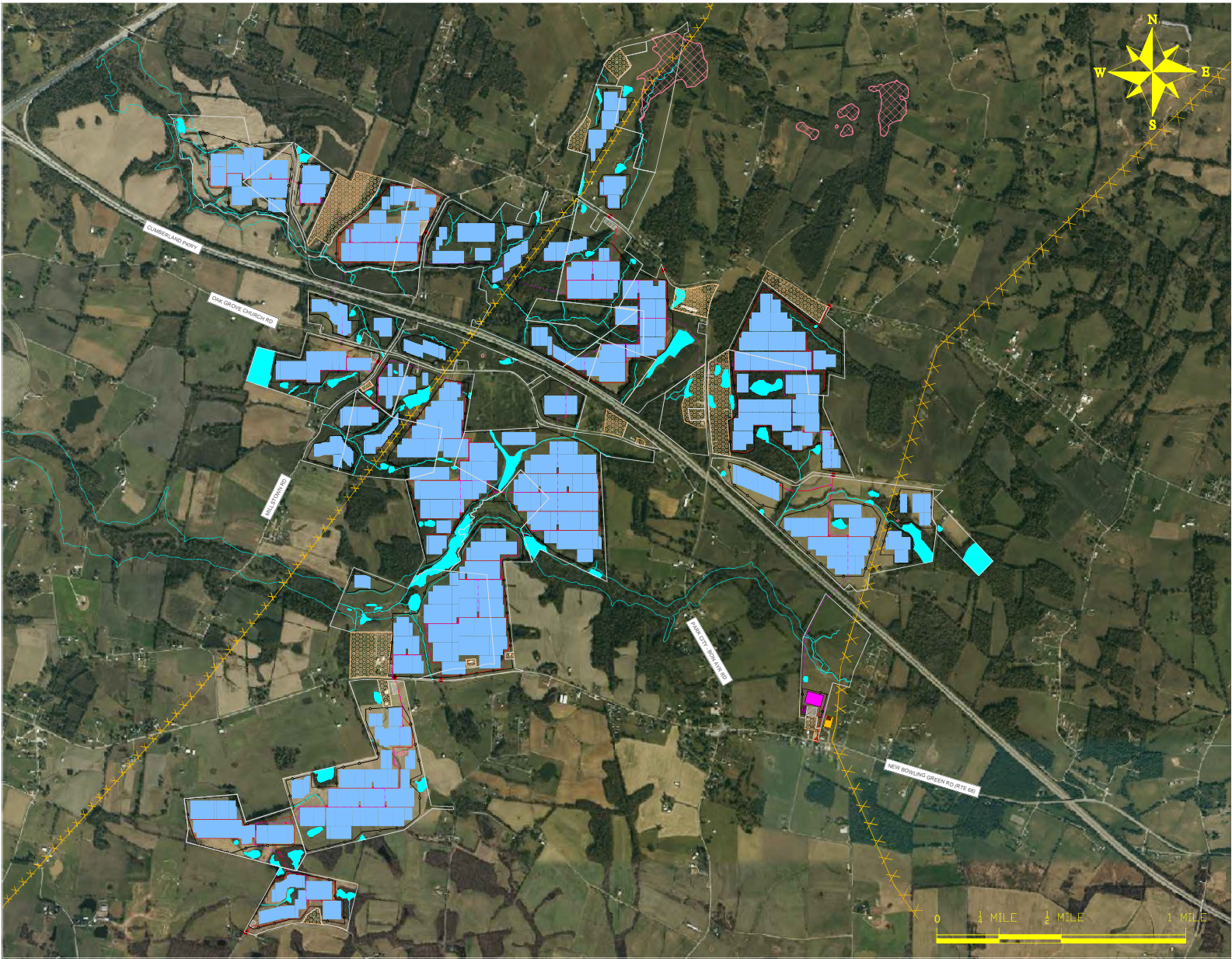


EXHIBIT A



LEGEND

PROJECT BOUNDARY	
SOLAR MODULE ROWS	
ELECTRICAL EQUIPMENT	
PROPOSED POI	
PROJECT SUBSTATION	
EKPC SUBSTATION	
O&M BUILDING	
LAYDOWN & PARKING AREA	
TRANSMISSION LINE	
INVERTER MV CABLE	
FENCE	
PARCELS	
ACCESS ENTRANCE & ACCESS ROAD	
STREAMS	
WETLANDS	
100-YEAR FLOODPLAIN	
KARST AREA	
EXCLUSION AREA	

PROJECT DATA

PARCEL AREA	2259.4 ACRES
BUILDABLE AREA	1126.7 ACRES
FENCED AREA	1244.7 ACRES
AC SYSTEM SIZE	100 MW-AC
DC SYSTEM SIZE	135 MWp
PROPOSED MODULE	CS7N-MB-AG
MODULE POWER	660Wp
MODULE QUANTITY	204,552
PROPOSED INVERTER	FS4200M
INVERTER POWER	4MW-AC
INVERTER QUANTITY	25
DC/AC RATIO	1.35
RACKING SYSTEM	SINGLE AXIS TRACKING
ESTIMATED GCR	34%
DC SYSTEM VOLTAGE	1500V
RACKING SYSTEM	1P SAT

