



1 ARRAY PLAN
SCALE: 1"=150'



SYSTEM SPECIFICATIONS	
SILVEIRA RANCH SOLAR A + B + C	
SYSTEM SIZE DC	3807.65 kW
SYSTEM SIZE AC *	2270.00 kW
DC:AC RATIO	1.31
MODULE MODEL	JINKO JKMD45M-72V-345W
MODULE RATING	345 W
TOTAL MODULE QTY	11310
MODULES PER STRING	29
TOTAL NO. OF STRINGS	350
INVERTER MODEL	HUAWEI SUN2000-45KTL-US
INVERTER RATING	45 kW
INVERTER QTY	68
STEP-UP TRANSFORMER	12-47/600V, 2075kVA
RACKING	NEXTRACKER
INTER-ROW SPACING	9.8'
PITCH	16.4°
GCR	40%
FENCED AREA	41.26 Ac

SYSTEM SPECIFICATIONS	
SILVEIRA RANCH SOLAR A	
SYSTEM SIZE DC	1300.65 kW
SYSTEM SIZE AC *	960.00 kW
DC:AC RATIO	1.31
MODULE MODEL	JINKO JKMD45M-72V-345W
MODULE RATING	345 W
TOTAL MODULE QTY	3770
MODULES PER STRING	29
TOTAL NO. OF STRINGS	130
INVERTER MODEL	HUAWEI SUN2000-45KTL-US
INVERTER RATING	45 kW
INVERTER QTY	22
STEP-UP TRANSFORMER	12-47/600V, 660kVA
RACKING	NEXTRACKER
INTER-ROW SPACING	9.8'
PITCH	16.4°
GCR	40%

SYSTEM SPECIFICATIONS	
SILVEIRA RANCH SOLAR B	
SYSTEM SIZE DC	1300.65 kW
SYSTEM SIZE AC *	960.00 kW
DC:AC RATIO	1.31
MODULE MODEL	JINKO JKMD45M-72V-345W
MODULE RATING	345 W
TOTAL MODULE QTY	3770
MODULES PER STRING	29
TOTAL NO. OF STRINGS	130
INVERTER MODEL	HUAWEI SUN2000-45KTL-US
INVERTER RATING	45 kW
INVERTER QTY	22
STEP-UP TRANSFORMER	12-47/600V, 660kVA
RACKING	NEXTRACKER
INTER-ROW SPACING	9.8'
PITCH	16.4°
GCR	40%

SYSTEM SPECIFICATIONS	
SILVEIRA RANCH SOLAR C	
SYSTEM SIZE DC	1300.65 kW
SYSTEM SIZE AC *	960.00 kW
DC:AC RATIO	1.31
MODULE MODEL	JINKO JKMD45M-72V-345W
MODULE RATING	345 W
TOTAL MODULE QTY	3770
MODULES PER STRING	29
TOTAL NO. OF STRINGS	130
INVERTER MODEL	HUAWEI SUN2000-45KTL-US
INVERTER RATING	45 kW
INVERTER QTY	22
STEP-UP TRANSFORMER	12-47/600V, 660kVA
RACKING	NEXTRACKER
INTER-ROW SPACING	9.8'
PITCH	16.4°
GCR	40%

*- OUTPUT IS CONTROLLED BY PLANT CONTROLLER

RECEIVED
AUG 04 2018
COUNTY OF MARIN
COMMUNITY DEVELOPMENT AGENCY
PLANNING DIVISION

LEGEND	
	NEXTRACKER 67 MODULE TRACKER ROW
	NEXTRACKER 68 MODULE TRACKER ROW
	NEXTRACKER 29 MODULE TRACKER ROW
	POWER STATION - (I) INVERTER, (T) MV TRANSFORMER, (W) DAS, (E) WEATHER STATION
	45kW STRING INVERTER
	PANEL BOARD X = PANEL NO.
	12' WIDE SITE ACCESS GRAVEL ROAD
	(E) WETLAND
	PROJECT SITE SECURITY FENCE
	PROPERTY LINE
	(E) OH LINES
	PROJECT OH LINES TO POCC
	SETBACK

GENERAL NOTES	
1.	REFER TO SINGLE LINE DIAGRAM FOR DETAILS.
2.	INSTALLATION TO COMPLY WITH NEC 2014 ARTICLE 690 AND ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES OR REGULATIONS.
3.	EQUIPMENT SHALL BE LABELED PER NEC 690 AND UTILITY REGULATIONS.
4.	12' 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.



SILVEIRA
RANCH SOLAR
A, B, & C

SILVEIRA RANCH ROAD
NOVATO, CA 94945, USA.

LAT: 38.155575°
LON: -122.566269°

REV. NO.	DESCRIPTION	DATE
0	PRELIMINARY	08/29/18

SHEET TITLE:

PRELIMINARY
LAYOUT

DRAWING NO.:

PV-100

DRAWN BY:

LR

REVIEWED BY:

DATE:

08/29/18

SCALE:

AS SHOWN

PROJECT NO.: