

ARRAY SUMMARY

DC SYSTEM SIZE:	979.200 [kW-DC (STC)]
AC SYSTEM SIZE:	942.000 [kW-AC]
MODULES:	(2,880) 340 WATT MODULE
INVERTERS:	(7) SOLECTRIA PVI-60TL-480 (9) SOLECTRIA PVI-50TL-480 (2) SOLECTRIA PVI-36TL-480
STRINGS:	(160) STRINGS OF (18) MODULES
RACKING:	(80) SOLAR FLEX RACK G3L-X 4HX9
TILT ANGLE:	25°

SUB-ARRAY: 1

DC SYSTEM SIZE:	452.880 [kW-DC (STC)]
AC SYSTEM SIZE:	412.000 [kW-AC]
MODULES:	(1,332) 340 WATT MODULE
INVERTERS:	(4) SOLECTRIA PVI-60TL-480 (2) SOLECTRIA PVI-50TL-480 (2) SOLECTRIA PVI-36TL-480
STRINGS:	(74) STRINGS OF (18) MODULES
RACKING:	(37) SOLAR FLEX RACK G3L-X 4HX9
AZIMUTH:	202°

SUB-ARRAY: 2

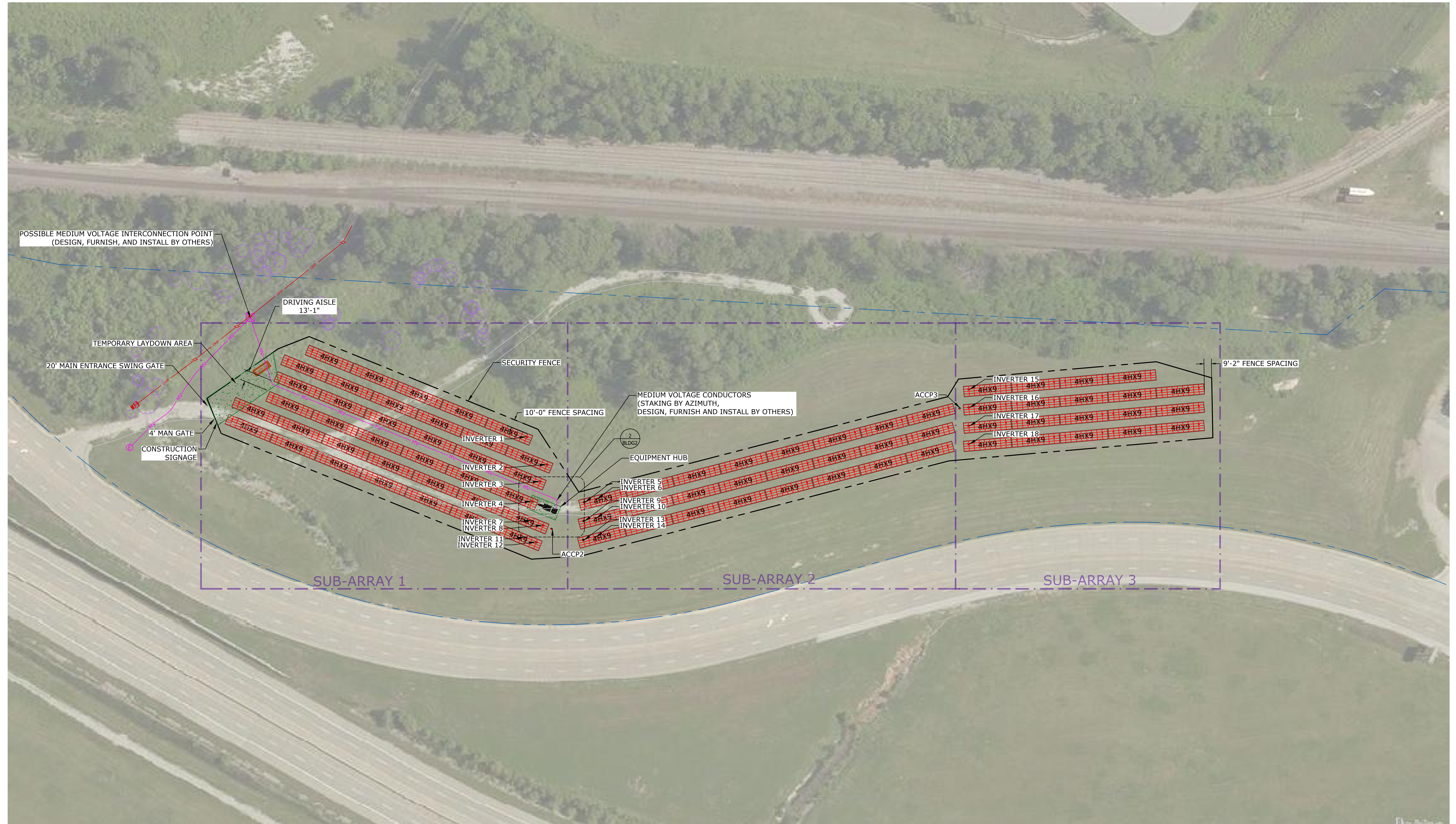
DC SYSTEM SIZE:	293.760 [kW-DC (STC)]
AC SYSTEM SIZE:	300.000 [kW-AC]
MODULES:	(864) 340 WATT MODULE
INVERTERS:	(6) SOLECTRIA PVI-50TL-480
STRINGS:	(48) STRINGS OF (18) MODULES
RACKING:	(24) SOLAR FLEX RACK G3L-X 4HX9
AZIMUTH:	165.5°

SUB-ARRAY: 3

DC SYSTEM SIZE:	232.560 [kW-DC (STC)]
AC SYSTEM SIZE:	230.000 [kW-AC]
MODULES:	(684) 340 WATT MODULE
INVERTERS:	(3) SOLECTRIA PVI-60TL-480 (1) SOLECTRIA PVI-50TL-480
STRINGS:	(38) STRINGS OF (18) MODULES
RACKING:	(19) SOLAR FLEX RACK G3L-X 4HX9
AZIMUTH:	175°

SHEET LEGEND

	NEW FENCE
	SUB-ARRAY
	EXISTING OVERHEAD POWER
	PROPERTY LINE
	EXISTING GRAVEL ROADWAY
	FABRIC AND ROCK
	MEDIUM VOLTAGE CONDUCTOR BY OTHERS



OPERATING DIAGRAM

NOTICE OF LIMITED RESPONSIBILITY
THE RESPONSIBILITY OF THE UNDERSIGNED ENGINEER IS LIMITED TO THE DESIGN WORK SHOWN ON PROJECT AND DOCUMENTS BEARING HIS/HER SEAL, SIGNATURE OR INITIALS. HE/SHE DOES NOT HAVE AUTHORITY OVER THE PROJECT AS A WHOLE. THE UNDERSIGNED DISCLAIMS ANY RESPONSIBILITY FOR WORK DONE UNDER SUBSEQUENT REVISIONS AND ANY OTHER DOCUMENTS ASSOCIATED WITH THE PROJECT WHICH DO NOT BEAR HIS/HER SEAL, SIGNATURE OR INITIALS.

SCALE: 1" = 60'-0"
UNIT NO.: ---
DWG. SIZE: Y ARCH D (36X24)
SUB CLASS: ---

SITE LAYOUT PLAN

SITE: AMEREN LAMBERT COMMUNITY SOLAR ENERGY CENTER
DRAWING NO. XX-DWG-BLDG-000002
REVISION NO. 0

DRAWING RECORD

REV.	DATE	PROJECT NO.	DRFTR	CHK'D	SUPV	ENGR	DESCRIPTION
A	12/06/2017	1704-101	CJB	DIR	DAS	ML	PRELIMINARY DESIGN DRAWINGS