NOTES:

- 1) PROJECT AREAS ARE SUBJECT TO CHANGE PENDING FUTURE DESIGN CONSTRAINTS AND LOCAL PERMITTING CONSIDERATIONS.
- 2) WETLANDS SETBACK = 25'
- 3) STREAM SETBACK = 25'
- 4) NON-PARTICIPATING OCCUPIED STRUCTURE SETBACK = 300'
- 5) NON-PARTICIPATING PARCEL SETBACK = 50'
- 6) FEMA 100-YEAR FLOOD PLANE SETBACK = 25'
- 7) COUNTY & STATE ROAD SETBACK = 100'
- 8) OIL & GAS PIPELINE SETBACK = 100'
- 9) TRANSMISSION LINE SETBACK = 100'
- 10) KARST AREA SETBACK = 50'

DRAWING TITLE

OVERALL
SITE PLAN

PROJECT TITLE

WOOD DUCK SOLAR
100MW-AC

DATE 14 JUL 2023

SCALE AS SHOWN

DRAWN STHA

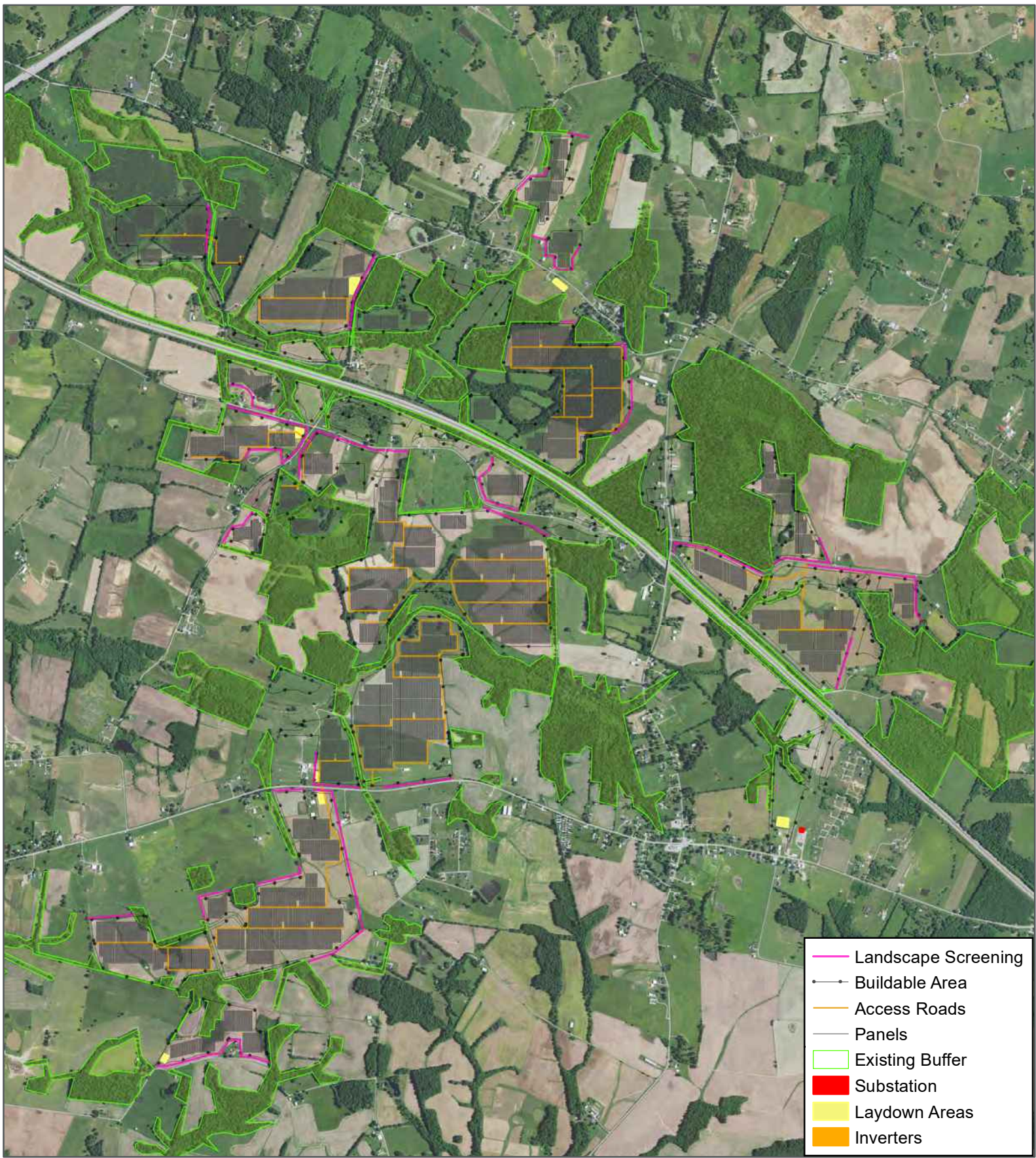
REVISION 8

GEENEX SOLAR

1000 NC MUSIC FACTORY BLVD
SUITE C3
CHARLOTTE, NC 28206



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- Landscape Screening
- > Buildable Area
- Access Roads
- Panels
- Existing Buffer
- Substation
- Laydown Areas
- Inverters

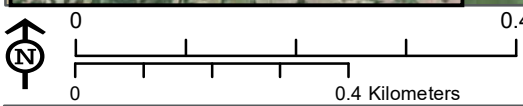
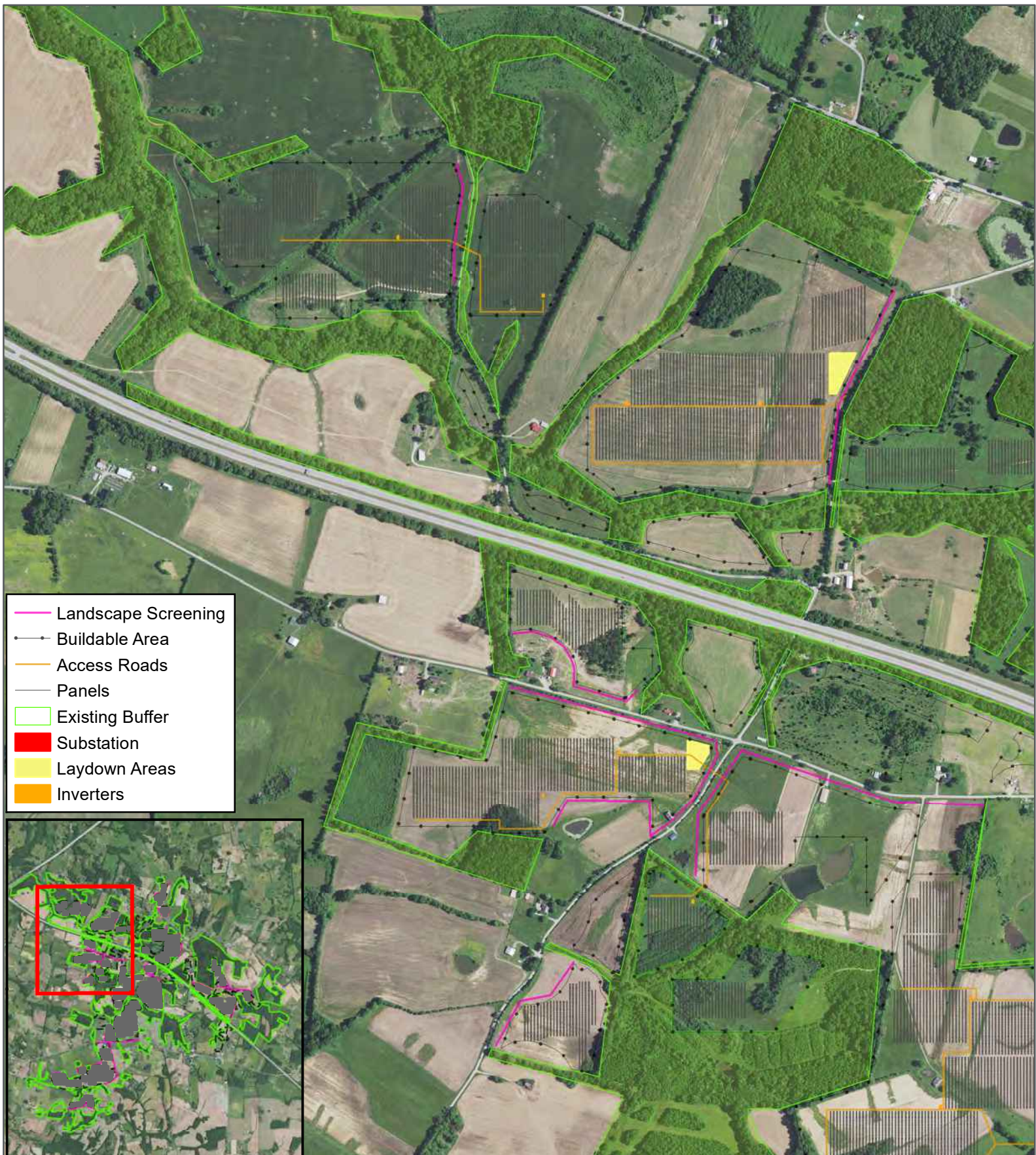


7.5' Quadrangles
PLSS: unsectioned

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C202: Preliminary Landscape Plan
Visual Resource Assessment for the Wood Duck Solar Project
Geenex Solar, LLC
Barren and Edmonson County, Kentucky

Stantec
 76 San Marcos Street
 Austin, TX 78702 USA
 Phone (+1) 512.745.8129
 www.stantec.com

