

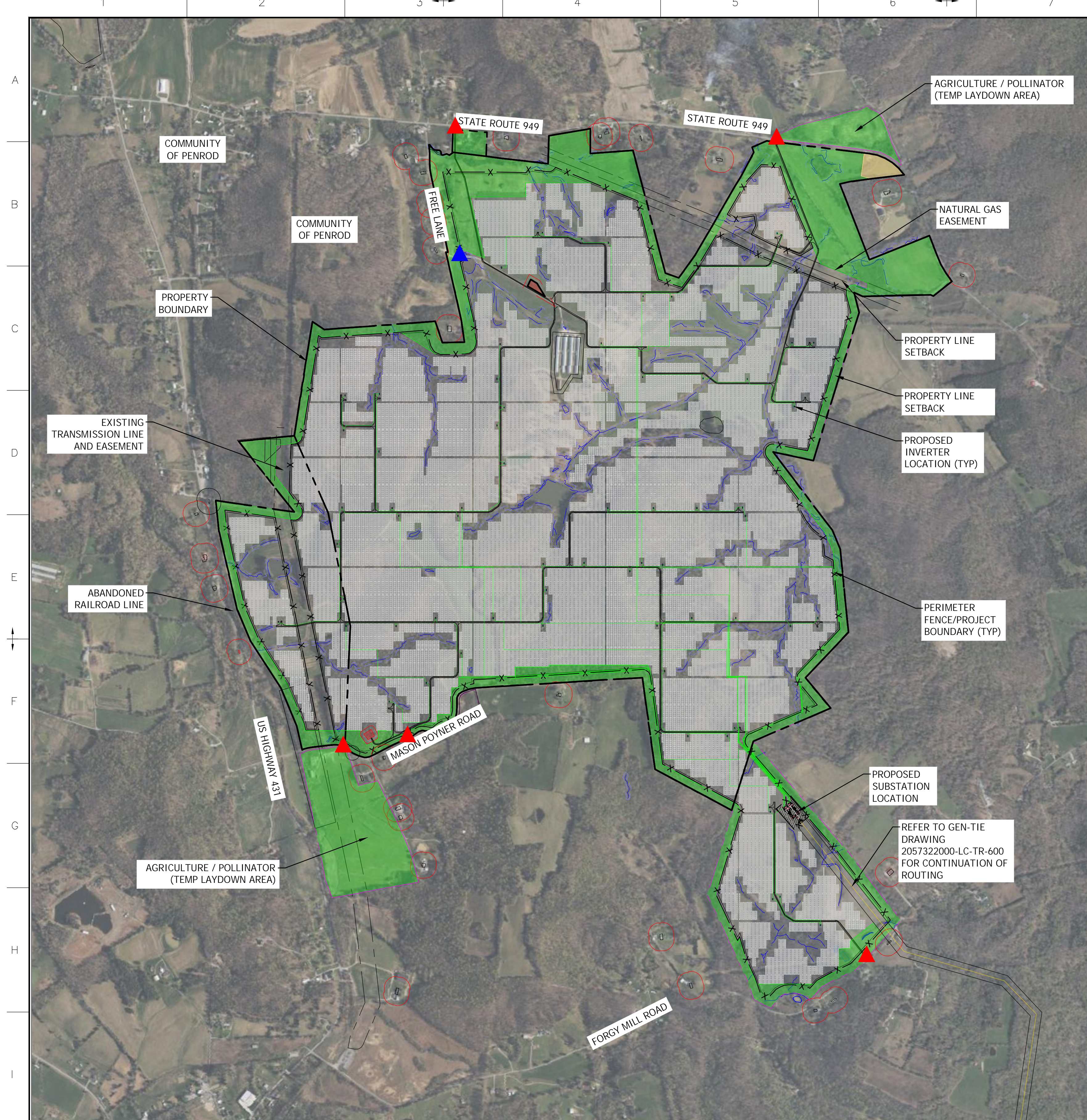
**Appendix B**

PRELIMINARY SITE LAYOUT

**Lost City Renewables LLC**

Muhlenberg County, Kentucky



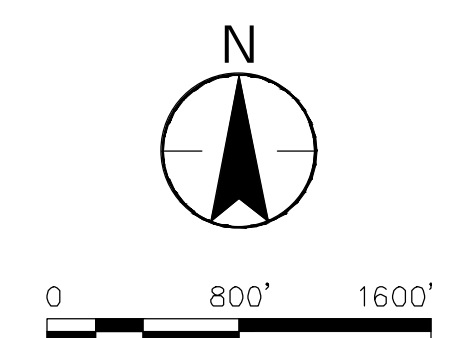


**LEGEND**

EXISTING	PROPOSED
PROPERTY BOUNDARY LINE	PV ARRAYS AND INVERTERS BUILDABLE AREA
100' OR GREATER PROPERTY SETBACK LINE INCLUDING ACCESS ROAD FOR FIRE BREAK	PERIMETER FENCE
JURISDICTIONAL WATERWAY	ACCESS ROAD
25' JURISDICTIONAL WATERWAY BUFFER	PVCASE TRACKERS
150' OCCUPIED RESIDENCE SETBACK LINE	SUBSTATION
	INVERTERS
	MV CABLES
	POLLINATOR AREA
	FACILITY ACCESS
	EXISTING AGRICULTURAL ACCESS

System Size and Equipment Summary Assumptions

AC System Size @ POI	247.50 MWac
PV Modules	TRINA VERTEX N 710W BIFACIAL MODULES OR EQUIVALENT
Tracking System	NEVADOS ALL TERRAIN TRACKER
GCR	45%
Inverter	SUNGROW SG4400UD-MV-US INVERTER OR EQUIVALENT



