COUNTY OF SANTA CRUZ PLANNING DEPARTMENT 701 Ocean Street, 4th Floor Santa Cruz, CA 95060 (831) 454-2580

NOTICE OF PENDING ACTION

The Planning Department has received the following application. The identified planner may be contacted for specific information on this application.

APPLICATON NUMBER: 181256 APN: 102-061-09

Proposal to construct an array of photovoltaic plate collectors and associated utility trench to serve the adjacent visitor-serving facility. Requires a Level 4 Discretionary Permit.

Property located at the end of Chaminade Lane (1 CHAMINADE LN) approximately 1,000 feet north of the intersection with Paul Sweet Road.

OWNER: LHO Santa Cruz Hotel One

APPLICANT: Jono Stevens

SUPERVISORIAL DISTRICT: 1

PLANNER: Jerry Busch, (831) 454-3234 EMAIL: Jerry.Busch@santacruzcounty.us

Public comments must be received by 5:00 p.m. October 2, 2018.

A decision will be made on or shortly after October 9, 2018.

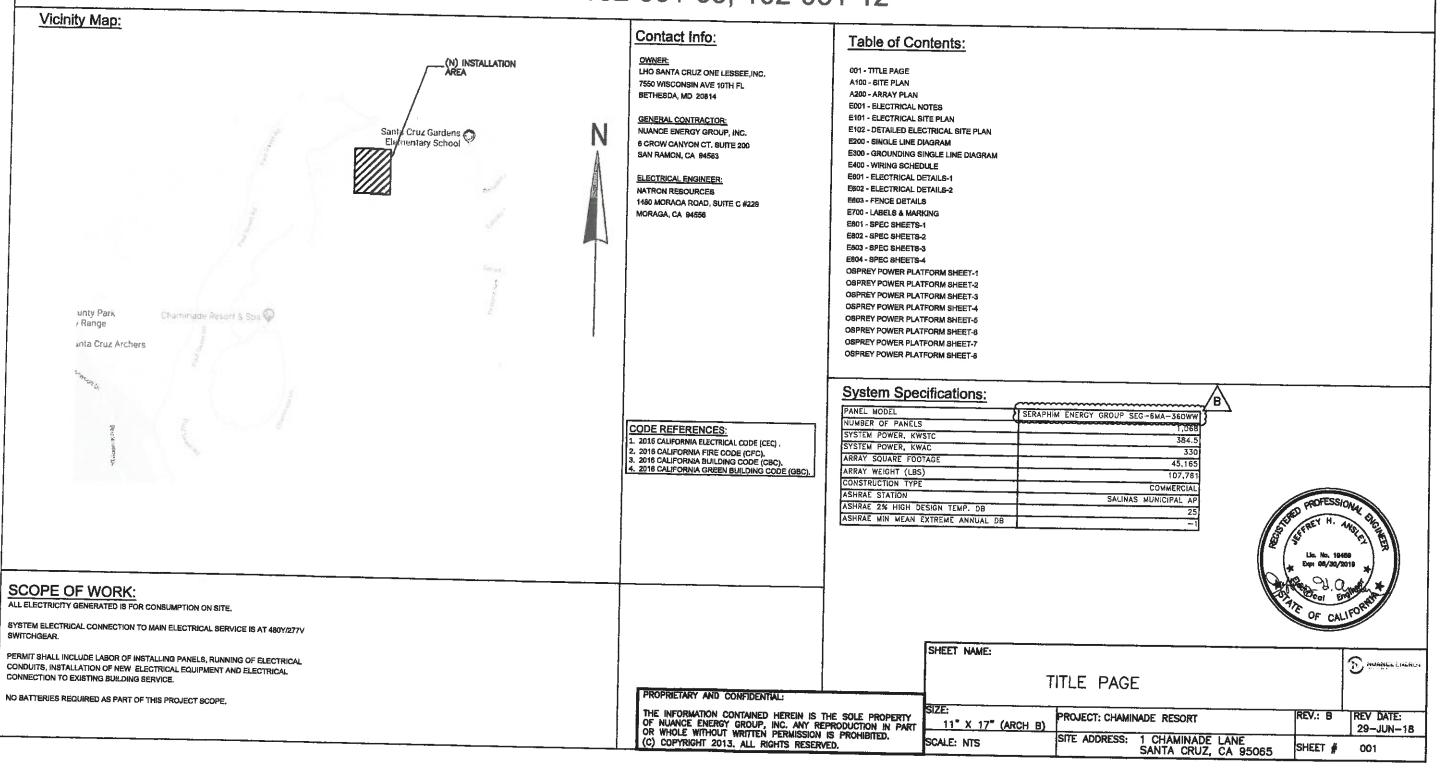
Appeals of the decision will be accepted until 5:00 p.m. two weeks after the decision date.

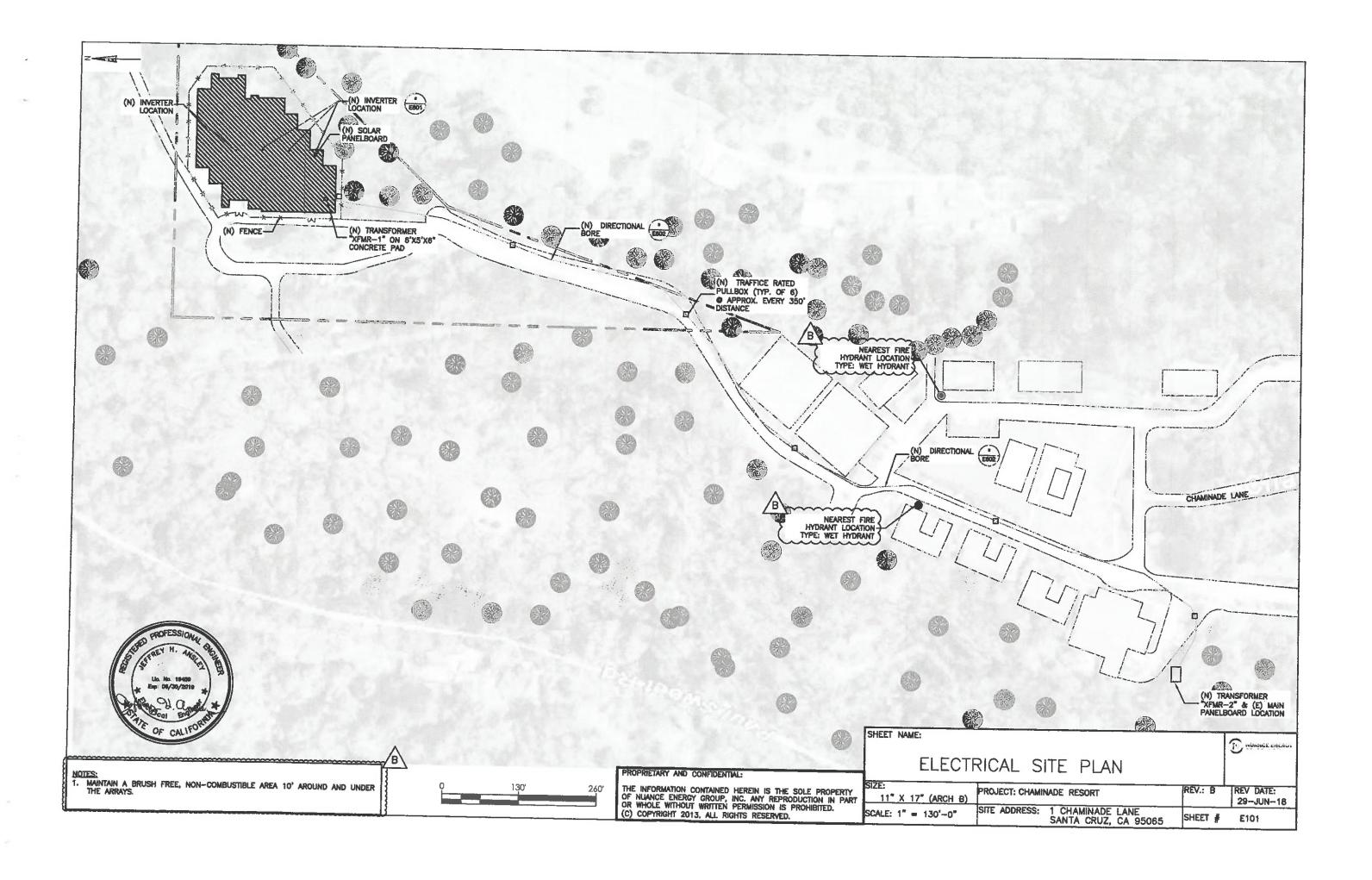
Information regarding the appeal process, including required fees, may be obtained by phoning (831) 454-2130.