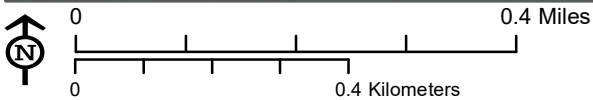
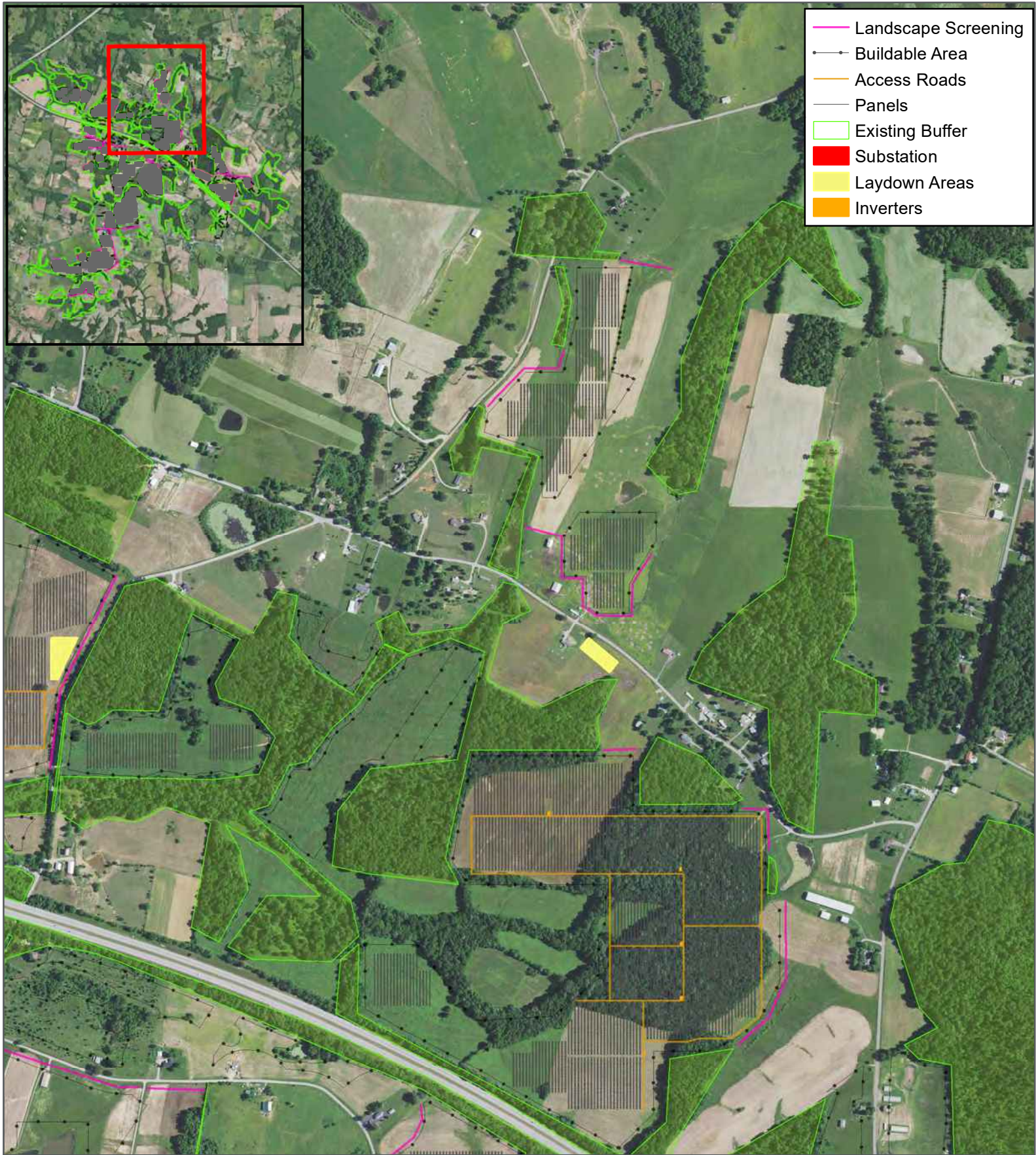


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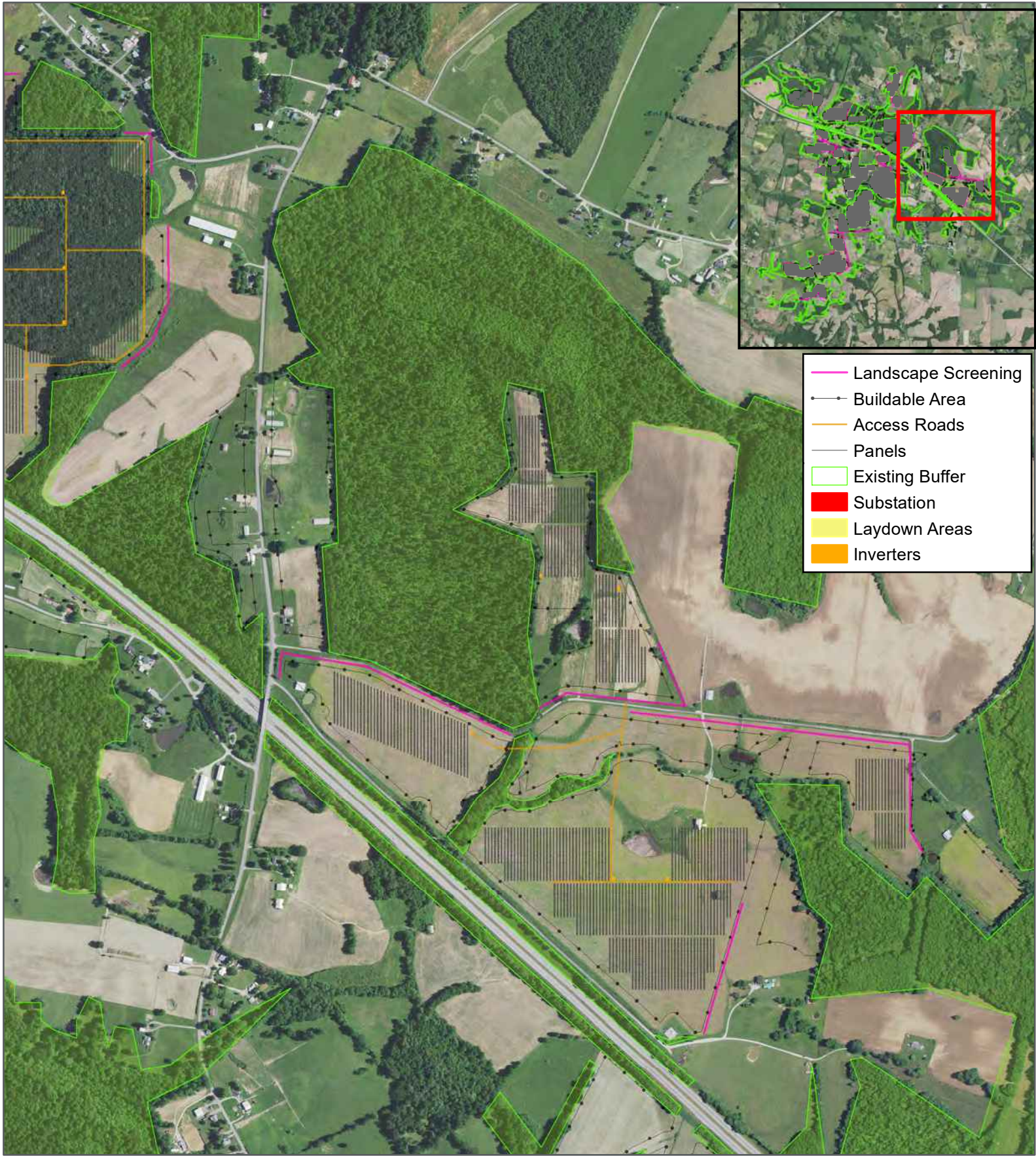
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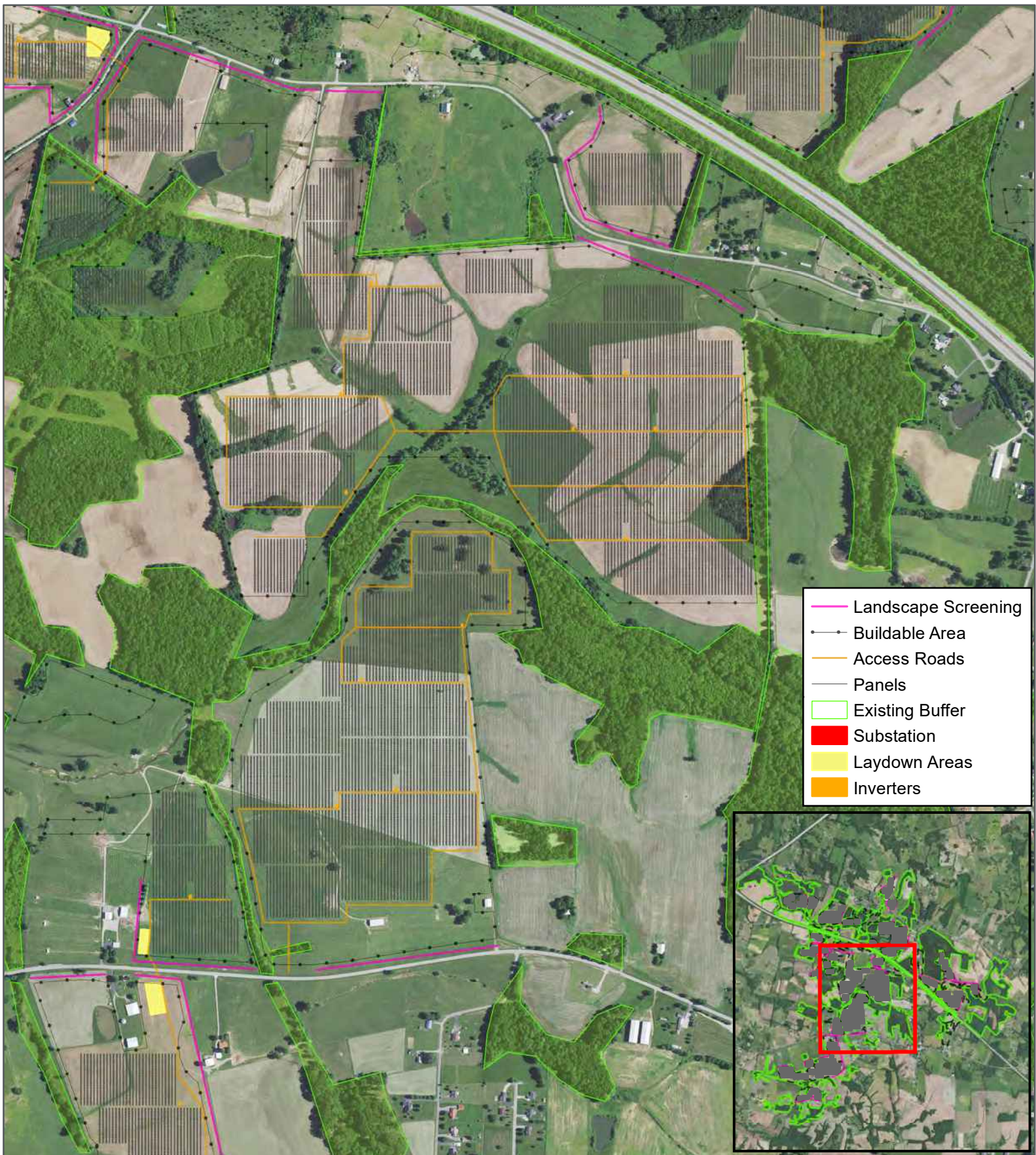