**PRELIMINARY  
NOT FOR  
CONSTRUCTION**  
01/15/2025

**DRAWING REFERENCE:**  
EXISTING CONDITIONS REFERENCED FROM DRAWING TITLED "LOST CITY WORKING FILE 01-15-25" DATED 01/15/2025 PROVIDED BY HESTER PRECISION SURVEYS.

REV.	DESCRIPTION	DRAWN	CHKD	APPRVD	DATE
D	ISSUED FOR REVIEW	RMA	CMA	DDF	01/15/25
C	ISSUED FOR REVIEW	RMA	CMA	DDF	12/03/24
B	ISSUED FOR INFORMATION	RMA	CMA	DDF	11/04/24
A	RESIDENTIAL BUFFER SKETCH	RMA	CMA	DDF	10/16/24

DRAWING REVISIONS

**Stantec**  
Stantec Consulting Services Inc.  
50 Derby Street Suite 260 Hingham, MA U.S.A. 02043  
3052 Beaumont Centre Circle Lexington, KY U.S.A. 40513-1703  
www.stantec.com

COA #	
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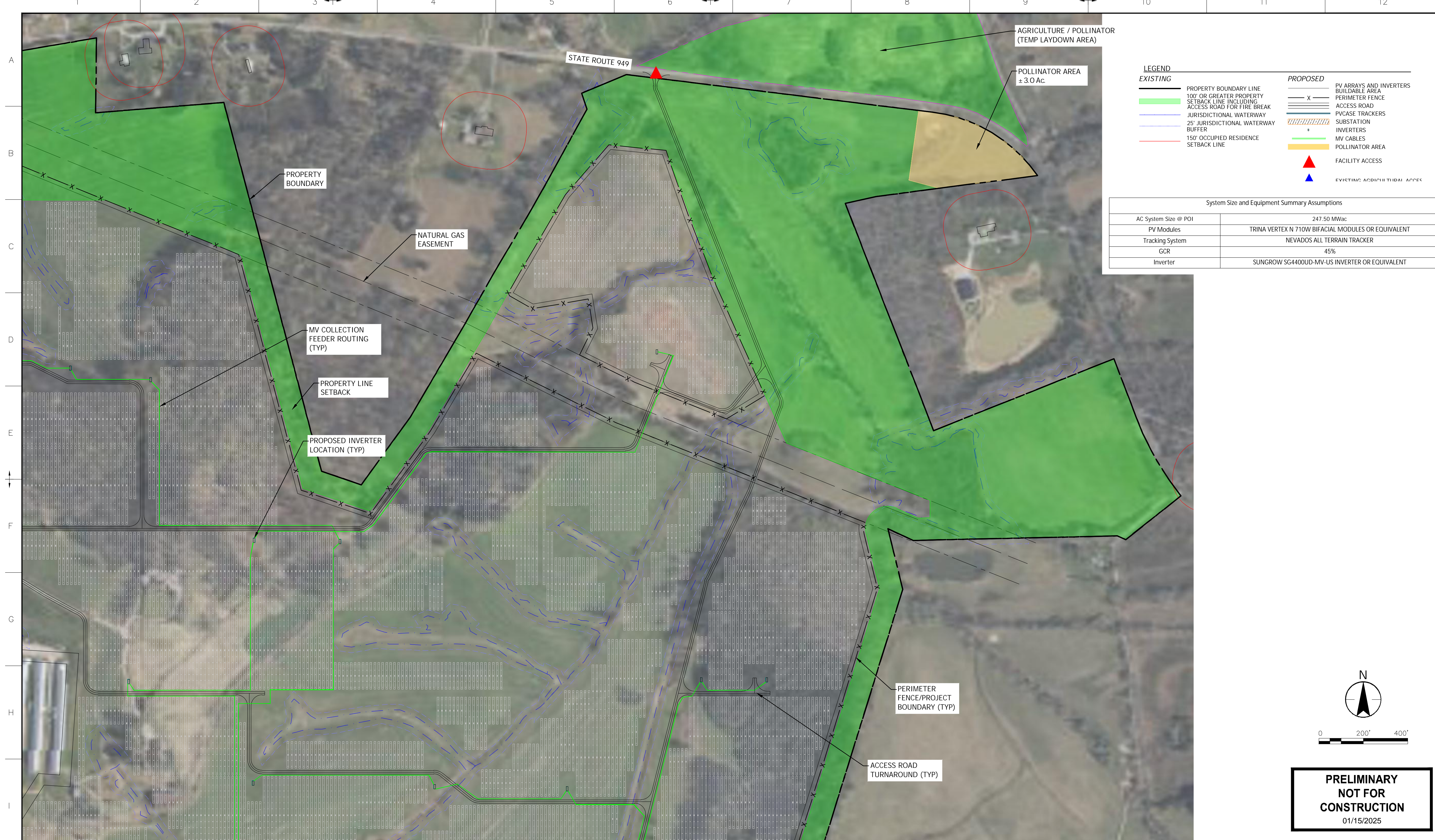
DRAWN: CMA	CHECKED: CMA	IND. REVIEW: DG
DESIGNED: CMA	CHECKED: DDF	APPROVED: DDF
PROJECT NO: 2057322000	SCALE: AS SHOWN	

