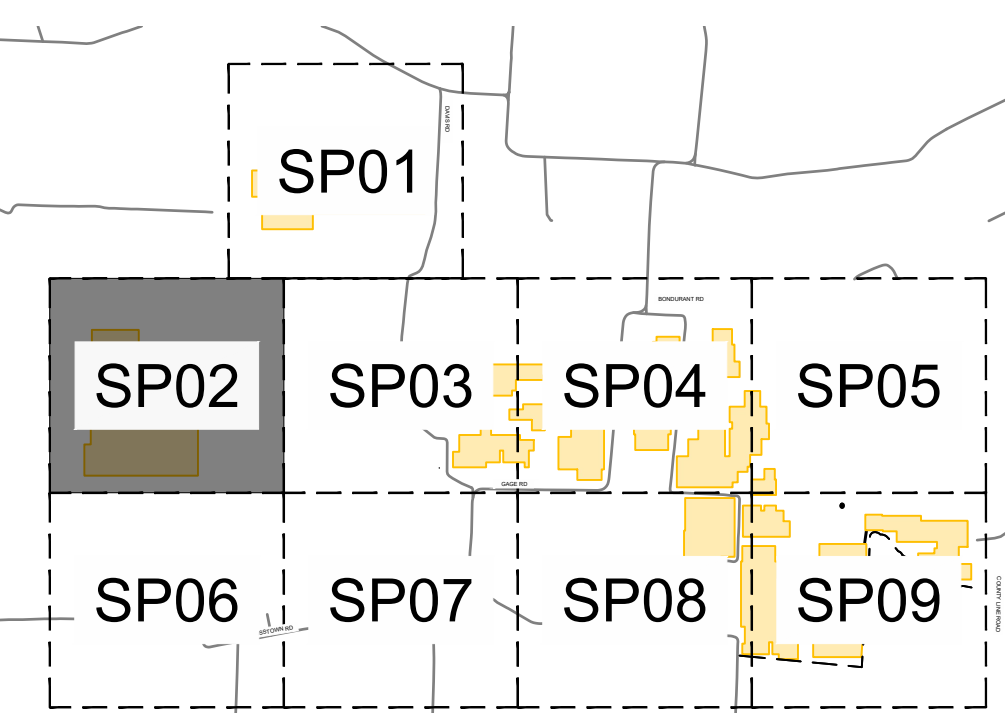
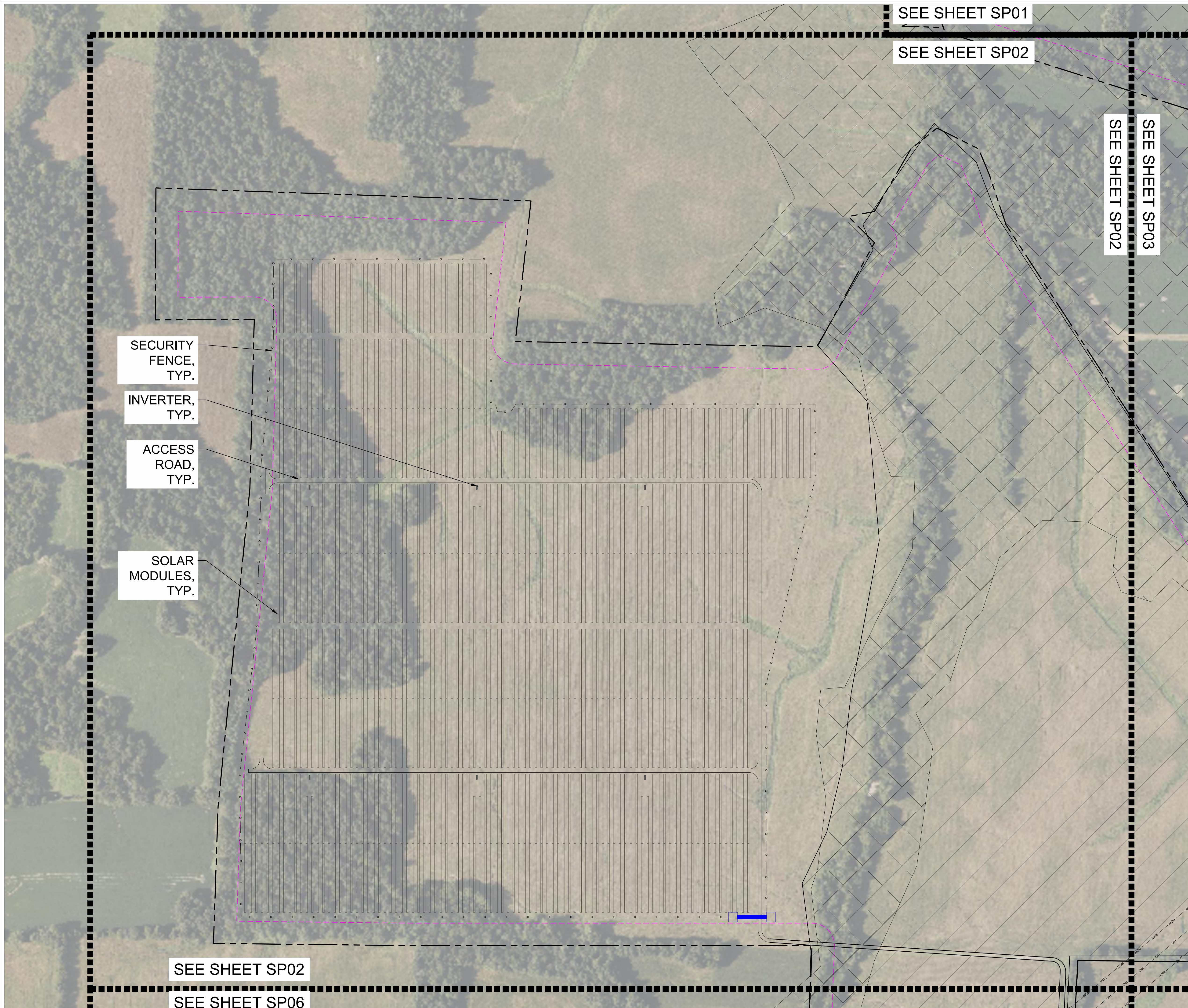


SEE SHEET SP01

SEE SHEET SP02

SEE SHEET SP01

SEE SHEET SP03



**2** KEY MAP  
- NTS

- LEGEND**
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  - PROPOSED ROAD
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  - EXISTING OVERHEAD ELECTRICAL
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**1** DETAILED SITE PLAN  
- 1" = 200'

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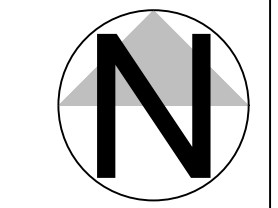
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**SONG SPARROW SOLAR**  
SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

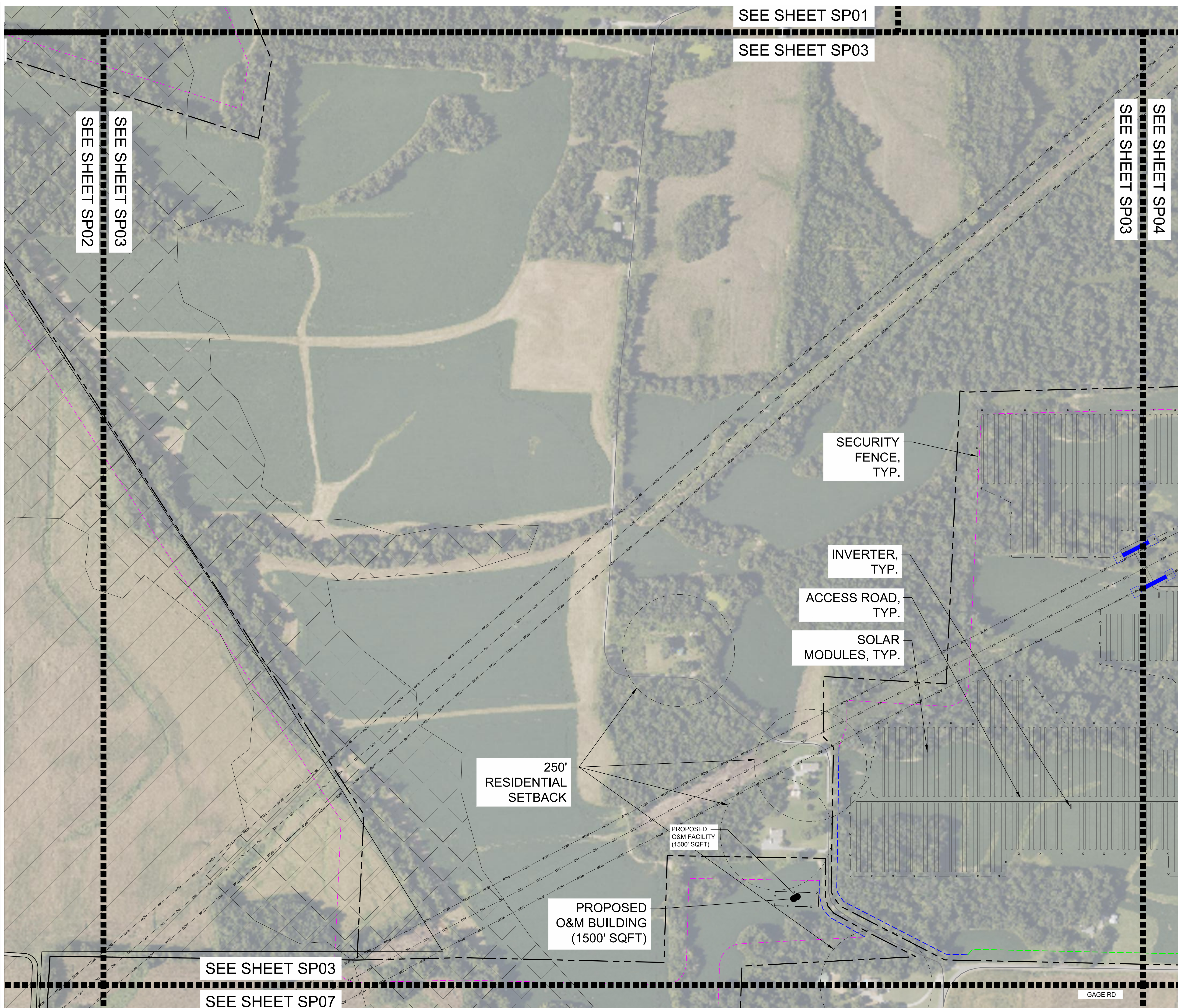
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PROJECT NO.: 21067  
DRAWING TITLE  
**DETAILED SITE PLAN**

DRAWING NUMBER  
**SP02**





SEE SHEET SP01

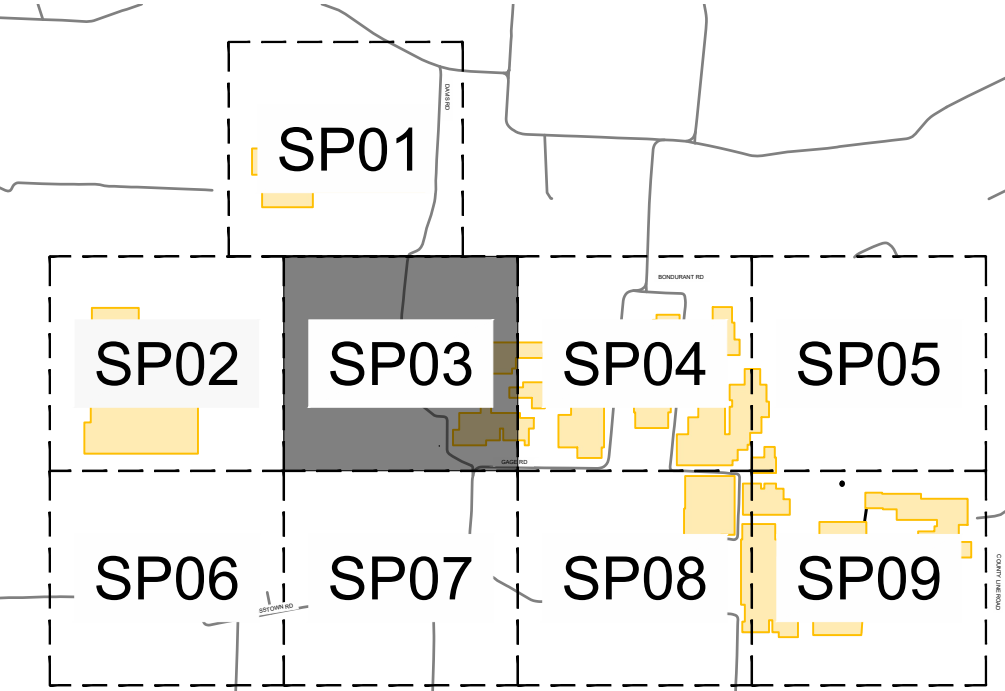
SEE SHEET SP03

SEE SHEET SP03  
SEE SHEET SP04

SEE SHEET SP02  
SEE SHEET SP03

SEE SHEET SP03

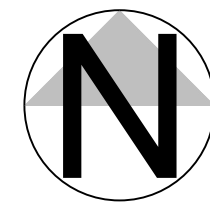
SEE SHEET SP07



2 KEY MAP  
- NTS

- LEGEND**
- PROPERTY LINE
  - x - x - FENCE LINE
  - PROPOSED ROAD
  - EXISTING ROAD
  - OH OH EXISTING OVERHEAD ELECTRICAL
  - GAS GAS GAS LINE
  - ROW ROW RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - ROW ROW RIGHT OF WAY
  - EXCLUSION AREA
  - FEMA FLOOD ZONE A
  - GATE
  - ▲ SITE ACCESS
  - 2 STRING AND 3 STRING TRACKER
  - INVERTER

1 DETAILED SITE PLAN  
1" = 200'



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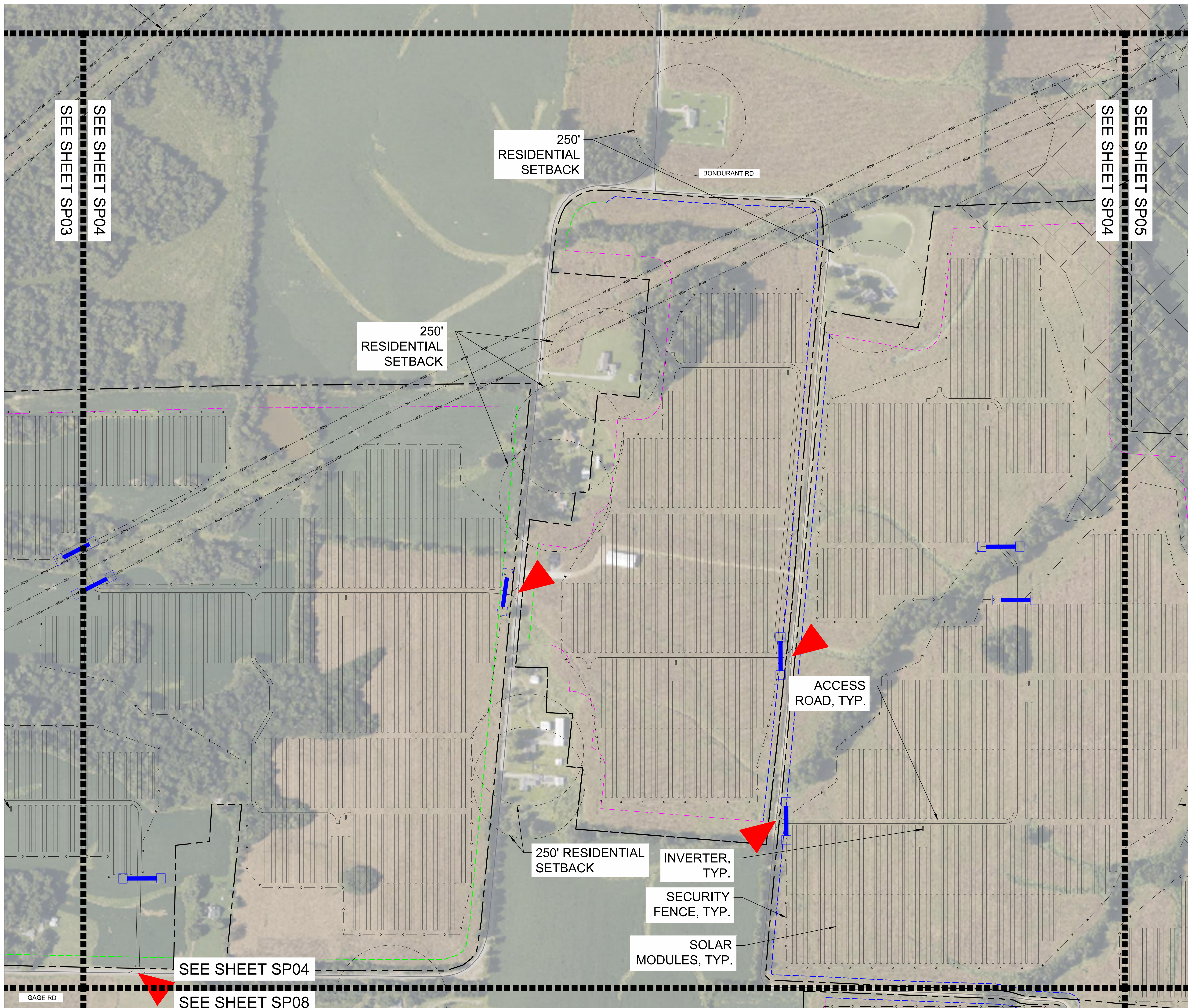
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**DETAILED SITE PLAN**

DRAWING NUMBER  
**SP03**



SEE SHEET SP03

SEE SHEET SP04

250'  
RESIDENTIAL  
SETBACK

BONDURANT RD

SEE SHEET SP04

SEE SHEET SP05

250'  
RESIDENTIAL  
SETBACK

ACCESS  
ROAD, TYP.

250' RESIDENTIAL  
SETBACK

INVERTER,  
TYP.

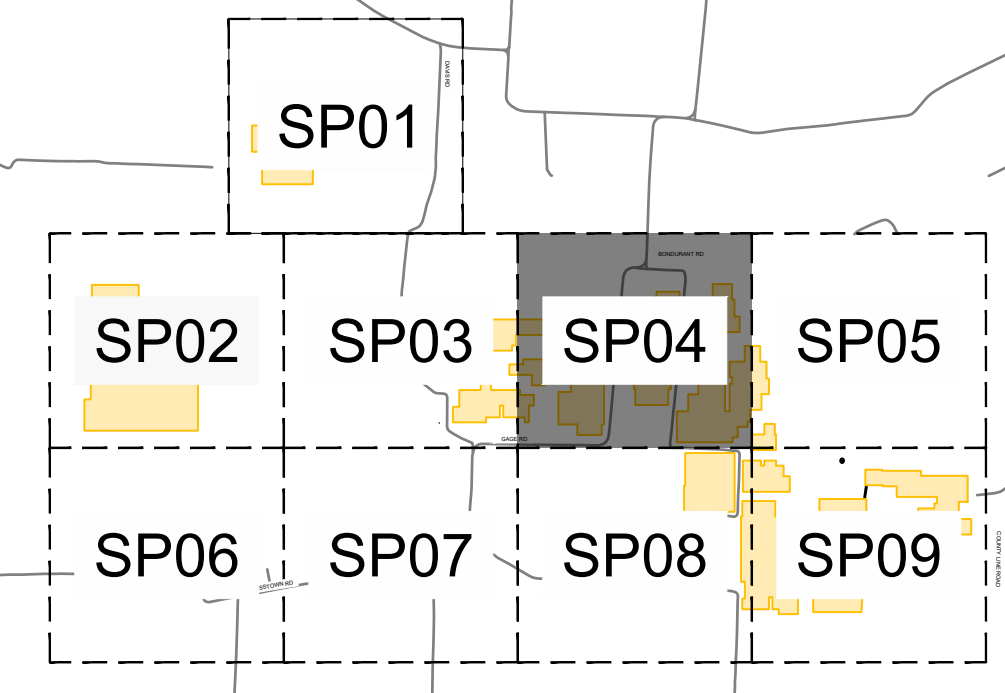
SECURITY  
FENCE, TYP.

SOLAR  
MODULES, TYP.

SEE SHEET SP04

SEE SHEET SP08

GAGE RD



2 KEY MAP  
NTS

- LEGEND**
- PROPERTY LINE
  - x-x- FENCE LINE
  - PROPOSED ROAD
  - EXISTING ROAD
  - OH OH EXISTING OVERHEAD ELECTRICAL
  - GAS --- GAS LINE
  - ROW --- RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - ROW --- RIGHT OF WAY
  - EXCLUSION AREA
  - FEMA FLOOD ZONE A
  - GATE
  - ▲ SITE ACCESS
  - 2 STRING AND 3 STRING TRACKER
  - INVERTER

1 DETAILED SITE PLAN  
1" = 200'



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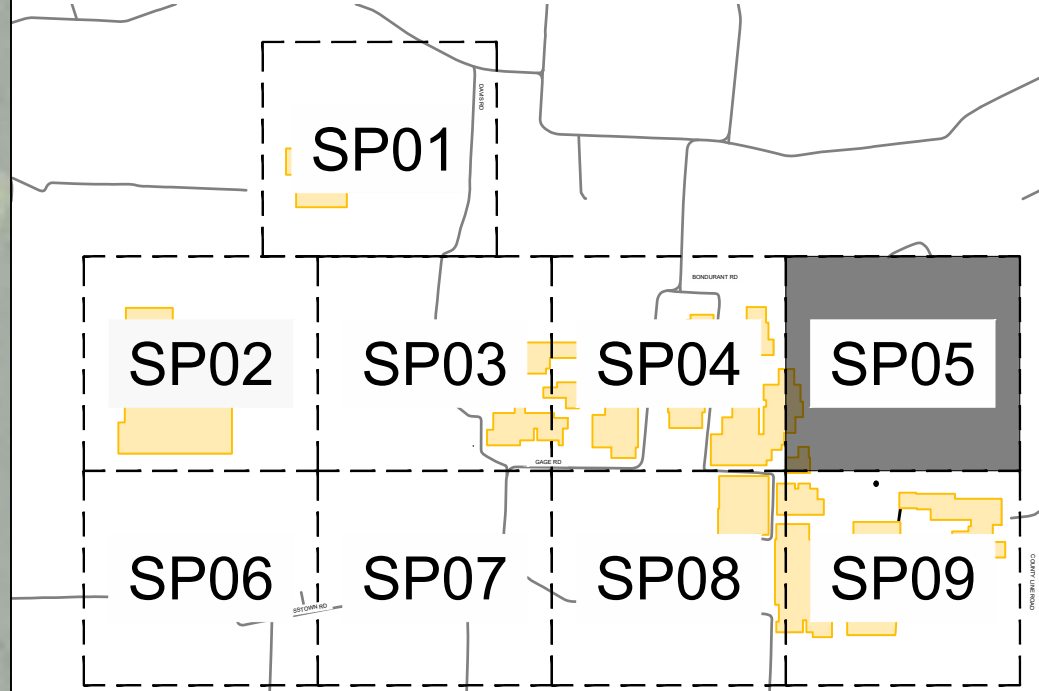
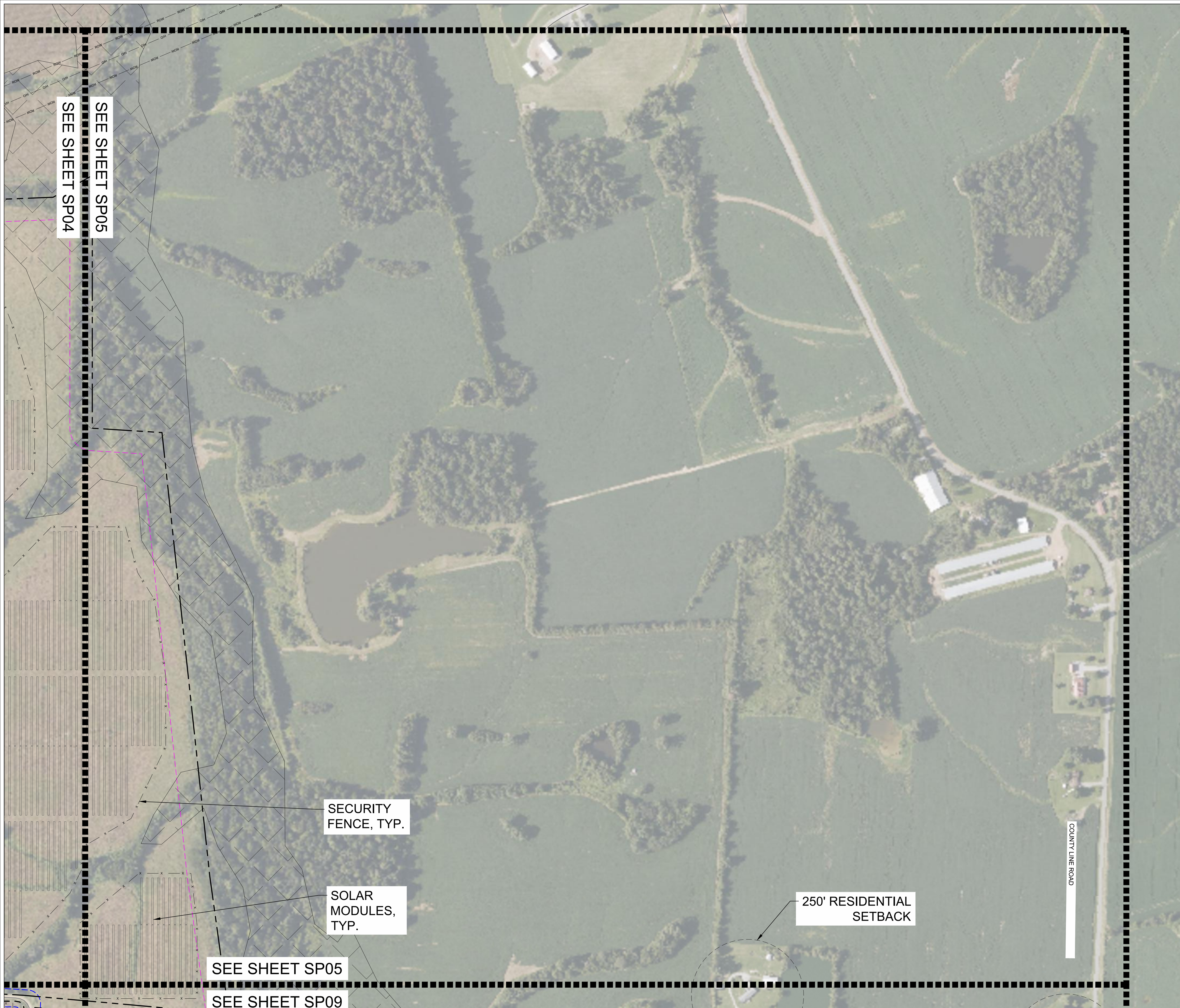
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SITE LOCATION  
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37.017164°, -88.912536°

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**DETAILED SITE PLAN**

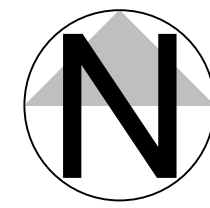
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**SP04**



**2** KEY MAP  
- NTS

- LEGEND**
- PROPERTY LINE
  - x-x- FENCE LINE
  - ▭ PROPOSED ROAD
  - ▭ EXISTING ROAD
  - OH — OH — EXISTING OVERHEAD ELECTRICAL
  - GAS — GAS — GAS LINE
  - ROW — ROW — RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - ROW --- RIGHT OF WAY
  - ▨ EXCLUSION AREA
  - ▨ FEMA FLOOD ZONE A
  - ⚡ GATE
  - ▲ SITE ACCESS
  - ▭ 2 STRING AND 3 STRING TRACKER
  - INVERTER

**1** DETAILED SITE PLAN  
1" = 200'



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DRAWING TITLE  
**DETAILED SITE PLAN**

DRAWING NUMBER  
**SP05**



SEE SHEET SP02

SEE SHEET SP06

SEE SHEET SP06

SEE SHEET SP07

SECURITY FENCE, TYP.

SWITCHYARD (400'X550')

PROJECT SUBSTATION (250'X300')

25' ROADS TO SUBSTATION

MOSSTOWN RD

250' RESIDENTIAL SETBACK

250' RESIDENTIAL SETBACK

# REVAMP

ENGINEERING, INC.

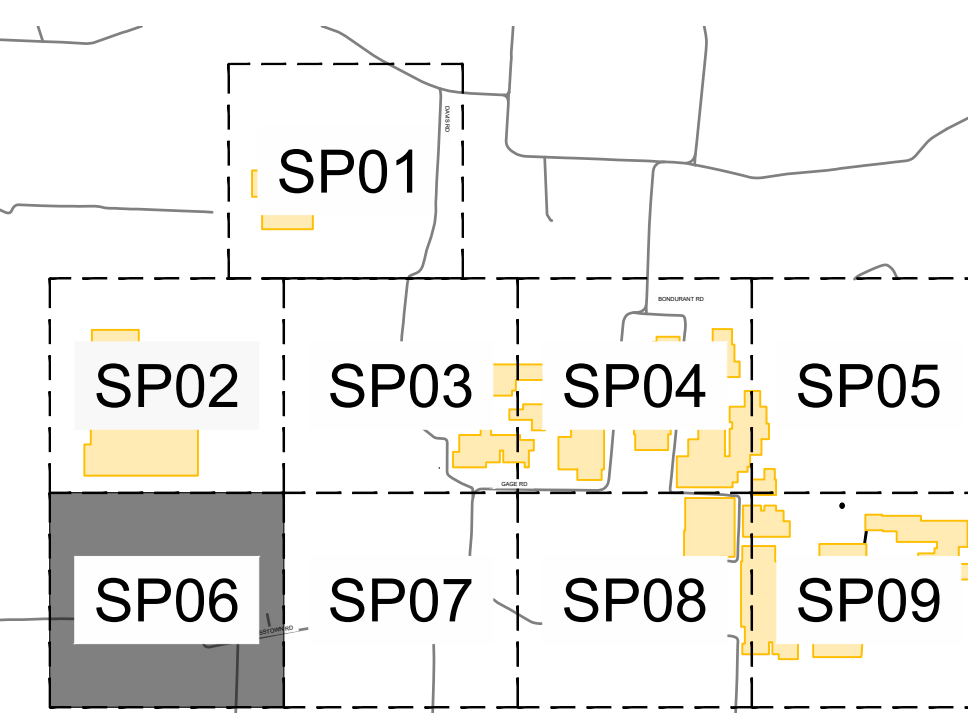
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**2 KEY MAP**  
NTS

- LEGEND**
- PROPERTY LINE
  - FENCE LINE
  - PROPOSED ROAD
  - EXISTING ROAD
  - EXISTING OVERHEAD ELECTRICAL
  - GAS LINE
  - RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - RIGHT OF WAY
  - EXCLUSION AREA
  - FEMA FLOOD ZONE A
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  - SITE ACCESS
  - 2 STRING AND 3 STRING TRACKER
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## SONG SPARROW SOLAR

PROJECT NAME

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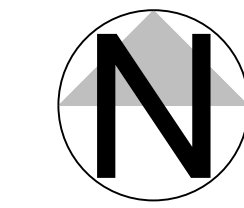
PROJECT NO.: 21067

DRAWING TITLE  
**DETAILED SITE PLAN**

DRAWING NUMBER

**SP06**

**1 DETAILED SITE PLAN**  
1" = 200'





SEE SHEET SP03

SEE SHEET SP07

SEE SHEET SP06

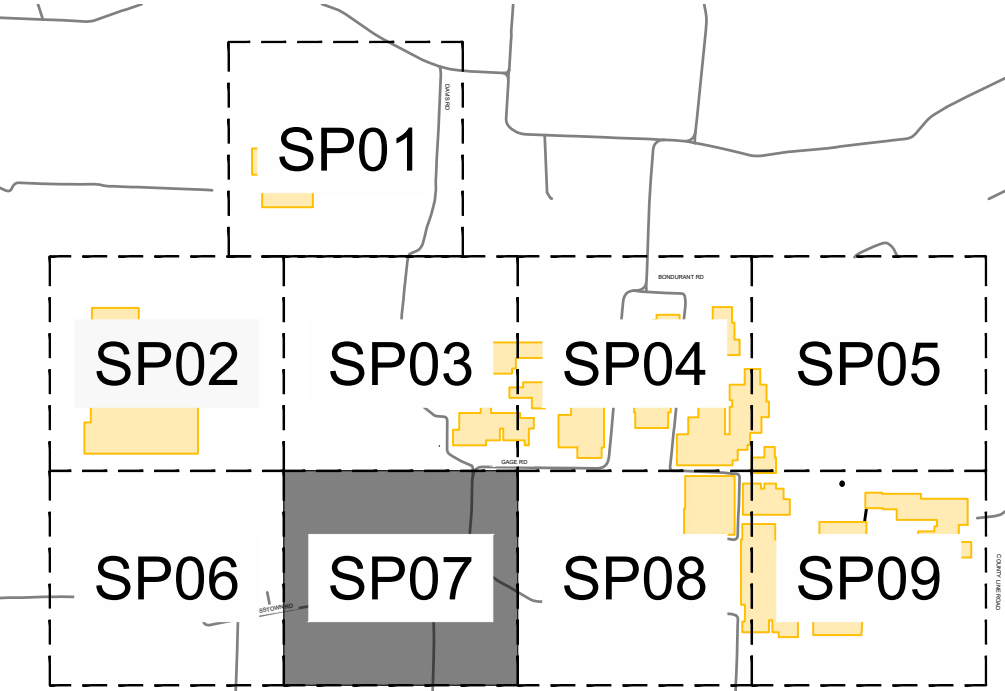
SEE SHEET SP07

250'  
RESIDENTIAL  
SETBACK

SEE SHEET SP07

SEE SHEET SP08

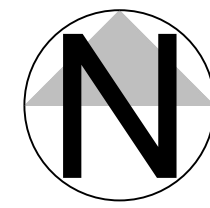
GAGE RD



2 KEY MAP  
- NTS

- LEGEND**
- PROPERTY LINE
  - x-x- FENCE LINE
  - ▭ PROPOSED ROAD
  - ▭ EXISTING ROAD
  - OH — OH — EXISTING OVERHEAD ELECTRICAL
  - GAS — GAS — GAS LINE
  - ROW — ROW — RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - ROW --- RIGHT OF WAY
  - ▨ EXCLUSION AREA
  - ▨ FEMA FLOOD ZONE A
  - ⚡ GATE
  - ▲ SITE ACCESS
  - ▭ 2 STRING AND 3 STRING TRACKER
  - INVERTER

1 DETAILED SITE PLAN  
1" = 200'



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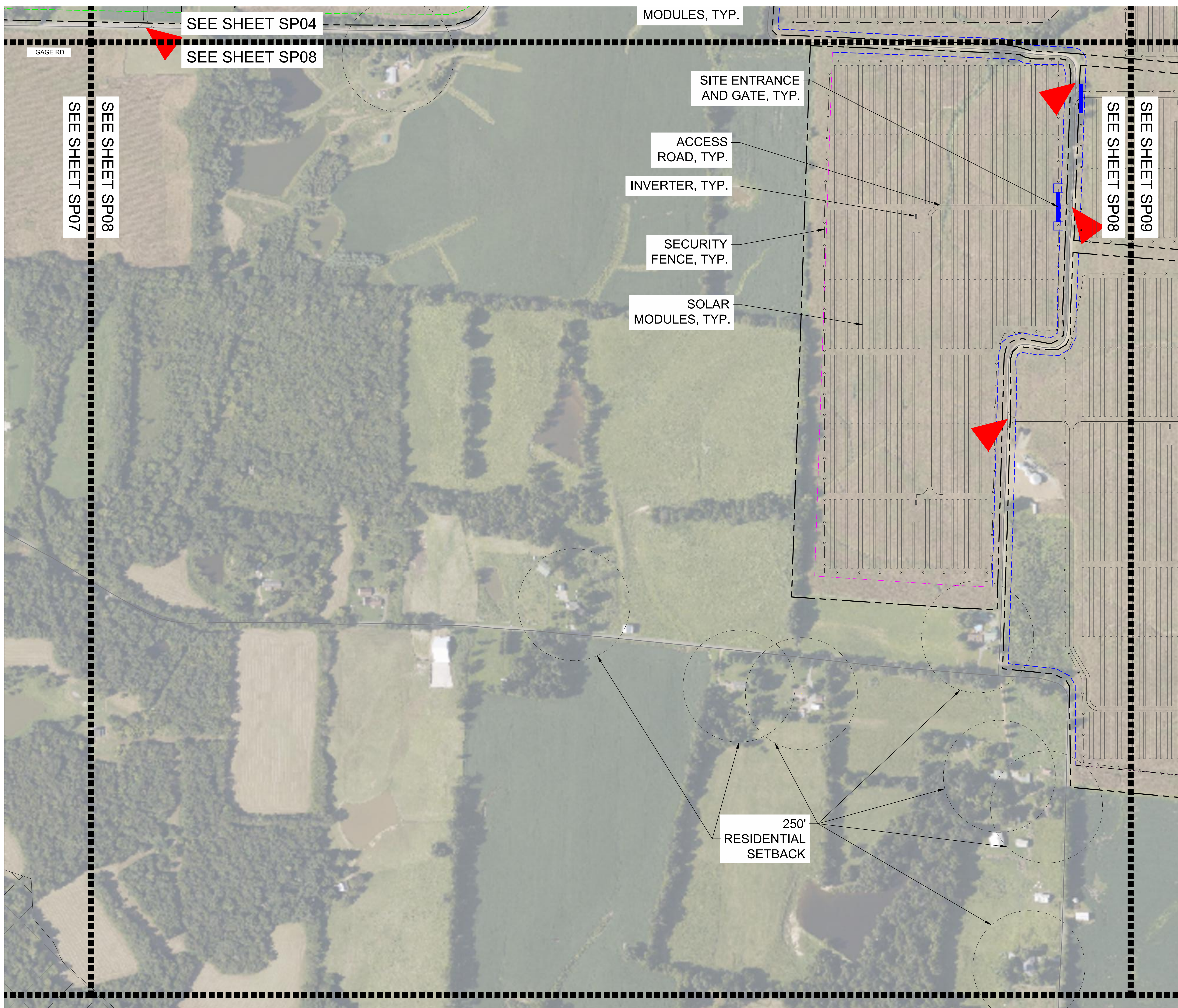
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DRAWING TITLE  
**DETAILED SITE PLAN**

DRAWING NUMBER  
**SP07**



SEE SHEET SP04  
SEE SHEET SP08

SEE SHEET SP07  
SEE SHEET SP08

SEE SHEET SP08  
SEE SHEET SP09

- MODULES, TYP.
- SITE ENTRANCE AND GATE, TYP.
- ACCESS ROAD, TYP.
- INVERTER, TYP.
- SECURITY FENCE, TYP.
- SOLAR MODULES, TYP.

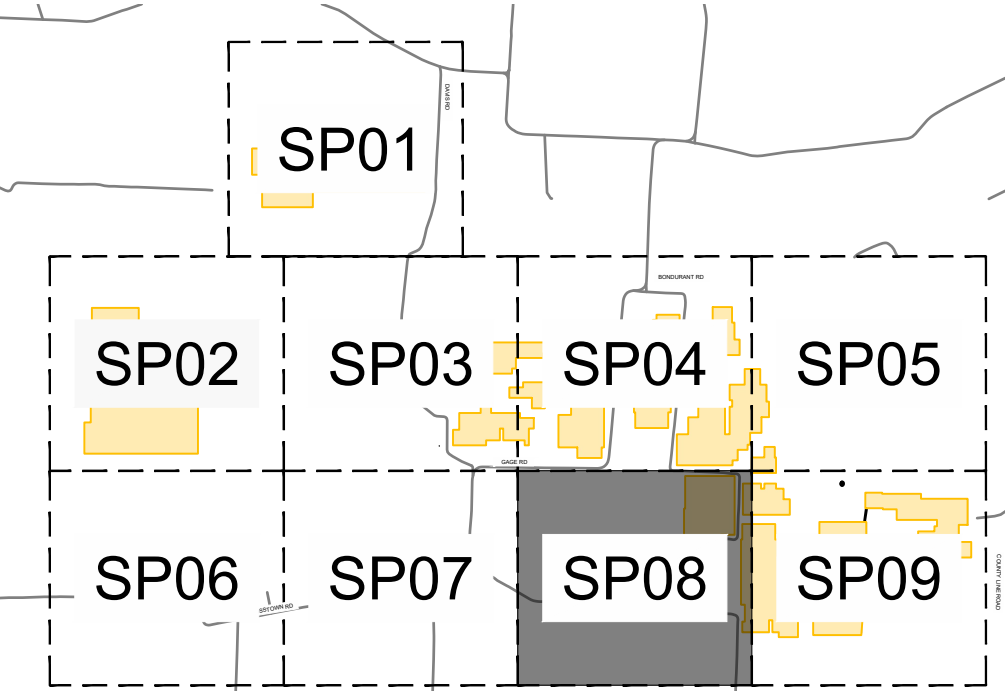
250'  
RESIDENTIAL  
SETBACK

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**2** KEY MAP  
NTS

- LEGEND**
- PROPERTY LINE
  - FENCE LINE
  - PROPOSED ROAD
  - EXISTING ROAD
  - EXISTING OVERHEAD ELECTRICAL
  - GAS LINE
  - RIGHT OF WAY (ROW)
  - 25' SECONDARY ROAD SETBACK
  - 50' PRIMARY ROAD SETBACK
  - 100' PROPERTY SETBACK
  - RIGHT OF WAY
  - EXCLUSION AREA
  - FEMA FLOOD ZONE A
  - GATE
  - SITE ACCESS
  - 2 STRING AND 3 STRING TRACKER
  - INVERTER

PROJECT NAME  
**SONG SPARROW SOLAR**

SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

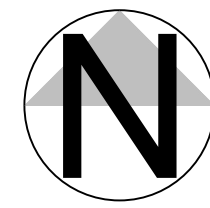
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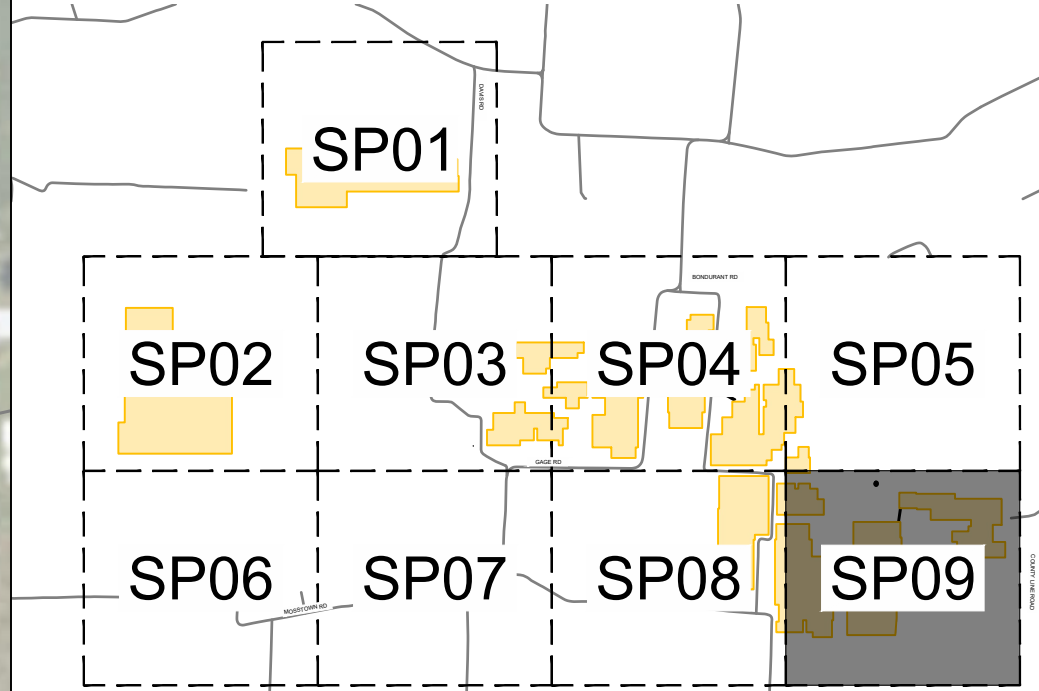
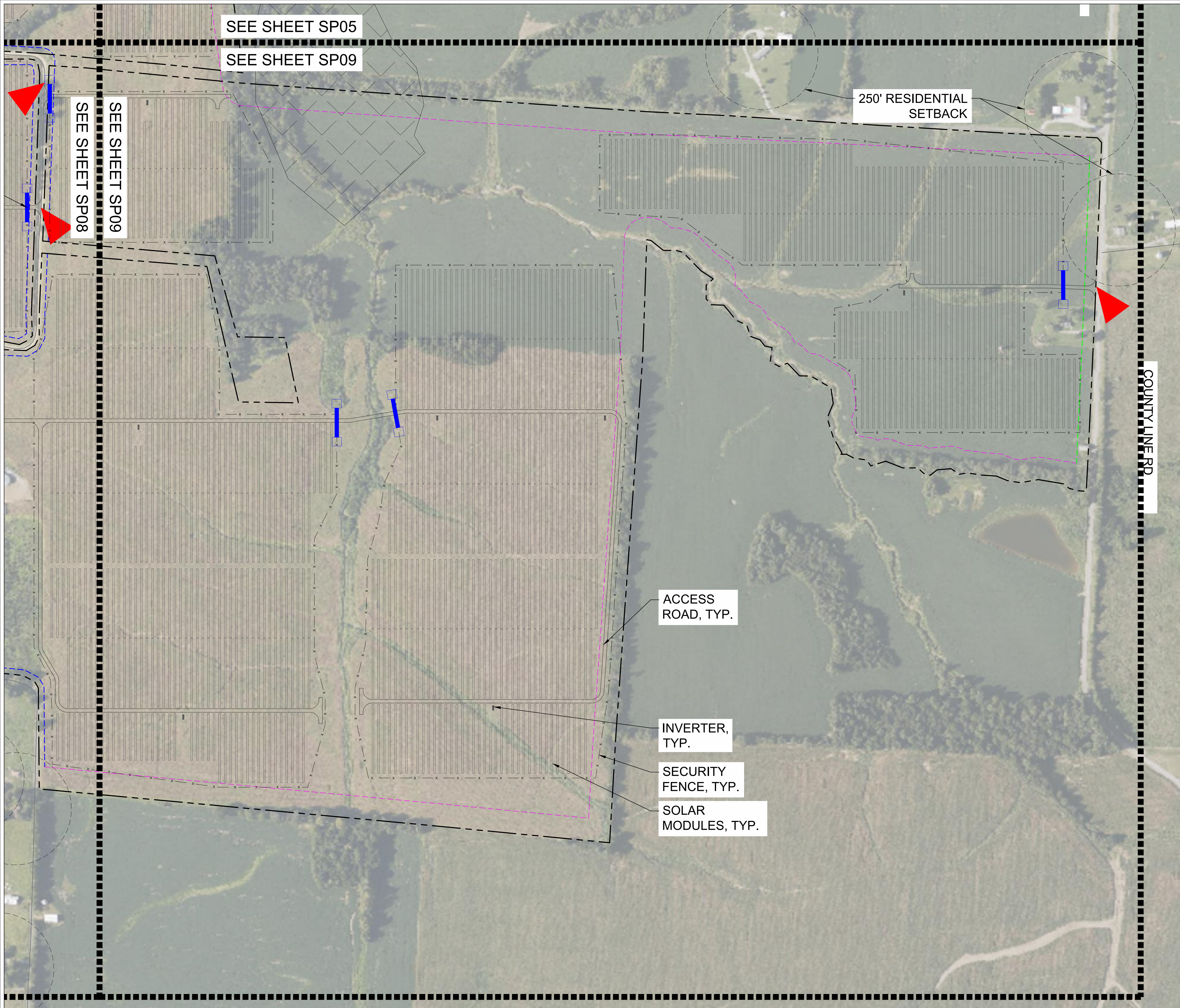
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DRAWN BY: RS CHECKED BY: ET  
PROJECT NO.: 21067  
DRAWING TITLE  
**DETAILED SITE PLAN**

DRAWING NUMBER  
**SP08**

**1** DETAILED SITE PLAN  
1" = 200'



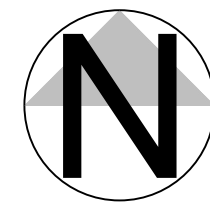


**2** KEY MAP  
NTS

**LEGEND**

	PROPERTY LINE
	FENCE LINE
	PROPOSED ROAD
	EXISTING ROAD
	EXISTING OVERHEAD ELECTRICAL
	GAS LINE
	RIGHT OF WAY (ROW)
	25' SECONDARY ROAD SETBACK
	50' PRIMARY ROAD SETBACK
	100' PROPERTY SETBACK
	RIGHT OF WAY
	EXCLUSION AREA
	FEMA FLOOD ZONE A
	GATE
	SITE ACCESS
	2 STRING AND 3 STRING TRACKER
	INVERTER

**1** DETAILED SITE PLAN  
1" = 200'



**REVAMP**  
ENGINEERING, INC.  
428 13th St.  
3rd Floor  
Oakland, CA 94612  
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PROJECT NAME  
**SONG SPARROW SOLAR**  
SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

DRAWING ISSUE  
1 08/31/2023  
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PROJECT NO.: 21067