7.5' Quadrangles
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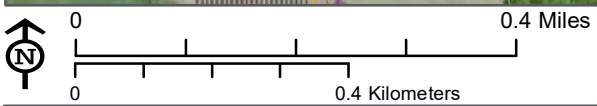
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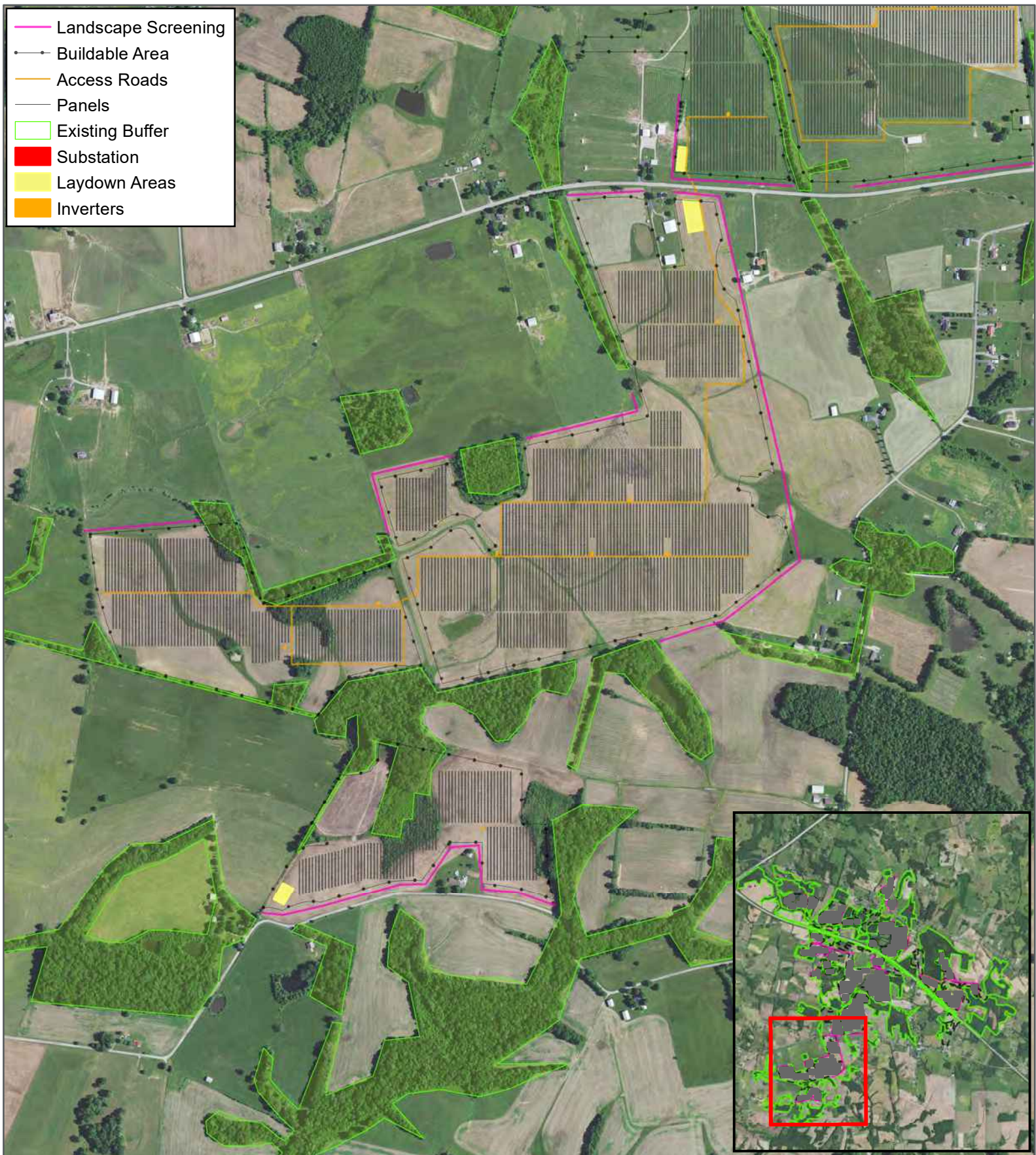