CLIENT/PROJECT:	LOST CITY RENEWABLES LLC LOST CITY MUHLENBERG COUNTY, KENTUCKY
TITLE:	LOST CITY SOLAR PV SOLAR LAYOUT
SHT 1 OF 1	DWG NO: 2057322000-LC-E-100.2
REV: D	







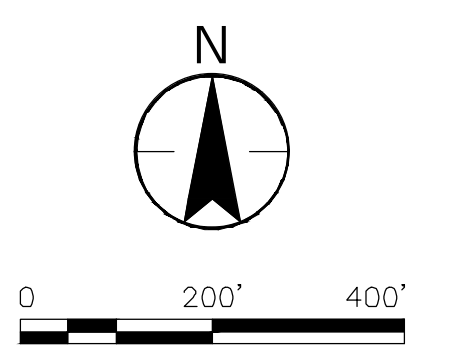


**LEGEND**

EXISTING		PROPOSED	
[Solid Line]	PROPERTY BOUNDARY LINE	[Green Area]	PV ARRAYS AND INVERTERS BUILDABLE AREA
[Dashed Line]	100' OR GREATER PROPERTY SETBACK LINE INCLUDING ACCESS ROAD FOR FIRE BREAK	[Line with 'x']	PERIMETER FENCE
[Blue Dashed Line]	JURISDICTIONAL WATERWAY	[Blue Line]	ACCESS ROAD
[Blue Dashed Line]	25' JURISDICTIONAL WATERWAY BUFFER	[Blue Line]	PVCASE TRACKERS
[Red Line]	150' OCCUPIED RESIDENCE SETBACK LINE	[Hatched Area]	SUBSTATION
		[Green Dot]	INVERTERS
		[Green Line]	MV CABLES
		[Yellow Area]	POLLINATOR AREA
		[Red Triangle]	FACILITY ACCESS
		[Blue Triangle]	EXISTING AGRICULTURAL ACCESS

**System Size and Equipment Summary Assumptions**

AC System Size @ POI	247.50 MWac
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B	ISSUED FOR INFORMATION	RMA	CMA	DDF	11/04/24
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DRAWING REVISIONS

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PROJECT NO: 2057322000  
 SCALE: AS SHOWN

CLIENT/PROJECT:	LOST CITY RENEWABLES LLC LOST CITY MUHLBERG COUNTY, KENTUCKY
TITLE:	LOST CITY SOLAR PV SOLAR LAYOUT
SHT OF	3 OF 1
DWG NO:	2057322000-LC-E-100.2
REV	D























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