DRAWING TITLE  
**DETAILED SITE PLAN**

DRAWING NUMBER  
**SP09**

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PROJECT NAME  
**SONG SPARROW SOLAR**

SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

DRAWING ISSUE

1 08/31/2023  
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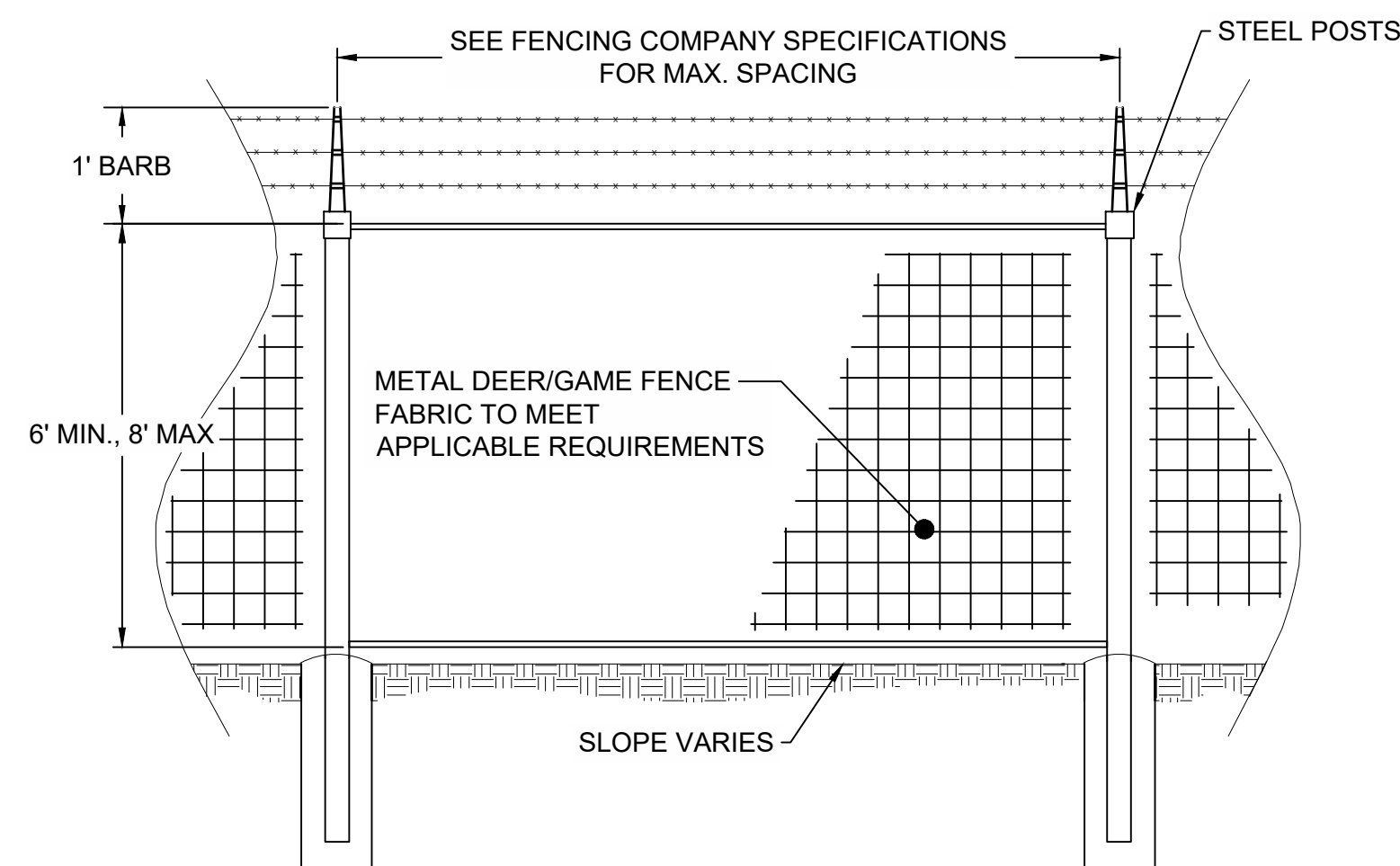
PROJECT NO.: 21067

DRAWING TITLE

**FENCE DETAILS**

DRAWING NUMBER

**A100**



NOTES:

1. FENCE SHALL BE GROUNDED IN ACCORDANCE WITH APPLICABLE CODES.
2. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALLIGNMENT. FENCE FABRIC SHALL BE ON THE OPPOSITE SIDE OF THE SECURE SIDE.
3. THIS DETAIL SHOWS GENERAL FENCE CRITERIA. THE DETAILED DESIGN AND STRUCTURAL ANALYSIS SHALL BE A DELEGATED DESIGN TO MEET THE REQUIRED DESIGN LIFE, CORROSION, WIND, GROUNDING, ETC. SIGNED AND SEALED CALCULATIONS AND SHOP DRAWING SUBMITTALS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CIVIL AND STRUCTURAL ENGINEERS AND PROJECTS OWNER REPRESENTATIVE.

**1** SECURITY FENCE DETAIL (DEER/GAME FENCE)  
SCALE : N.T.S

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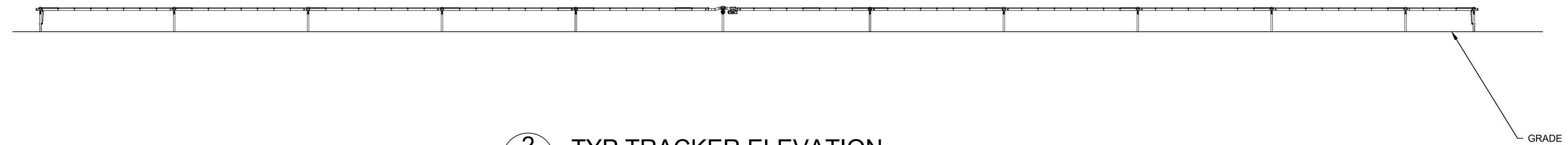


PROJECT NAME  
**SONG SPARROW SOLAR**

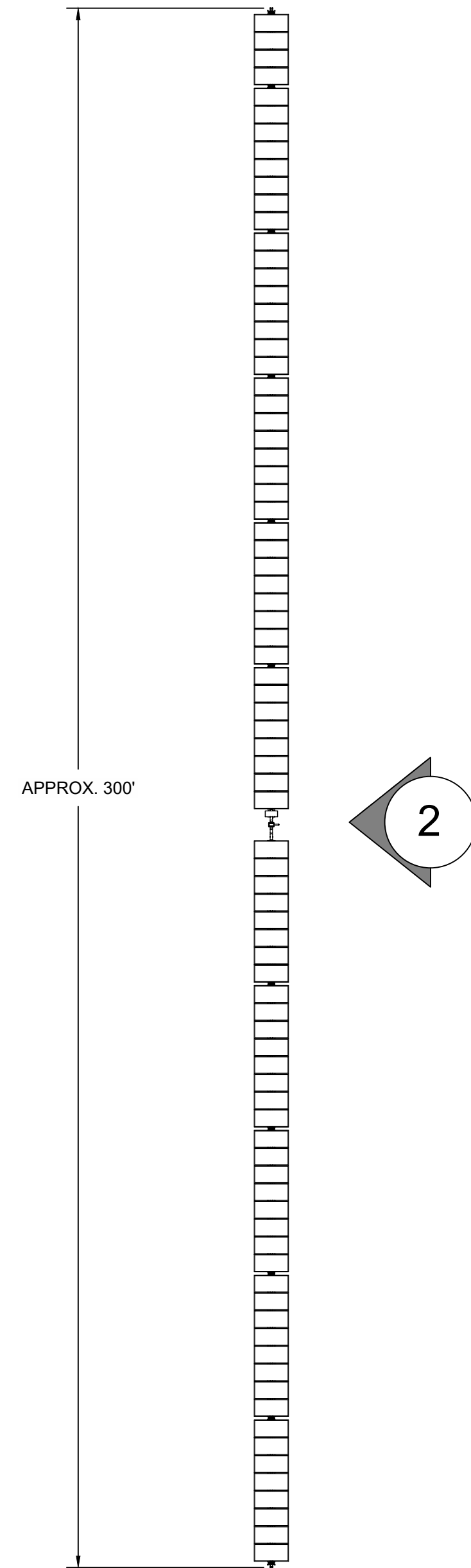
SITE LOCATION  
BALLARD COUNTY, KY  
37.017164°, -88.912536°

1 08/31/2023  
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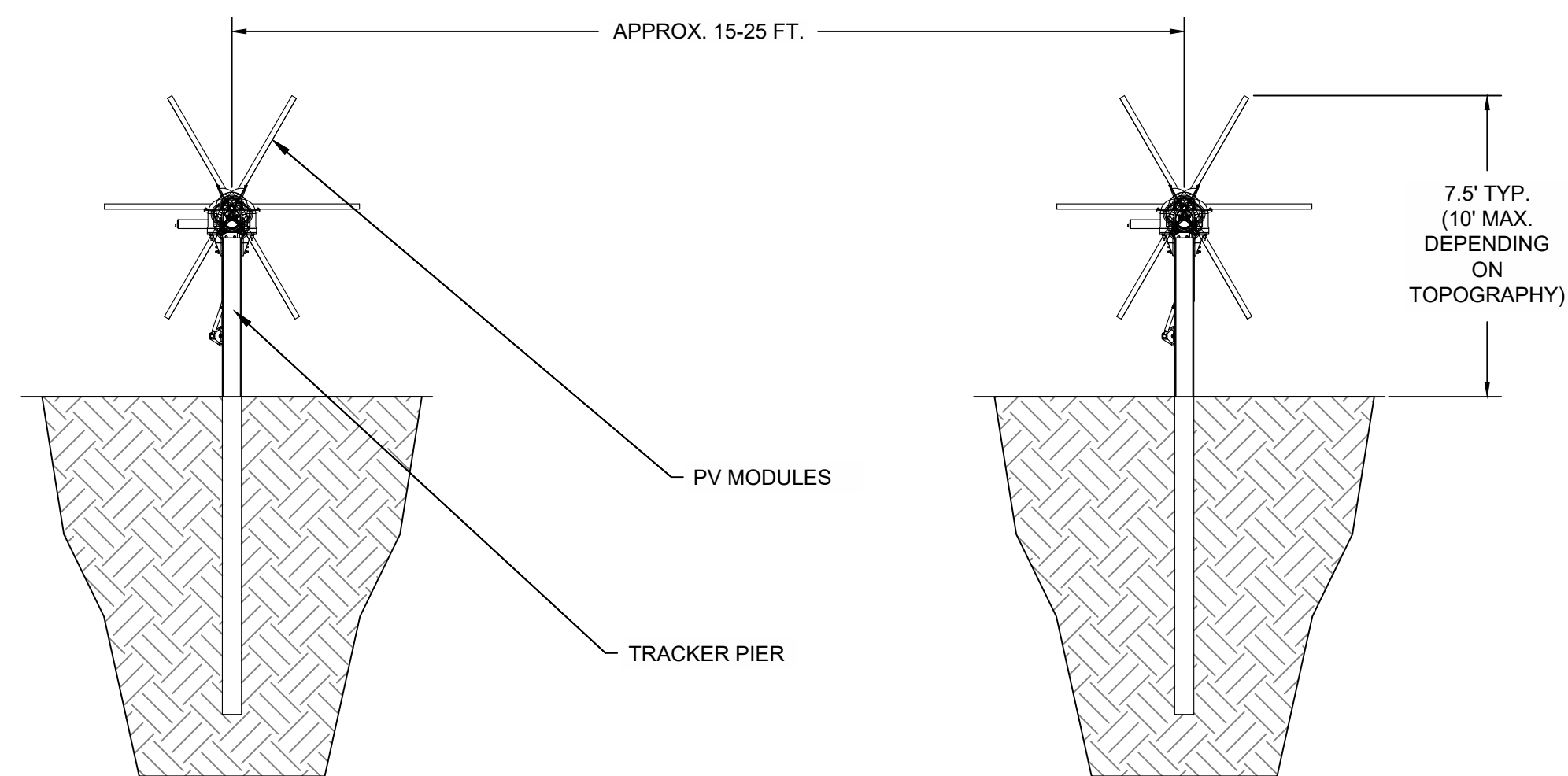
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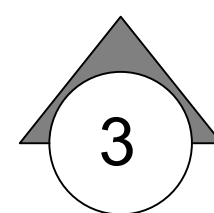
**2**  
TYP TRACKER ELEVATION  
SCALE: N.T.S



**1**  
TYP TRACKER PLAN VIEW  
SCALE: N.T.S

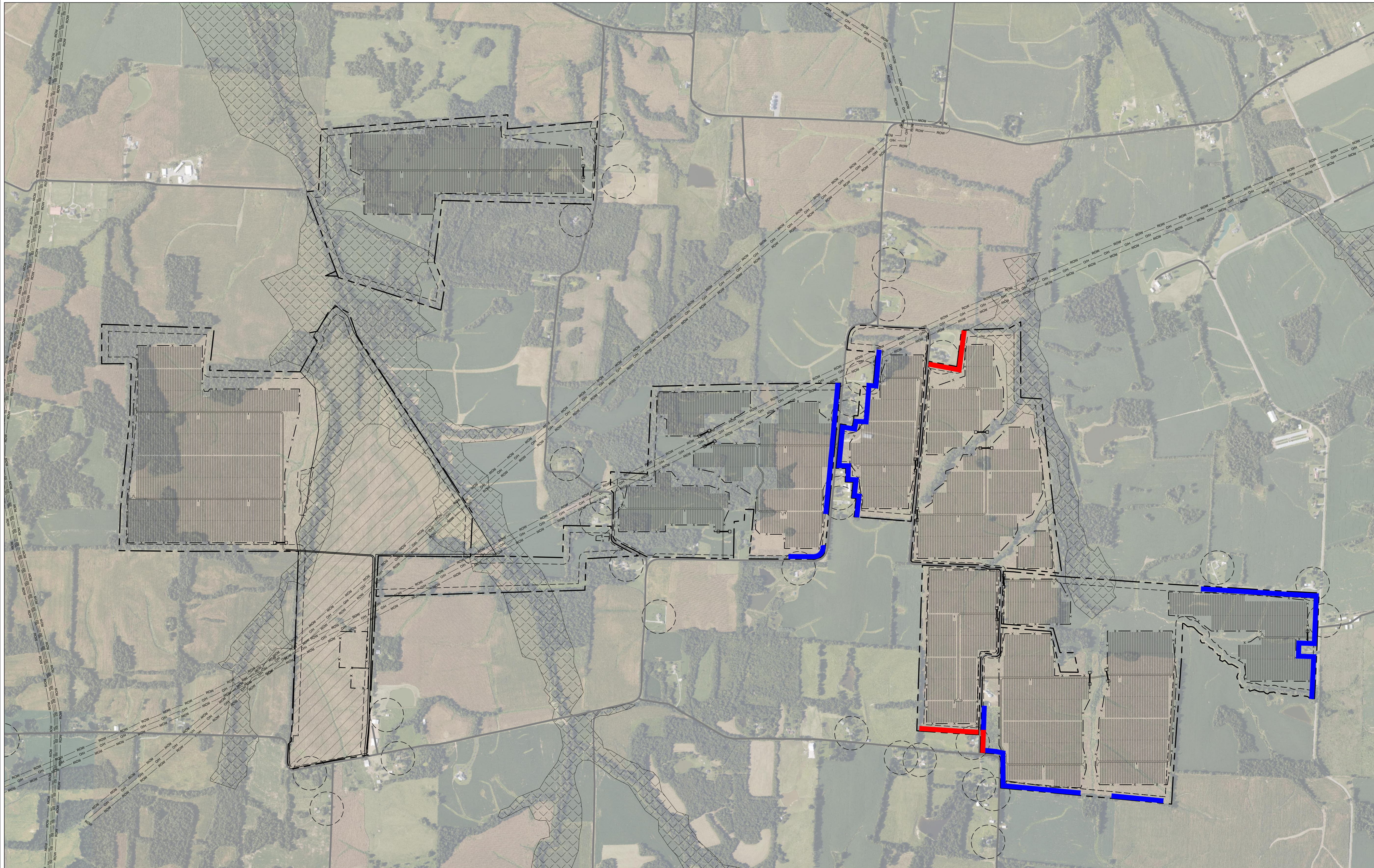


**3**  
TYP TRACKER ELEVATION DETAIL  
SCALE: N.T.S



**LANDSCAPE SCREEN LEGEND**

- BUFFER SCREEN TYPE 'A'
- BUFFER SCREEN TYPE 'B'



**1 OVERALL SITE LAYOUT**  
 1" = 700'  
 0' 350' 700' 1400'

**REVAMP**

ENGINEERING, INC.  
 428 13th St.  
 3rd Floor  
 Oakland, CA 94612  
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**PROJECT NAME**  
**SONG SPARROW SOLAR**

**SITE LOCATION**  
 BALLARD COUNTY, KY  
 37.017164°, -88.912536°

**DRAWING ISSUE**  
 1 08/31/2023  
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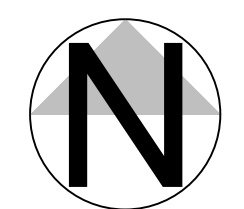
**REVISION ISSUE**