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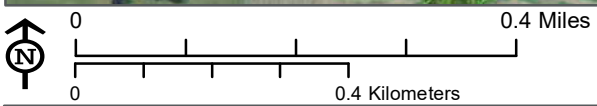
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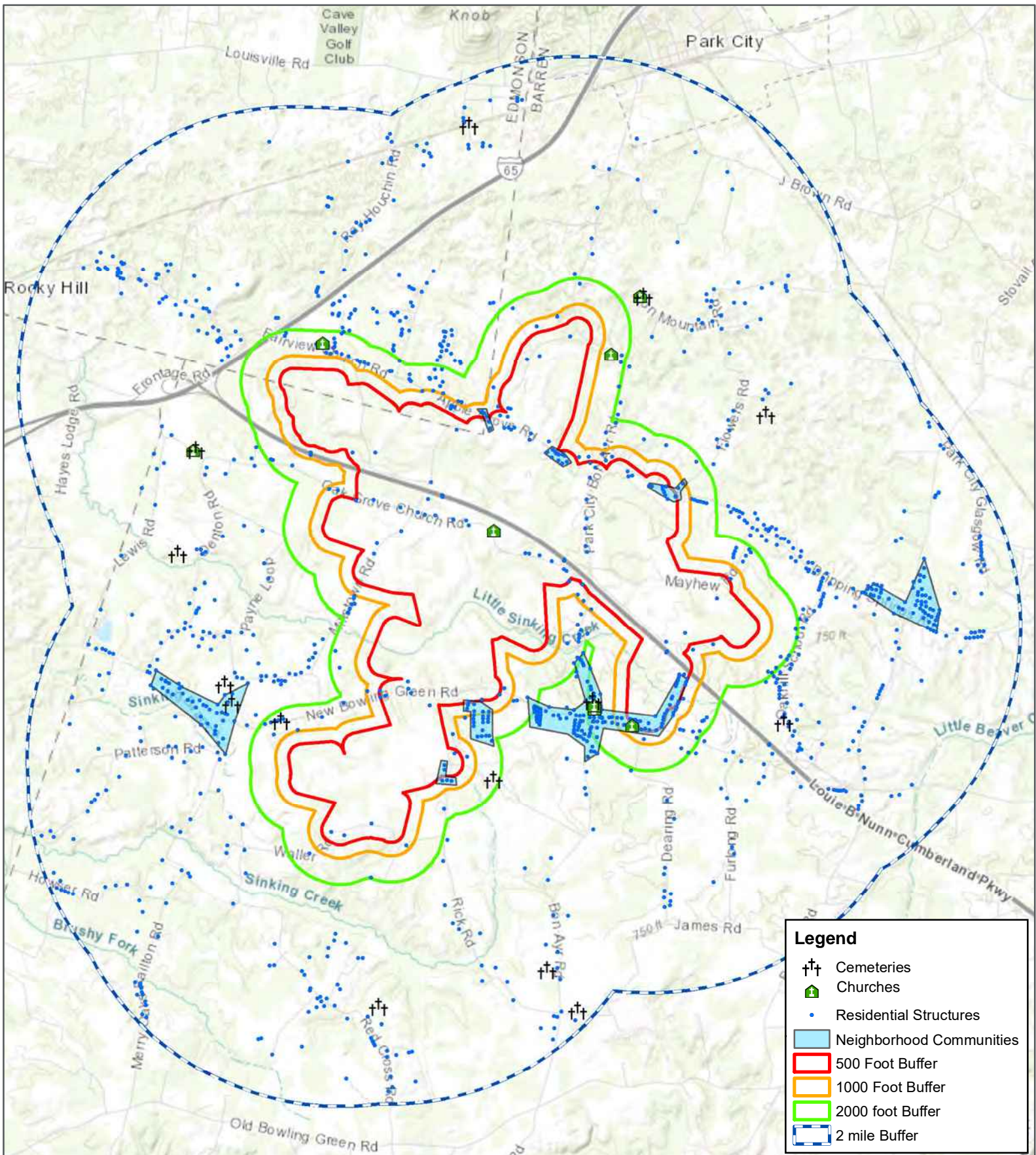


7.5' Quadrangles
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No Schools and Parks were identified within 2-miles of the facility.

7.5' Quadrangles:
 Hardinsburg, KY (2022)
 Mattingly, KY (2022)
 Kingswood, KY (2022)

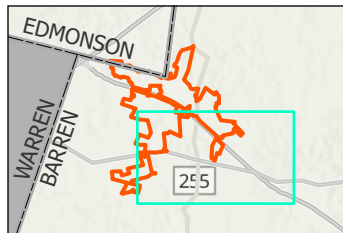
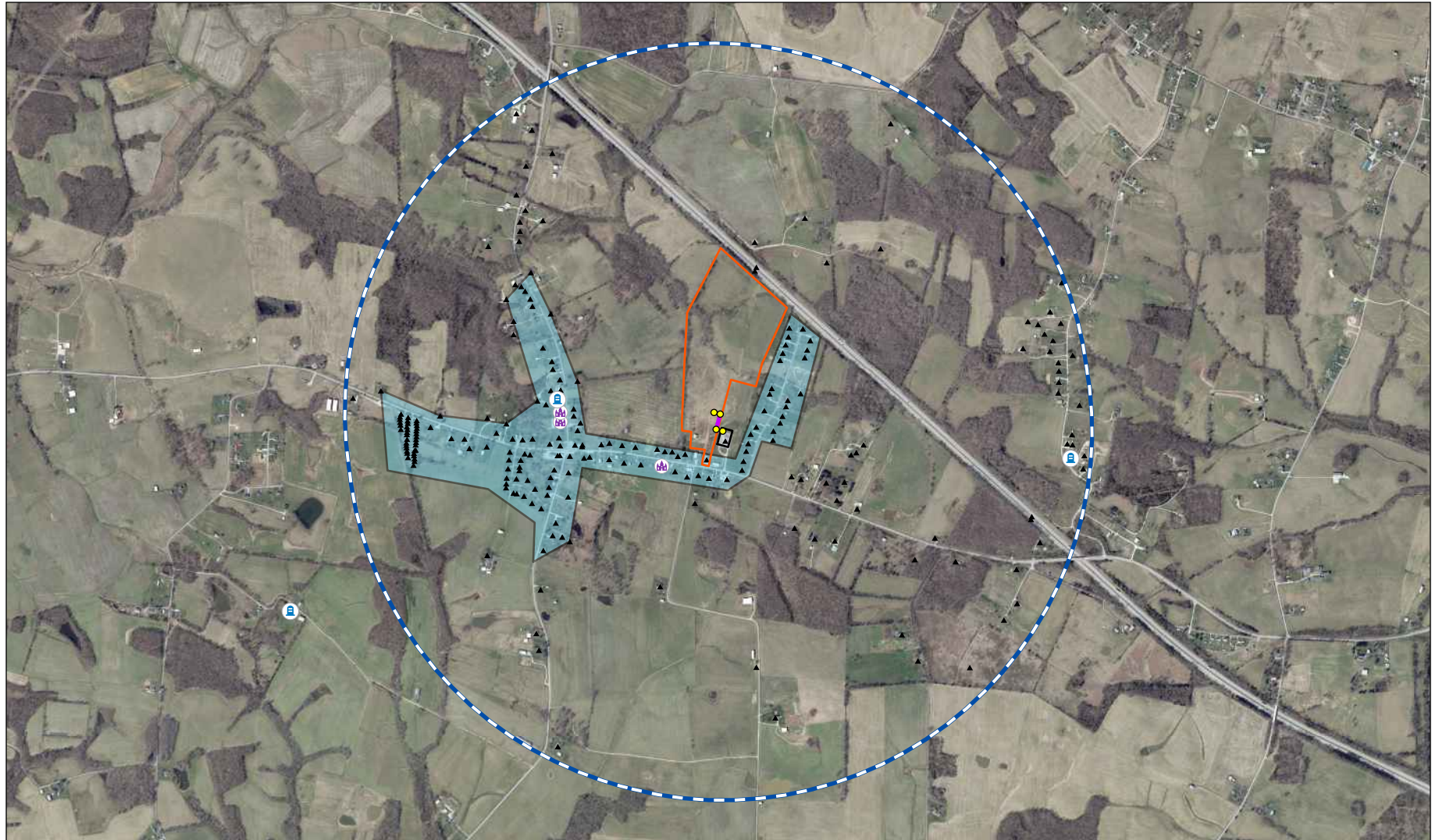
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C203: Public Resources within 2 Miles of the Study Area

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Legend

- One Mile Buffer
- Savers Storage LLC (Parcel 33-7A)
- Gen-tie Line
- Gen-tie Line Power Poles
- Eastern Kentucky Power Company Substation
- Residences within One Mile
- Neighborhood within One Mile
- Cemeteries
- Church



Notes

- Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
(At original document size of 8.5x11)
1:25,722
- Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset
- Background: KyFromAbove Orthoimagery (2021)



Project Location Smiths Grove/Glasgow
Edmonson and Barren Counties, Kentucky

Prepared by CRH on 2024-11-25

Client/Project Number 237801898
Client Geenex
Project Wood Duck Solar Project
Report SAR

Exhibit:

1-b

Title
**Sensitive Resources within One Mile
of the Gen-tie Line**