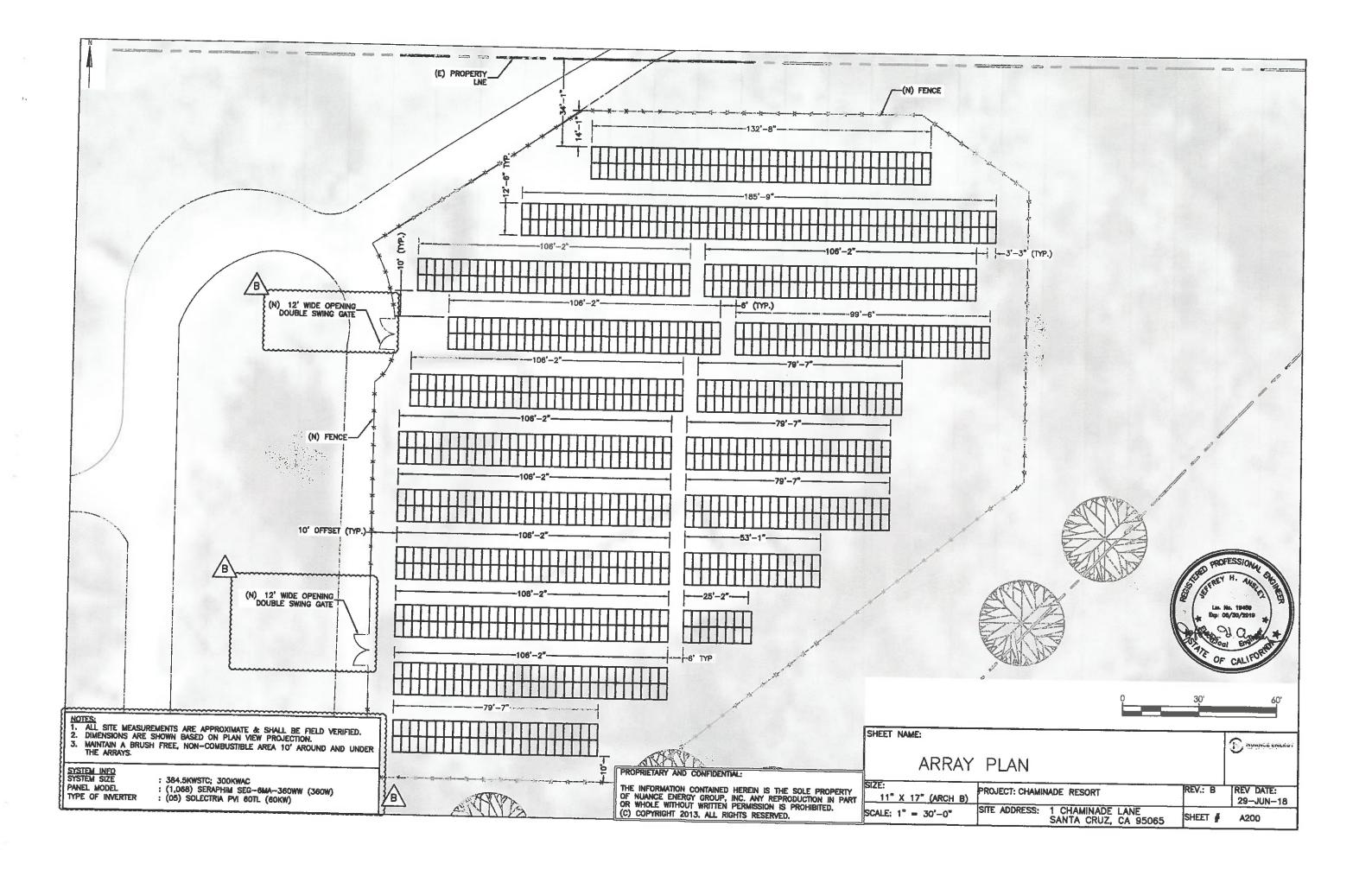
For more information, call the project planner identified above.

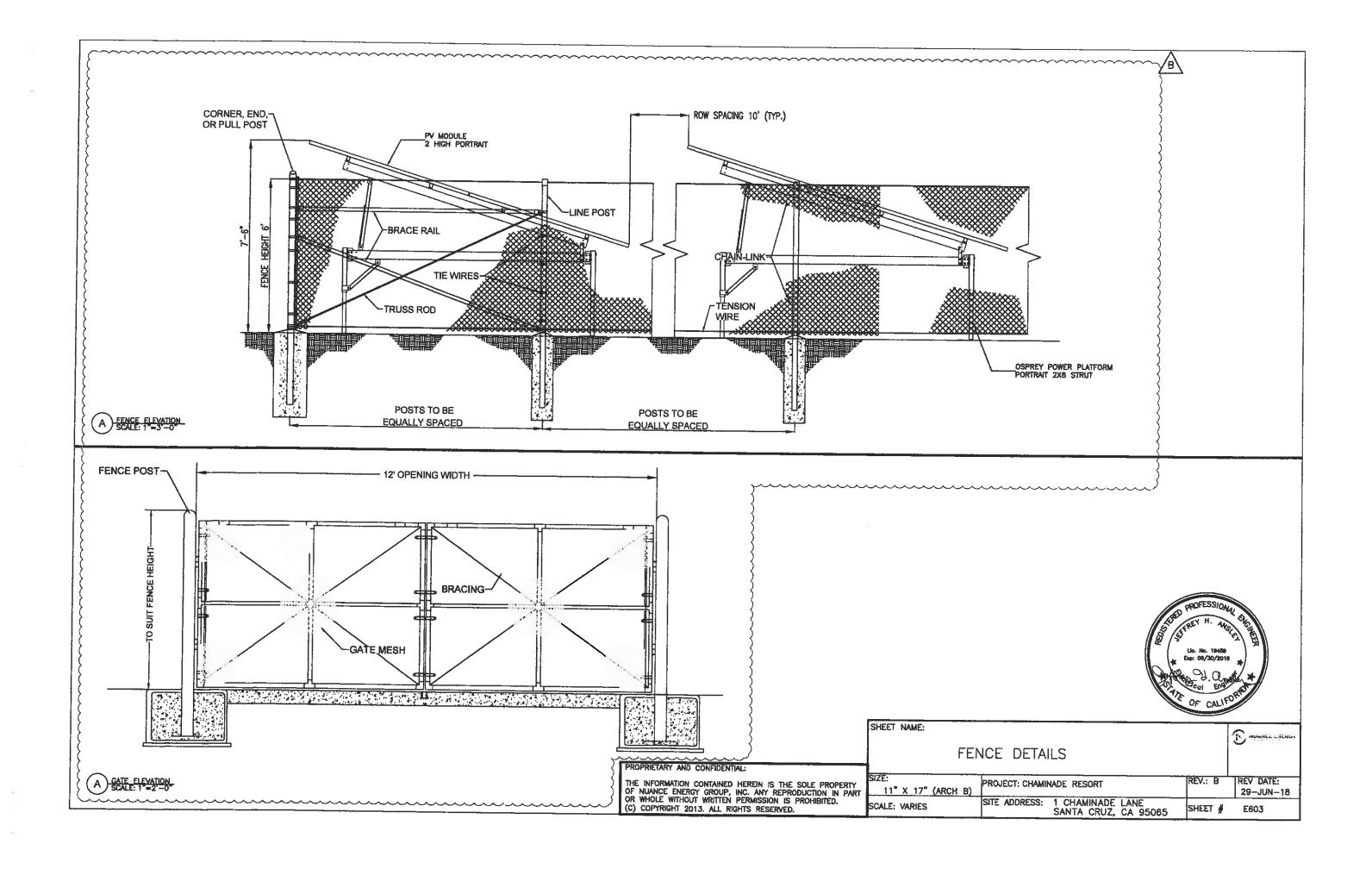
PHOTOVOLTAIC SYSTEM - CHAMINADE RESORT 1 CHAMINADE LANE, SANTA CRUZ, CA 95065

APN #: 102-061-09, 102-061-12









AC DISCONNECT WARNING
PLACE ON MAIN AC DISCONNECT

PHOTOVOLTAIC AC DISCONNECT

PER IFC 605.11.1, IFC 605.11.1.4, NEC 690.15, NEC 690.14(C)(2) & NEC 690.11(B)

AWARNING

ELECTRICAL SHOCK HAZARD

DO NOT TOUCH TERMINALS TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

PER NEC 690.17(E)



PHOTOVOLTAIC AC DISCONNECT

MAXIMUM AC OPERATING CURRENT: 397A

PER NEC 690.13(8)

3 SOLAR LOAD CENTER PLACE ON INVERTER BREAKER PANEL

WARNING

INVERTER OUTPUT CONNECTION, DO NOT RELOCATE THIS OVERCURRENT DEVICE.

PER NEC 705.12(D)(2)(C)

(4) OTHER

PLACE NEAR GFI RESET

AWARNING

ELECTRICAL SHOCK HAZARD

IF A GROUD FAULT IS INDICATED

NORMALLY GROUNDED CONDUCTORS

MAY BE UNGROUNDED AND ENERGIZED

PER NEC 590.5(C)

PLACE NEXT TO INVERTER INTERCONNECTION, BREAKER, LOAD CENTER & SERVICE PANEL

PV SOLAR BREAKER

DO NOT RELOCATE THIS OVERCURRENT DEVICE

5 SERVICE PANEL PLACE ON SERVICE PANEL

AWARNING

DUAL POWER SUPPLY

SOURCES: UTILITY GRID AND PHOTOVOLTAIC SYSTEM

PER NEC 705.12(D) & NEC 690.64

AWARNING

ELECTRICAL SHOCK HAZARD

DO NOT TOUCH TERMINALS TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

PER NEC 690.17/F

CAUTION: SOLAR ELECTRIC SYSTEM CONNECTED

PER NEC 690.15 & NEC 690.13(8)

THIS ELECTRIC SYSTEM IS ALSO SERVED BY A PHOTOVOLTAIC SYSTEM

GENERAL NOTES FOR LABELS AND MARKINGS:

- Labels and markings shall be applied to the appropriate components in accordance with the NEC.
- Solar modules are supplied from the manufacturer with markings pre-applied to meet the requirements of the NEC.
- 3. The inverter is supplied from the manufacturer with the appropriate labels and markings to meet the requirements of NEC.
- 4. All other warning and caution labels, unless otherwise specified, must meet the requirements of ANSI Z535.4 2011 per Article 110.21(B) in the NEC 2014. The ANSI standard requires that Danger, Warning, and Caution signs used the standard header colors, header text, and safety alert symbol on each label. The ANSI standard requires a heading that is at least 50% taller than the body While not required in the NEC 2014, the message text should be at least .12 tall. If we compare this to Occupational Safety and Health Administration (OHSA)1910.145 and the American National Standard Institute (ANSI) Z535, it is specified that signs must be visible at a safe viewing distance from the hazard. They also recommend the use of safety alert symbols, where applicable.

2 INSTALLATIONS: EMT / CONDUIT RACEWAYS *(REFLECTIVE MATERIAL REQUIRED)

WARNING: PHOTOVOLTAIC POWER SOURCE

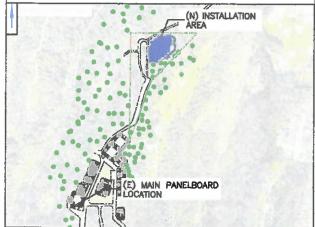
PER NEC 680.31 & NEC 680.4(F)

* 3/8" TALL LETTERS ON REFLECTIVE MATERIAL, PLACE ON CONDUIT ON EVERY 10 FEET

CAUTION POWER TO THIS SERVICE IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES MITTING

FROM THE FOLLOWING SOURCES WITH
DISCONNECTS LOCATED AS SHOWN

(N) INSTALLATION



PER NEC 680,65(B)

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SHEET NAME;

LABELS & MARKING



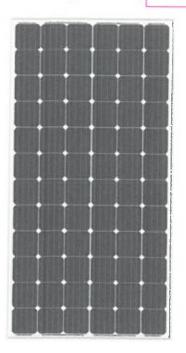
SIZE:11" X 17" (ARCH B)	PROJECT: CHAMINADE RESORT	REV.: B	REV DATE: 29-JUN-18
SCALE: NTS	SITE ADDRESS: 1 CHAMINADE LANE SANTA CRUZ, CA 95065	SHEET #	E700



SEG-6MA SERIES 6 INCH 72 CELLS



340,355,360w



MANAGEMENT SYSTEM

ISO 9001; Quality management system ISO 14001: Standard for environmental management

OHSAS 18001: International standard for occupational health and safety assessment system

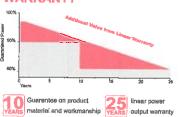
PRODUCT CERTIFICATES

UL 1703 Fire Rating Type 1





WARRANTY



KEY FEATURES



Linear Performance Warranty 10 Years product warranty 25 Years linear performance warranty



System voltage up to 1500V Saving BoS costs



Outstanding power output capability at



Certified Durability 5400 Pa snow load 2400 Pa wind load

SERAPHIM ENERGY GROUP, INC.



Anti-PID Anti-PID Cell Anti-PID encapsulation technology



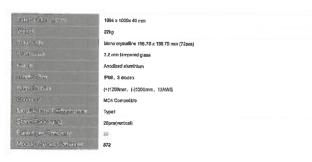
Top rank in Photon yield measurement

SEG-6MA SERIES 6 INCH 72 CELLS

Electrical Characteristics(STC)

X1860 Ggs	485 (80-5075)	\$40-20-000X	PERSONAL PROPERTY.
Maximum Power at STC -P _{xx} (W)	340	355	360
Maximum Power Voltage -V _{ma} (V)	38.3	26.3	39.7
Maximum Power Current -l _{eq} (A)	8.88	9.04	9.07
Open Circuit Voltage -V _{cc} (V)	46.1	47.0	47,4
Short Circuit Current -I (A)	9.50	9.64	9.67
Module Efficiency STC-n _m (%)	17.06	17.80	18.05
Operating Temperature		-40-+85 °C	
Maximum System Voltage (V)	1500 Vdc (UL)		
Maximum Series Fuse Rating (A)	20		
Power tolerance	0 ~ +4.99W		

Mechanical Data

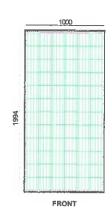


Warranties



Temperature Characteristics

FBHI - Wal	Data
Mineral of Comments and Comment	-0.44 %/°C
West Transferred States	-0.31 % ₋ °C
RA TITES AT PROPERTY OF	+0.04 %/*(
Skice/Sperming/ Report and Skiy	46±2 °C





SIDE 1994 X 1000 X 40mm

I-V Curve 400W

Specifications are subject to change without further notification 💢 Copyright 2017 Seraphire

SHEET NAME:

SCALE: NTS

11" X 17" (ARCH B)

Specifications are subject to change without further notification. © Copyright 2017 Serephine

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MUANCE CHEKGY

SPEC SHEETS - 1

REV DATE: PROJECT: CHAMINADE RESORT 29-JUN-18 SITE ADDRESS: 1 CHAMINADE LANE SANTA CRUZ, CA 95065 SHEET # E801

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