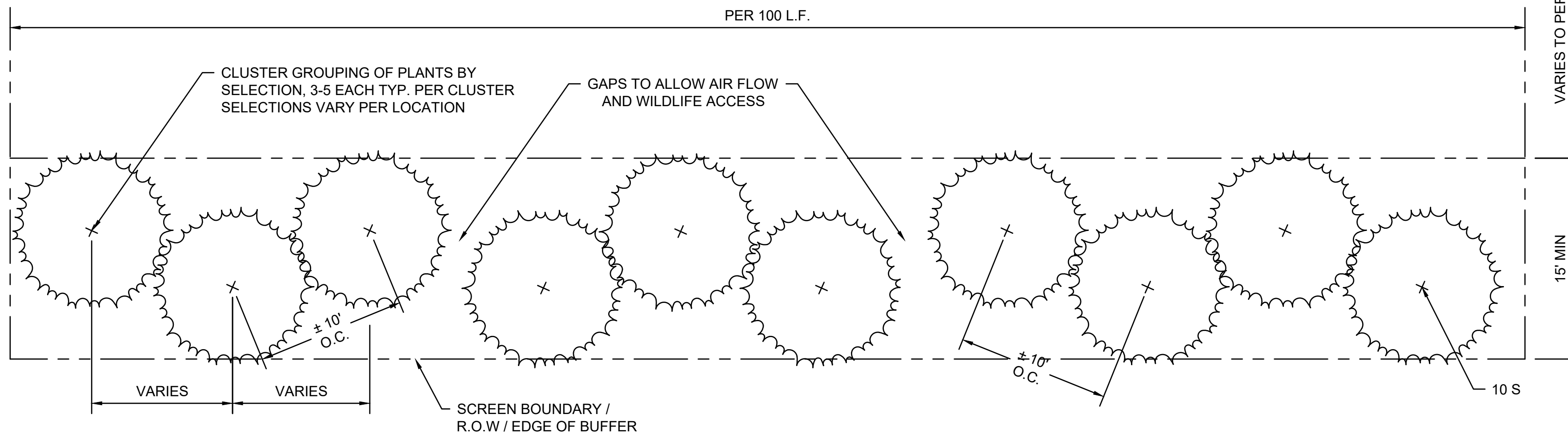
**DRAWN BY:**RS **CHECKED BY:**ET

**PROJECT NO.:** 21067

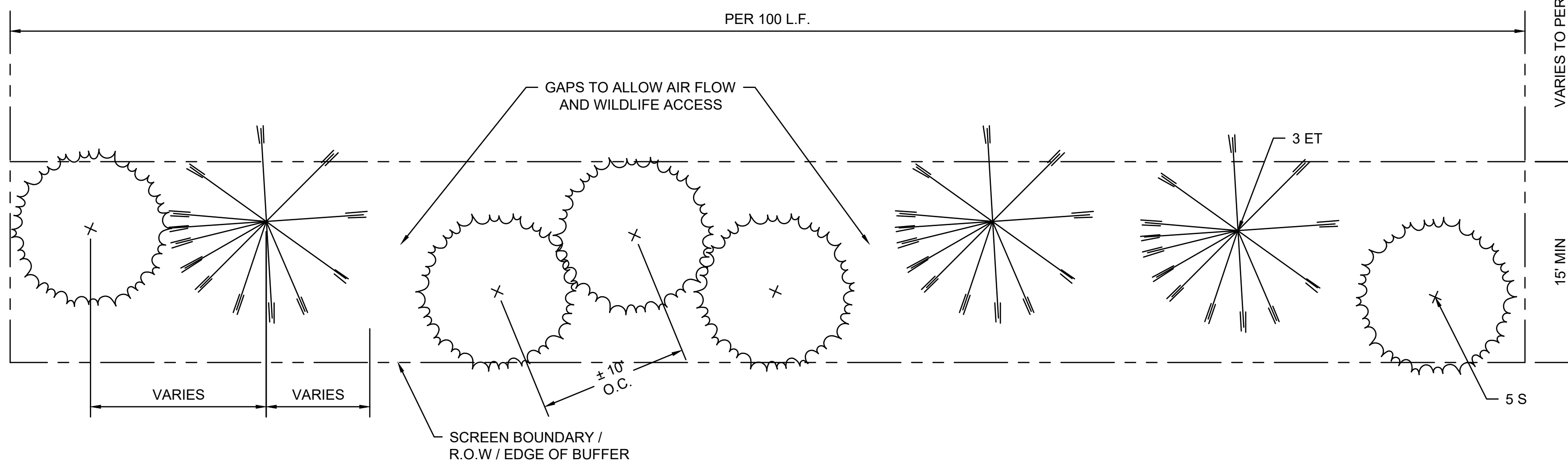
**DRAWING TITLE**  
**OVERALL SITE LANDSCAPE SCREENING PLAN**

**DRAWING NUMBER**  
**A102**





**BUFFER TYPE 'A'**  
N.T.S.



**BUFFER TYPE 'B'**  
N.T.S.

Plant Materials Schedule - Song Sparrow Buffer Type "A"

Key	Qty	Botanical Name	Common Name	Height	Spread	Mature Height / Spread	
S	10	<b>Shrubs- Combinations of the following Species</b>					
		<i>Alnus serrulata</i>	Smooth Alder	30-36"	18"	10-15' / 10-15'	
		<i>Amorpha fruticosa</i>	Indigo Bush	30-36"	18"	4-15' / 6-15'	
		<i>Aronia arbutifolia</i>	Red Chokeberry	30-36"	18"	6-12' / 3-6'	
		<i>Cornus racemosa</i>	Gray Dogwood	30-36"	18"	10-27' / 10-15'	
		<i>Ilex decidua</i>	Deciduous Holly	30-36"	18"	6-10' / 6-10'	
		<i>Lindera benzoni</i>	Spicebush	30-36"	18"	8-15' / 6-15'	
		<i>Physocarpus opulifolius</i>	Common Ninebark	30-36"	18"	5-8' / 6-10'	
		<i>Rhus copallinum</i>	Winged Sumac	30-36"	18"	7-15' / 10-20'	
		<i>Rhus glabra</i>	Smooth Sumac	30-36"	18"	9-15' / 9-15'	
		<i>Rhus typhina</i>	Staghorn Sumac	30-36"	18"	8-25' / 8-25'	
		<i>Salix discolor</i>	Pussy Willow	30-36"	18"	10-20' / 8-12'	
		<i>Viburnum dentatum</i>	Southern Arrowwood	30-36"	18"	5-12' / 6-10'	
		<i>Viburnum nudum</i>	Poosumhaw Viburnum	30-36"	18"	5-12' / 5-12'	

Notes:

- Quantities shown are per 100 LF sections of buffer type. Total quantities are to be determined.
- Shrubs to be spaced at 10' OC max. or as shown
- Mature height and spread is approximate. Actual may vary.

Plant Materials Schedule - Song Sparrow Buffer Type "B"

Key	Qty	Botanical Name	Common Name	Height	Spread	Mature Height / Spread	
ET	3	<b>Evergreen Trees - Combinations of the following Species</b>					
		<i>Ilex opaca</i>	American Holly	6-8'	3-4'	15-35' / 20-35'	
		<i>Juniperus virginiana</i>	Eastern Red Cedar	6-8'	3-4'	15-25' / 10-15'	
		<i>Pinus virginiana</i>	Virginia Pine	6-8'	3-4'	20-30' / 25-35'	
S	5	<b>Shrubs- Combinations of the following Species</b>					
		<i>Alnus serrulata</i>	Smooth Alder	30-36"	18"	10-15' / 10-15'	
		<i>Amorpha fruticosa</i>	Indigo Bush	30-36"	18"	4-15' / 6-15'	
		<i>Aronia arbutifolia</i>	Red Chokeberry	30-36"	18"	6-12' / 3-6'	
		<i>Cornus racemosa</i>	Gray Dogwood	30-36"	18"	10-27' / 10-15'	
		<i>Ilex decidua</i>	Deciduous Holly	30-36"	18"	6-10' / 6-10'	
		<i>Lindera benzoni</i>	Spicebush	30-36"	18"	8-15' / 6-15'	
		<i>Physocarpus opulifolius</i>	Common Ninebark	30-36"	18"	5-8' / 6-10'	
		<i>Rhus copallinum</i>	Winged Sumac	30-36"	18"	7-15' / 10-20'	
		<i>Rhus glabra</i>	Smooth Sumac	30-36"	18"	9-15' / 9-15'	
		<i>Rhus typhina</i>	Staghorn Sumac	30-36"	18"	8-25' / 8-25'	
		<i>Salix discolor</i>	Pussy Willow	30-36"	18"	10-20' / 8-12'	
		<i>Viburnum dentatum</i>	Southern Arrowwood	30-36"	18"	5-12' / 6-10'	
		<i>Viburnum nudum</i>	Poosumhaw Viburnum	30-36"	18"	5-12' / 5-12'	

Notes:

- Quantities shown are per 100 LF sections of buffer type. Total quantities are to be determined.
- Evergreen trees to be spaced at 20' OC max. or as shown
- Shrubs to be spaced at 10' OC max. or as shown
- Mature height and spread is approximate. Actual may vary.

**GENERAL NOTES THAT APPLY TO ALL BUFFERS**

- EXISTING VEGETATION WITHIN LANDSCAPE BUFFER AREAS SHALL REMAIN TO THE EXTENT POSSIBLE.
- QUANTITIES AND PLACEMENT OF PLANTS SHOWN ARE SCHEMATIC AND MAY VARY DEPENDING ON ACTUAL FIELD CONDITIONS. QUANTITIES SHOWN ARE PER EACH 100 LINEAR FEET OF AREA PROPOSED OR FRACTION THEREOF.
- IT IS NOT THE INTENT THAT THE SHRUBS PROPOSED FOR SCREENING SHALL BE SMALL GROWING OR BE SUBJECT TO ROUTINE PRUNING. INSTEAD, IT IS THE INTENT THAT ALL SHRUBS BE ALLOWED TO GROW AND MATURE NATURALLY, FORMING DENSE THICKETS OR MASSES FOR EFFECTIVE SCREENING PURPOSES.
- ADJUSTMENTS IN LOCATIONS AND PLANT MATERIALS SELECTIONS ARE SUBJECT TO THE EXISTING UTILITY EASEMENTS AS APPLICABLE. PLANTS SELECTIONS AND LOCATIONS PROPOSED WITHIN UTILITY EASEMENTS MUST BE APPROVED BY THE OWNING UTILITY.

**SCREENING DESCRIPTION LANDSCAPE BUFFER "A"**

LANDSCAPE BUFFER "A" PROPOSES A STAGGERED OFFSET ROW OF LARGE SHRUBS IN VARYING COMBINATIONS TO CREATE A NATURALIZED NATIVE BUFFER. THIS BUFFER UTILIZES 10 LARGE GROWING SHRUBS PER EACH 100-FOOT SEGMENT. PLANTS SHALL BE PLACED TO MAXIMIZE SCREENING EFFECTIVENESS AND TO KEEP SHADOWS FROM MATURE GROWTH FROM ENCRDACHING ONTO THE SOLAR PANELS, REDUCING THEIR EFFICIENCY. SPACE IS ALLOTTED TO ALLOW FOR AIR FLOW AND WILDLIFE MOVEMENT. SHRUBS SHALL BE PLACED IN GROUPS OF MINIMUM 3, MAXIMUM 5 OF EACH TYPE PROPOSED. SPECIES SELECTION SHALL VARY FOR MAXIMUM DIVERSITY.

**SCREENING DESCRIPTION LANDSCAPE BUFFER "B"**

LANDSCAPE BUFFER "B" PROPOSES A COMBINATION OF 3 EVERGREEN TREES AND 5 LARGE SHRUBS PER EACH 100-FOOT SEGMENT. PLANTS SHALL BE PLACED TO MAXIMIZE SCREENING EFFECTIVENESS AND TO KEEP SHADOWS FROM MATURE GROWTH FROM ENCRDACHING ONTO THE SOLAR PANELS, REDUCING THEIR EFFICIENCY. SPACE IS ALLOTTED TO ALLOW FOR AIR FLOW AND WILDLIFE MOVEMENT. SHRUBS SHALL BE PLACED IN GROUPS, MAXIMUM 3. TREES SHALL BE RANDOMLY PLACED IN GROUPS OF 3 PER EACH 100-FOOT SEGMENT. TREE TYPES SHALL VARY BETWEEN SEGMENTS. SHRUB SPECIES SELECTION SHALL VARY FOR MAXIMUM DIVERSITY. ACTUAL PLANT SELECTION MAY VARY DEPENDING ON EXISTING OVERHEAD AND UNDERGROUND UTILITIES PRESENT.