



SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	4,909.82 kW
SYSTEM SIZE AC	3,500.00 kW
DC/AC RATIO	1.40
MODULE MANUFACTURER	JINKO SOLAR
MODULE MODEL	JKM405M-72H-BDVP
MODULE RATING	405 W
TOTAL MODULE QTY	12,123
MODULES PER STRING	27
TOTAL NO. OF STRINGS	449
INVERTER MODEL	SUNGROW SG125HV
INVERTER RATING	125 kW
INVERTER QTY	28
STEP-UP TRANSFORMER	(2) 12.47kV/600V, 1750kVA
RACKING	ATI HSAT
# OF 81 MODULE RACKS	115
# OF 54 MODULE RACKS	52
TILT ANGLE	0
INTER-ROW SPACING	13.5'
PITCH	20.2'
GCR	33%
SITE AREA INSIDE FENCE	24.06 Ac

LEGEND	
	ATI 81 MODULE TRACKER ROW
	ATI 54 MODULE TRACKER ROW
	POWER STATION - (1) MV TRANSFORMER, (1) DAS, (1) WEATHER STATION (TYP. OF 2)
	SUNGROW 125kW STRING INVERTER (TYP. OF 28)
	20' WIDE SITE ACCESS GRAVEL ROAD
	WETLAND
	PUBLIC ROAD
	PROPERTY LINE
	PROJECT SITE SECURITY FENCE
	SETBACK
	(E) OH LINES
	MV CABLE

GENERAL NOTES	
1.	REFER TO SINGLE LINE DIAGRAM FOR DETAILS.
2.	INSTALLATION TO COMPLY WITH NEC 2017 ARTICLE 690 AND ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES OR REGULATIONS.
3.	EQUIPMENT SHALL BE LABELED PER NEC 690 AND UTILITY REGULATIONS.
4.	20' ACCESS ROADS SHALL BE DESIGNED TO ACCOMMODATE ALL CONSTRUCTION, OPERATIONS, MAINTENANCE, AND UTILITY TRAFFIC THROUGHOUT THE SITE.
5.	DIMENSIONS TO PROPERTY LINES AND EXISTING FEATURES ARE APPROXIMATE PENDING SURVEY.



PRELIMINARY
NOT FOR
CONSTRUCTION

BUFFALO ROAD
SOLAR

BUFFALO RD,
CANANDAIGUA,NY,14424

LAT: 42.879248°
LON: -77.320712°

0	FOR UTILITY APPLICATION	04/25/20
REV. NO.	DESCRIPTION	DATE

SHEET TITLE:

PRELIMINARY
LAYOUT

DRAWING NO.:

PV-100

DRAWN BY:

LR

REVIEWED BY:

DATE:

04/25/20

SCALE:

AS SHOWN

PROJECT NO.:

